## Appendix B

## Alphabetic Index of Braille Signs

## Alphabet and Numbers

For Braillewriter

| 1 a | 2 b $\mathbf{:}$ | $\begin{gathered} 3 \\ c \\ \because: \end{gathered}$ | $\begin{gathered} 4 \\ \mathrm{~d} \\ :: \end{gathered}$ | 5 <br> e <br> $\vdots$ | 6 <br> f <br> $:$ | 7 g : | 8 h : | 9 <br> i <br> $\vdots$ | 0 j : |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| k | l | m | n | O | p | q | : | S | t |
| u $\vdots$ $\vdots$ | $\mathrm{v}$ | $\begin{aligned} & \text { w } \\ & \text { :! } \end{aligned}$ | x <br> 0 <br> $\square$ | y | Z $\vdots$ : |  |  |  |  |

For Slate
In the following chart, dot configurations for the slate appear as they are produced, and are thus a mirror image of the dots as they are read or produced on a braillewriter.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| a | b | C | d | e | f | g | h | i | j |
| $\bigcirc$ | : | -: | : | $\bigcirc$ | : | : | : | $\bigcirc$ | : |
| k | 1 | m | n | 0 | p | q | r | S | t |
| : | : | $\because$ | $\because:$ | $\because$ | : | :! | : | $\bigcirc$ | : |
| u | V | W | X | y | z |  |  |  |  |
| $\square$ | : | :! | $\because$ | !: | :! |  |  |  |  |

Contractions, Word Signs, and Short-Form Words

|  | Writer | Slate |  | Writer | Slate |
| :---: | :---: | :---: | :---: | :---: | :---: |
| about | $\cdots:$ | : | again | : : $:$ | :: : |
| above | ! : | : : : : | against | ! : : 0 | ! : : : |
| according | ! : 0 | : | ally | $\bigcirc:$ | \%: |
| across | ! : $:$ : | : $0: \square$ | almost | ! : |  |
| after | : : | : : : | already | ! : | : : : : |
| afternoon | ! : 0 : $:$ | \% : : : | also | ! : | : : |
| afteward | ! : $:$ : |  | although | $!:!$ |  |


|  | Writer | Slate |  | Writer | Slate |
| :---: | :---: | :---: | :---: | :---: | :---: |
| altogether | ! : $:$ : | : : : : | CC | : | : |
| always | : : : : | : : : : | ch | $\because$ | $\because$ |
| ance | : $:$ | $\bigcirc$ | character | $!0$ | ! : |
| and | \%! | :! | child | $\because$ | $\because$ |
| ar | : | ! : | children | $\because$ | $\because!$ |
| as | :: | : $:$ | com | : | -• |
| ation | \%: | ! : : | con | - | $\because$ |
| bb | . | : | conceive | \% 0 | : : $0:$ : $:$ |
| be | : | : | conceiving | \% | : : : : 0 |
| because | : : $:$ | !: : $:$ | could | \%: 0 | ! : ! : |
| before | : : $:$ | : : : | day | : 0 | : $:$ |
| behind | : : | : : : | dd | :: | : |
| below | : | : : | deceive | :0 : $:$ : | : : $0:$ : $:$ |
| beneath | : : | !: : $:$ | deceiving | -: $0: 9$ | : : : : $:$ : : $!$ |
| beside | : : | !: : | declare | : 0 : |  |
| between | : : | !: : : | declaring | -: 0 : : : : | : : : $0: 0$ |
| beyond | : : | \%: : | dis | :: | : |
| ble | : | ! | do | : | !: |
| blind | : | : : | ea | $\bullet$ | - |
| braille | : $: \mathbf{:}$ | : : : : | ed | $\because$ | :! |
| but | : | : | either | ! : 0 |  |
| by | : | : | en | $\because$ | $\because$ |
| can | $\because$ | $\because$ | ence | \%: | : $:$ |
| cannot | : 0 | $\because:$ | enough | $\because$ | : |

B-2

|  | Writer | Slate |  | Writer | Slate |
| :---: | :---: | :---: | :---: | :---: | :---: |
| er | :! | :: | ing | $\bigcirc$ | $\because$ |
| ