

Universal Multiple-Octet Coded Character Set
International Organization for Standardization
Organisation internationale de normalisation
Международная организация по стандартизации

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Title: Resolving chart and collation order for the Duployan script
Source: Van Anderson and Michael Everson
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Replaces: N3908, N3922, N3931

Ongoing discussion has led to a compromise proposal for Duployan which appears to put to rest the concerns expressed in N3908, N3922, and N3931.

1. Organization of the code chart. The code chart in N3895 is based on a usage scenario in which common characters are listed first and then language-specific characters are listed afterwards. In a 10-by-16 chart, this has the effect of placing similar-looking characters alongside one another in a horizontal orientation. This organization was controversial, because as shown in N3931, this arrangement is lost when the number of rows and columns in a chart are changed. The chart in N3931 proposed to arrange the characters in a vertical orientation based on the collation order given in N3895. This organization was controversial, because it appeared to split up the related variants unnecessarily. So where N3895 presented short lines together (| P, - T, \ F, / K, / L), N3931 separated them because medium and long lines were interspersed (| P, | B, | P N, - T, + TH, + DH^{SLOAN}, - D, - DH, - D S, \ F, \ V, \ F N, / K, / KK, / G, / J^{SLOAN}, / K M, / L) according to the shape-based ordering.

The compromise offered here keeps the related variants together while also organizing the code chart along the vertical axis.

2. Collation order. In order to stave off the potential difficulties of having a collation order differing from the code chart, the following collation is proposed:

Primary collation: Initial vowel cluster < · H < X < | P < - T < \ F < / K < / L < | B < - D < \ V < / G < / R < | P N < - D S < \ F N < / K M < / R S < + TH < + SLOAN DH < + DH < / KK < / SLOAN J < / HL < / LH < / RH < (M <) N < (J <) S < (M N <) N M < (J M <) S J < (M WITH DOT <) N WITH DOT < (J WITH DOT <) J WITH DOTS INSIDE AND ABOVE < (S WITH DOT <) S WITH DOT BELOW < (M S <) N S < (J S <) S S < (M N S <) N M S < (J M S <) S J S < (J S WITH DOT <) J N < (J N S <) S T < (S T R <) S P < (S P R <) T S < (T R S <) W < (W H <) W R < (S N <) S M < (K R S <) G R S < (S K <) S K R < medial/final vowel cluster.

Vowel order: ◌̄ A < ◌̄ SLOAN O < ◌̄ OA < ◌̄ O < ◌̄ AOU < ◌̄ I < ◌̄ E < ◌̄ IE < ◌̄ SHORT I < ◌̄ UI < ◌̄ EE < ◌̄ EH < ◌̄ ROMANIAN I < ◌̄ SLOAN EE < ◌̄ LONG I < ◌̄ YE < ◌̄ U < ◌̄ EU < ◌̄ XW < ◌̄ UN < ◌̄ LONG U < ◌̄ ROMANIAN U < ◌̄ UH < ◌̄ SLOAN U < ◌̄ OOH < ◌̄ OW < ◌̄ OU < ◌̄ WA < ◌̄ WO < ◌̄ WI < ◌̄ WEU < ◌̄ WOW < ◌̄ NASAL U < ◌̄ NASAL O < ◌̄ NASAL I < ◌̄ NASAL A < ◌̄ PERNIN AN < ◌̄ PERNIN AM < ◌̄ SLOAN EN < ◌̄ SLOAN AN < ◌̄ SLOAN ON < ◌̄ VOCALIC M; *Secondary collation:* No marks < DT
RS THICK LETTER SELECTOR < ◌̄ DOUBLE MARK < diacritics.

Affix order: ◌̄ LEFT HORIZONTAL SECANT < ◌̄ MID HORIZONTAL SECANT < ◌̄ RIGHT HORIZONTAL SECANT < ◌̄ LOW VERTICAL SECANT < ◌̄ MID VERTICAL SECANT < ◌̄ HIGH VERTICAL SECANT < ◌̄ ATTACHED SECANT < ◌̄ ATTACHED LEFT-TO-RIGHT SECANT < ◌̄ ATTACHED TANGENT < ◌̄ ATTACHED TAIL < ◌̄ ATTACHED E HOOK < ◌̄ ATTACHED I HOOK < ◌̄ ATTACHED TANGENT HOOK < ◌̄ HIGH ACUTE ARC < ◌̄ HIGH TIGHT ACUTE < ◌̄ HIGH GRAVE ARC < ◌̄ HIGH LONG GRAVE < ◌̄ HIGH DOT < ◌̄ HIGH CIRCLE < ◌̄ HIGH LINE < ◌̄ HIGH WAVE < ◌̄ HIGH VERTICAL < ◌̄ LOW ACUTE ARC < ◌̄ LOW TIGHT ACUTE < ◌̄ LOW GRAVE ARC < ◌̄ LOW LONG GRAVE < ◌̄ LOW DOT < ◌̄ LOW CIRCLE < ◌̄ LOW LINE < ◌̄ LOW WAVE < ◌̄ LOW VERTICAL < ◌̄ LOW ARROW < ◌̄ O WITH CROSS < word/affix signs from outside the Duployan block: LESS THAN, GREATER THAN, MULTIPLICATION, PLUS SIGN, etc.

Tertiary collation: No format < Variation Selectors < SP/NBSP < ZWNJ < ZWJ; < shorthand formats → LETTER OVERLAP < ↪ CONTINUING OVERLAP < ↓ DOWN < ↑ UP; < following ZWSP < HSP < 6/MSP < THSP < 4/MSP < 3/MSP < NSP < MSP.

	1BC0	1BC1	1BC2	1BC3	1BC4	1BC5	1BC6	1BC7	1BC8	1BC9
0	1BC00	1BC10	1BC20	1BC30	1BC40	1BC50	1BC60	1BC70	1BC80	1BC90
1	1BC01	1BC11	1BC21	1BC31	1BC41	1BC51	1BC61	1BC71	1BC81	1BC91
2	1BC02	1BC12	1BC22	1BC32	1BC42	1BC52	1BC62	1BC72	1BC82	1BC92
3	1BC03	1BC13	1BC23	1BC33	1BC43	1BC53	1BC63	1BC73	1BC83	1BC93
4	1BC04	1BC14	1BC24	1BC34	1BC44	1BC54	1BC64	1BC74	1BC84	1BC94
5	1BC05	1BC15	1BC25	1BC35	1BC45	1BC55	1BC65	1BC75	1BC85	1BC95
6	1BC06	1BC16	1BC26	1BC36	1BC46	1BC56	1BC66	1BC76	1BC86	1BC96
7	1BC07	1BC17	1BC27	1BC37	1BC47	1BC57	1BC67	1BC77	1BC87	1BC97
8	1BC08	1BC18	1BC28	1BC38	1BC48	1BC58	1BC68	1BC78	1BC88	1BC98
9	1BC09	1BC19	1BC29	1BC39	1BC49	1BC59	1BC69	1BC79	1BC88	1BC99
A	1BC0A	1BC1A	1BC2A	1BC3A	1BC4A	1BC5A	1BC6A	1BC7A	1BC88	1BC99
B	1BC0B	1BC1B	1BC2B	1BC3B	1BC4B	1BC5B	1BC6A	1BC7B	1BC88	1BC99
C	1BC0C	1BC1C	1BC2C	1BC3C	1BC4C	1BC5C	1BC6A	1BC7C	1BC88	1BC9C
D	1BC0D	1BC1D	1BC2D	1BC3D	1BC4D	1BC5D	1BC6A	1BC7C	1BC88	1BC9D
E	1BC0E	1BC1E	1BC2E	1BC3E	1BC4E	1BC5E	1BC6A	1BC7C	1BC88	1BC9E
F	1BC0F	1BC1F	1BC2F	1BC3F	1BC4F	1BC5F	1BC6A	1BC7C	1BC88	1BC9F

Non-joining consonants

- 1BC00 · DUPLOYAN LETTER H
• Chinook, Pernin, Sloan, Perrault
- 1BC01 · DUPLOYAN LETTER X
• Salishan

Line consonants

- 1BC02 † DUPLOYAN LETTER P
• Chinook number 1
- 1BC03 – DUPLOYAN LETTER T
• Chinook number 2
- 1BC04 \ DUPLOYAN LETTER F
• Chinook number 3
- 1BC05 / DUPLOYAN LETTER K
• Chinook number 4
• written down and to the left
- 1BC06 > DUPLOYAN LETTER L
• written up and to the right
= Pernin letter R
- 1BC07 | DUPLOYAN LETTER B
→ 1BC73 † duployan affix low vertical secant
→ 1BC74 † duployan affix mid vertical secant
→ 1BC75 † duployan affix high vertical secant
- 1BC08 — DUPLOYAN LETTER D
→ 1BC70 † duployan affix left horizontal secant
→ 1BC71 † duployan affix mid horizontal secant
→ 1BC72 † duployan affix right horizontal secant
- 1BC09 \ DUPLOYAN LETTER V
- 1BC0A / DUPLOYAN LETTER G
• written down and to the left
- 1BC0B > DUPLOYAN LETTER R
• Chinook number 5
• French number milliards
• written up and to the right
= Pernin letter L
= Pernin Reporters' word repeat sign
- 1BC0C | DUPLOYAN LETTER P N
= Sloan B B
→ 1BC02 † duployan letter p
→ 1BC1A) duployan letter n
- 1BC0D — DUPLOYAN LETTER D S
= Sloan D D
→ 1BC08 — duployan letter d
→ 1BC1C ∪ duployan letter s
- 1BC0E \ DUPLOYAN LETTER F N
= Sloan V V
→ 1BC04 \ duployan letter f
→ 1BC1A) duployan letter n
- 1BC0F / DUPLOYAN LETTER K M
• written down and to the left
= Sloan G G
→ 1BC05 / duployan letter k
→ 1BC19 (duployan letter m
- 1BC10 > DUPLOYAN LETTER R S
• written up and to the right
= Sloan R R
→ 1BC0B > duployan letter r
→ 1BC1C ∪ duployan letter s

- 1BC11 – DUPLOYAN LETTER TH
• Chinook, Sloan, Pernin, Perrault
- 1BC12 – DUPLOYAN LETTER SLOAN DH
- 1BC13 – DUPLOYAN LETTER DH
• Chinook
→ 1BC08 — duployan letter d
- 1BC14 / DUPLOYAN LETTER KK
• Chinook
• written down and to the left
- 1BC15 > DUPLOYAN LETTER SLOAN J
• written down and to the left
- 1BC16 > DUPLOYAN LETTER HL
• Chinook
• written up and to the right
- 1BC17 > DUPLOYAN LETTER LH
• Chinook
• written up and to the right
- 1BC18 > DUPLOYAN LETTER RH
• Chinook
• written up and to the right

Arc consonants

- 1BC19 (DUPLOYAN LETTER M
• Chinook number 6
- 1BC1A) DUPLOYAN LETTER N
• Chinook number 7
- 1BC1B ∩ DUPLOYAN LETTER J
• Chinook number 8
= Chinook letter sh
= Pernin letter sh
- 1BC1C ∪ DUPLOYAN LETTER S
• Chinook number 9
• French hundreds
- 1BC1D { DUPLOYAN LETTER M N
• Romanian mai mult, not Romanian mult mai shorthand sign
→ 1BC19 (duployan letter m
→ 1BC1A) duployan letter n
- 1BC1E } DUPLOYAN LETTER N M
• not Romanian nu nu shorthand sign
→ 1BC19 (duployan letter m
→ 1BC1A) duployan letter n
- 1BC1F ∩ DUPLOYAN LETTER J M
• not Romanian ceea ce shorthand sign
→ 1BC1B ∩ duployan letter j
→ 1BC19 (duployan letter m
- 1BC20 ∪ DUPLOYAN LETTER S J
• not Romanian sa se shorthand sign
→ 1BC1B ∩ duployan letter j
→ 1BC1C ∪ duployan letter s
- 1BC21 (DUPLOYAN LETTER M WITH DOT
= Romanian sign mijloc
- 1BC22) DUPLOYAN LETTER N WITH DOT
= Chinook ng
= Romanian sign nici
- 1BC23 ∩ DUPLOYAN LETTER J WITH DOT
= Chinook, Romanian ch
= Sloan zh
= Chinook, Perrault j

- 1BC24 ⤴ DUPLOYAN LETTER J WITH DOTS INSIDE AND ABOVE
= Romanian sign ici si colo
• used in isolation
- 1BC25 ∪ DUPLOYAN LETTER S WITH DOT
= Chinook ts
= Chinook, Romanian, Sloan z
- 1BC26 ∪ DUPLOYAN LETTER S WITH DOT BELOW
= Romanian sh
- 1BC27 (DUPLOYAN LETTER M S
= Sloan shorthand letter m m
→ 1BC19 (duployan letter m
→ 1BC1C ∪ duployan letter s
- 1BC28) DUPLOYAN LETTER N S
= Pernin, Sloan, Perrault letter ng
→ 1BC1A) duployan letter n
→ 1BC1C ∪ duployan letter s
- 1BC29 ∩ DUPLOYAN LETTER J S
= Romanian stenographic letter ge
= Pernin, Perrault letter zh
= Sloan letter ch
→ 1BC1B ∩ duployan letter j
→ 1BC1C ∪ duployan letter s
- 1BC2A ∪ DUPLOYAN LETTER S S
• French, Sloan
= Romanian stenographic letter ts
= Pernin, Perrault letter z
→ 1BC1C ∪ duployan letter s
- 1BC2B { DUPLOYAN LETTER M N S
→ 1BC19 (duployan letter m
→ 1BC1A) duployan letter n
→ 1BC1C ∪ duployan letter s
- 1BC2C } DUPLOYAN LETTER N M S
→ 1BC19 (duployan letter m
→ 1BC1A) duployan letter n
→ 1BC1C ∪ duployan letter s
- 1BC2D ∩ DUPLOYAN LETTER J M S
→ 1BC1B ∩ duployan letter j
→ 1BC19 (duployan letter m
→ 1BC1C ∪ duployan letter s
- 1BC2E ∪ DUPLOYAN LETTER S J S
→ 1BC1C ∪ duployan letter s
→ 1BC1B ∩ duployan letter j
- 1BC2F ∩ DUPLOYAN LETTER J S WITH DOT
= Sloan letter hard ch
= Pernin, Perrault letter ch
- 1BC30 ∪ DUPLOYAN LETTER J N
→ 1BC1B ∩ duployan letter j
→ 1BC1A) duployan letter n
- 1BC31 ∩ DUPLOYAN LETTER J N S
→ 1BC1B ∩ duployan letter j
→ 1BC1A) duployan letter n
→ 1BC1C ∪ duployan letter s

Quarter-arc consonants

- 1BC32 ∩ DUPLOYAN LETTER S T
• Pernin, Perrault
• written downwards
= Sloan sm

- 1BC33 ∩ DUPLOYAN LETTER S T R
• Pernin, Perrault
• written downwards
= Sloan sn
- 1BC34 ∪ DUPLOYAN LETTER S P
• Pernin, Perrault
• written downwards
= Sloan kw
- 1BC35 ∪ DUPLOYAN LETTER S P R
• Pernin, Perrault
• written downwards
= Sloan skw
- 1BC36 ∩ DUPLOYAN LETTER T S
• written downwards
• Perrault
= Sloan std
- 1BC37 ∩ DUPLOYAN LETTER T R S
• written downwards
• Perrault
= Sloan sst
- 1BC38 ∩ DUPLOYAN LETTER W
• Sloan, Perrault, Pernin
• written downwards
• takes form of a hook or wave after k and g
- 1BC39 ∩ DUPLOYAN LETTER WH
• written downwards
- 1BC3A ∩ DUPLOYAN LETTER W R
• written downwards
• Perrault
= Sloan sw
- 1BC3B ∪ DUPLOYAN LETTER S N
• written upwards
• Perrault
= Pernin krs
= Sloan SP
- 1BC3C ∪ DUPLOYAN LETTER S M
• written upwards
• Perrault
= Pernin grs
= Sloan sl
- 1BC3D ∩ DUPLOYAN LETTER K R S
• written upwards
• Perrault
- 1BC3E ∩ DUPLOYAN LETTER G R S
• written upwards
• Perrault
- 1BC3F ∩ DUPLOYAN LETTER S K
• written upwards
• Perrault, Pernin
= Sloan ts
- 1BC40 ∩ DUPLOYAN LETTER S K R
• written upwards
• Perrault, Pernin
= Sloan ds

Circle vowels

- 1BC41 ∘ DUPLOYAN LETTER A
• Chinook number tens
- 1BC42 ∘ DUPLOYAN LETTER SLOAN OW
• reverse circle vowel
- 1BC43 ∘ DUPLOYAN LETTER OA
= Pernin letter aw
= Perrault letter aw

- 1BC44 ○ DUPLOYAN LETTER O
 • Chinook number 0
- 1BC45 ○ DUPLOYAN LETTER AOU

Semi-circle vowels

- 1BC46 ◁ DUPLOYAN LETTER I
 • character rotates to match entry angle of preceding consonant
 • character has primary orientation (right and up)
 = Perrault letter long a, short e (with accents)
 → 1BC48 ◁ duployan letter ie
 → 1BC49 ▷ duployan letter short i
 → 1BC4B ∨ duployan letter ee
 → 1BC4A ∩ duployan letter ui
 → 1BC7B ∩ duployan affix attached i hook
 → 1BC7A ∩ duployan affix attached e hook
- 1BC47 ∨ DUPLOYAN LETTER E
 • character rotates to match entry angle of preceding consonant
 • character has secondary orientation (left and down)
 = Sloan letter long a
 = Perrault letter short i, long e (with dot accent)
 → 1BC7A ∩ duployan affix attached e hook
- 1BC48 ◁ DUPLOYAN LETTER IE
 • Duployan shorthand
 • used as an invariant vowel and for orienting word abbreviations consisting of only vowels
 → 1BC46 ◁ duployan letter i
 = Pernin letter a
- 1BC49 ▷ DUPLOYAN LETTER SHORT I
 • Pernin, Duployan shorthand
 • used as an invariant vowel and for orienting word abbreviations consisting of only vowels
 → 1BC46 ◁ duployan letter i
 = Consolidated Duployan letter r t r
- 1BC4A ∩ DUPLOYAN LETTER UI
 • Duployan shorthand
 • used as an invariant vowel and for orienting word abbreviations consisting of only vowels
 → 1BC46 ◁ duployan letter i
 = Pernin letter e
- 1BC4B ∨ DUPLOYAN LETTER EE
 • Pernin, Duployan shorthand
 • used as an invariant vowel and for orienting word abbreviations consisting of only vowels
 → 1BC46 ◁ duployan letter i
- 1BC4C ∨ DUPLOYAN LETTER SLOAN EH
- 1BC4D ∨ DUPLOYAN LETTER ROMANIAN I
 • character rotates to match entry angle of preceding consonant, with dot maintaining relative position
 • secondary orienting (left and down)
- 1BC4E ≈ DUPLOYAN LETTER SLOAN EE

Diagonal-line vowels

- 1BC4F / DUPLOYAN LETTER LONG I
 • Pernin
 • angles like an “f” when adjacent a k-type consonant
- 1BC50 ∞ DUPLOYAN LETTER YE

Quarter-circle vowels

- 1BC51 ∖ DUPLOYAN LETTER U
 • character rotates to match entry angle of preceding consonant
 • character has primary orientation (right and up)
 = Romanian stenographic letter en
 → 1BC38 ∖ duployan letter w
 → 1BC56 ◊ duployan letter romanian u
 → 1BC55 ∞ duployan letter long u
- 1BC52 ∘ DUPLOYAN LETTER EU
 • character rotates to match entry angle of preceding consonant
 • character has secondary orientation (left and down)
 • in French usage, may be rendered with a dot contextually
 = Romanian stenographic letter an
- 1BC53 ∖ DUPLOYAN LETTER XW
 = Perrault uh
 • not French eu
- 1BC54 ∘ DUPLOYAN LETTER UN
 → 1BC1A ∘ duployan letter n

Other vowels

- 1BC55 ∞ DUPLOYAN LETTER LONG U
 • Pernin, Perrault
 • this vowel does not rotate to match entry angle of preceding consonant
 → 1BC51 ∖ duployan letter u
- 1BC56 ◊ DUPLOYAN LETTER ROMANIAN U
- 1BC57 ∘ DUPLOYAN LETTER UH
 • Sloan
 → 1BC5B ◊ duployan letter ou
- 1BC58 ∘ DUPLOYAN LETTER SLOAN U
 → 1BC5B ◊ duployan letter ou
- 1BC59 ∘ DUPLOYAN LETTER OOH
 • Sloan
 → 1BC5B ◊ duployan letter ou

Dotted-circle vowels

- 1BC5A ○ DUPLOYAN LETTER OW
 • should not be used for Romanian u
 ≈ <medial> 1BC56 ◊
- 1BC5B ○ DUPLOYAN LETTER OU
 • should not be used for Perrault ow
 ≈ <initial, final> 1BC5A ○
 = Chinook letter oo
 → 1BC57 ∘ duployan letter uh
 → 1BC58 ∘ duployan letter sloan u
 → 1BC59 ∘ duployan letter ooh

Compound vowels

- 1BC5C ◊ DUPLOYAN LETTER WA
 • Chinook
 • Not Romanian o+a
 = Perrault letter oy
 • Chinook number hundreds
- 1BC5D ◊ DUPLOYAN LETTER WO
 • Chinook
- 1BC5E ◊ DUPLOYAN LETTER WI
 • Chinook

- 1BC5F ◉ DUPLOYAN LETTER WEI
• Salishan
- 1BC60 ◉ DUPLOYAN LETTER WOW
• Salishan

Basic nasal vowels

- 1BC61 ∨ DUPLOYAN LETTER NASAL U
• character positions diacritically, as an orienting vowel, or as an invariant vowel
• secondary orientation
• invariant direction downwards
• French number 1
= Pernin letter in
= Consolidated Duployan affix int-r-
- 1BC62 ∨ DUPLOYAN LETTER NASAL O
• character positions diacritically, as an orienting vowel, or as an invariant vowel
• neutral nasal vowel for transcription of an ambiguous secondary orienting nasal vowel
• secondary orientation
• invariant direction upwards
= Pernin letter om
= Perrault letters an, en, in, un (with accents)
= Pernin letter im
= Consolidated Duployan affix int-r-
- 1BC63 ∨ DUPLOYAN LETTER NASAL I
• character positions diacritically, as an orienting vowel, or as an invariant vowel
• primary orientation
• invariant direction downwards
• Romanian multiplicative number prefix
= Pernin letter im
= Consolidated Duployan affix int-r-
- 1BC64 ∨ DUPLOYAN LETTER NASAL A
• Perrault vocalic n - an, en, in, un (with accents)
• character positions diacritically, as an orienting vowel, or as an invariant vowel
• neutral nasal vowel for transcription of an ambiguous primary orienting nasal vowel
• primary orientation
• invariant direction upwards
= Pernin letter on
= Romanian stenographic letter yn

Additional nasal vowels

- 1BC65 ∨ DUPLOYAN LETTER PERNIN AN
• written downwards
- 1BC66 ∨ DUPLOYAN LETTER PERNIN AM
• written downwards
- 1BC67 ∨ DUPLOYAN LETTER SLOAN EN
- 1BC68 ∨ DUPLOYAN LETTER SLOAN AN
- 1BC69 ∨ DUPLOYAN LETTER SLOAN ON
- 1BC6A ∨ DUPLOYAN LETTER VOCALIC M
• primary orienting vowel
= Perrault letters am, em, im, um (with accents)

Attached affixes

- 1BC70 ⇄ DUPLOYAN AFFIX LEFT HORIZONTAL SECANT
= Pernin Reporters' extra-
• dots show position on base glyph and are not rendered
→ 1BC08 — duployan letter d

- 1BC71 ⇄ DUPLOYAN AFFIX MID HORIZONTAL SECANT
= Pernin Reporters' inter-
• dots show position on base glyph and are not rendered
→ 1BC08 — duployan letter d
- 1BC72 ⇄ DUPLOYAN AFFIX RIGHT HORIZONTAL SECANT
= Pernin Reporters' contra-
• dots show position on base glyph and are not rendered
→ 1BC08 — duployan letter d
- 1BC73 ⇄ DUPLOYAN AFFIX LOW VERTICAL SECANT
= Pernin Reporters' sub-
• dots show position on base glyph and are not rendered
→ 1BC07 | duployan letter b
- 1BC74 ⇄ DUPLOYAN AFFIX MID VERTICAL SECANT
= Pernin Reporters' trans-
• dots show position on base glyph and are not rendered
→ 1BC07 | duployan letter b
- 1BC75 ⇄ DUPLOYAN AFFIX HIGH VERTICAL SECANT
= Pernin Reporters' super-
• dots show position on base glyph and are not rendered
→ 1BC07 | duployan letter b
- 1BC76 ⇄ DUPLOYAN AFFIX ATTACHED SECANT
• dots show position on and relative orientation to base glyph and are not rendered
• as a prefix, takes opposite relative position to following glyph
• generally crosses adjacent character at perpendicular, but has a bias towards SW/NE angle to contrast 1BC77 ⇄
• default neutral secant affix
= French suffix -anse
= Pernin prefix pre-
= Sloan affix ax-/-ext
- 1BC77 ⇄ DUPLOYAN AFFIX ATTACHED LEFT-TO-RIGHT SECANT
• dots show position on and relative orientation to base glyph and are not rendered
• generally crosses adjacent character at perpendicular, but has a bias towards NW/SE angle to contrast 1BC76 ⇄
• as a suffix, takes opposite relative position to following glyph
= Pernin prefix per-
- 1BC78 ⇄ DUPLOYAN AFFIX ATTACHED TANGENT
• dots show position on and relative orientation to base glyph and are not rendered
• as a prefix, takes opposite relative position to following glyph
= French suffix -tan
= Romanian shorthand letter str-/-str
- 1BC79 ∪ DUPLOYAN AFFIX ATTACHED TAIL
• orienting character
= French suffix -sionaire

- 1BC7A 𐀀 DUPLOYAN AFFIX ATTACHED E HOOK
- glyph is retrograde and opens up or down, dependent on preceding letter
 - dots show position of preceding glyph and are not rendered
- 1BC47 𐀁 duployan letter e
= French suffix -te
- 1BC7B 𐀂 DUPLOYAN AFFIX ATTACHED I HOOK
- glyph is retrograde and opens left or right, dependent on preceding letter
 - dots show position of preceding glyph and are not rendered
- 1BC46 𐀃 duployan letter i
= French suffix -tou
= Sloan affix irre-/-ary
- 1BC7C 𐀄 DUPLOYAN AFFIX ATTACHED TANGENT HOOK
- attached affix
 - dots show position on and relative orientation to base glyph and are not rendered
- = Romanian affix ist-/-ism
= Consolidated Duployan prefix t-r-

High affixes

- 1BC80 𐀅 DUPLOYAN AFFIX HIGH ACUTE
- = French suffix -ment
 - = Romanian suffix -mant
 - = Pernin sub-
 - = Pernin Reporters' suffix pro-
- 02CA 𐀆 modifier letter acute accent
- 1BC81 𐀇 DUPLOYAN AFFIX HIGH TIGHT ACUTE
- = Pernin Pro-
 - as a suffix, placed above and to the right of the following letter
- 1BC82 𐀈 DUPLOYAN AFFIX HIGH GRAVE
- = French suffix -ien
 - = Pernin suffix con-
- 02CB 𐀉 modifier letter grave accent
- 1BC83 𐀊 DUPLOYAN AFFIX HIGH LONG GRAVE
- = Pernin contra-
- 1BC84 𐀋 DUPLOYAN AFFIX HIGH DOT
- not Romanian hundreds - use U+0307 𐀌 combining dot above and U+0308 𐀍 combining diaeresis
 - French number thousands
 - = French suffix -eur
 - = Romanian shorthand affix trans-/-lui
- 02D9 𐀎 dot above
- 1BC85 𐀏 DUPLOYAN AFFIX HIGH CIRCLE
- not Romanian number grade or percent suffix
 - French ordinal number
 - = French suffix -euse
- 00B0 𐀐 degree sign
→ 02DA 𐀑 ring above
- 1BC86 𐀒 DUPLOYAN AFFIX HIGH LINE
- = French suffix -iste
 - = Romanian shorthand affix -tor
 - = Pernin affix dis-
- 02C9 𐀓 modifier letter macron
- 1BC87 𐀔 DUPLOYAN AFFIX HIGH WAVE
- = French suffix -ificatif
- 02DC 𐀕 small tilde

- 1BC88 𐀖 DUPLOYAN AFFIX HIGH VERTICAL
- also functions as attached affix vertical up with ZWJ
 - this affix is about half as long as Duployan letter p
 - as a prefix, has falling stroke direction
- = Pernin ZWJ + -ime
= Sloan tele-
- 1BC02 𐀗 duployan letter p

Low affixes

- 1BC90 𐀘 DUPLOYAN AFFIX LOW ACUTE
- = French suffix -cion
 - = Pernin prefix ex-
- 02CF 𐀙 modifier letter low acute accent
- 1BC91 𐀚 DUPLOYAN AFFIX LOW TIGHT ACUTE
- = Pernin suf-, sug-
 - as a suffix, placed under and to the right of the following letter
- 1BC92 𐀛 DUPLOYAN AFFIX LOW GRAVE
- = French suffix -ion
 - French number millions
- 02CE 𐀜 modifier letter low grave accent
- 1BC93 𐀝 DUPLOYAN AFFIX LOW LONG GRAVE
- = Pernin extra-
- 1BC94 𐀞 DUPLOYAN AFFIX LOW DOT
- = French suffix -ie
 - French iterative number
 - = Romanian shorthand affix inter-
 - not Romanian millions - see U+0323 𐀟 combining dot below and U+0324 𐀠 combining diaeresis below
- 1BC95 𐀡 DUPLOYAN AFFIX LOW CIRCLE
- = French suffix -iere
 - French percent
- 02F3 𐀢 modifier letter low ring
- 1BC96 𐀣 DUPLOYAN AFFIX LOW LINE
- = French suffix -isme
 - = Pernin affix mis-
- 02D7 𐀤 modifier letter minus sign
- 1BC97 𐀥 DUPLOYAN AFFIX LOW WAVE
- = French suffix -ification
- 02F7 𐀦 modifier letter low tilde
- 1BC98 𐀧 DUPLOYAN AFFIX LOW VERTICAL
- functions as attached affix vertical down with ZWJ
 - this affix is about half as long as Duployan the letter p
 - as a prefix, has rising stroke direction
- = Pernin ZWJ + -ine
→ 1BC02 𐀗 duployan letter p
- 1BC99 𐀨 DUPLOYAN AFFIX LOW ARROW
- = Romanian prefix sub-
 - low affix

Chinook sign

- 1BC9C 𐀩 DUPLOYAN SIGN O WITH CROSS
- Chinook Likalisti

Sloan R-form selector

1BC9D  DUPLOYAN THICK LETTER SELECTOR

- commonly abbreviated DTLs
- Sloan r-flavored letters
- Shape shown is arbitrary and is not visibly rendered
- Causes previous Duployan character to be rendered bold






Shorthand double mark

1BC9E  DUPLOYAN DOUBLE MARK





- Dots show position on and relative orientation to base glyph and are not rendered
- Romanian, Sloan shorthands
- Should be used with m, n, j, and s for the Romanian word signs mai mult, nu nu, ceea ce, and sa se
- Can be doubled and tripled

Chinook punctuation

1BC9F  DUPLOYAN PUNCTUATION CHINOOK FULL STOP

	1BCA
0	 1BCA0
1	 1BCA1
2	 1BCA2
3	 1BCA3
4	
5	
6	
7	
8	
9	
A	
B	
C	
D	
E	
F	

Shorthand format controls

- 1BCA0  SHORTHAND FORMAT LETTER OVERLAP
 - shape shown is arbitrary and is not visibly rendered
- 1BCA1  SHORTHAND FORMAT CONTINUING OVERLAP
 - shape shown is arbitrary and is not visibly rendered
- 1BCA2  SHORTHAND FORMAT DOWN STEP
 - = Romanian shorthand affix -tsion-
 - = Sloan contracted ending oo/o + ZWSP
 - shape shown is arbitrary and is not visibly rendered
- 1BCA3  SHORTHAND FORMAT UP STEP
 - = Sloan contracted ending uh/au/aui + ZWSP
 - shape shown is arbitrary and is not visibly rendered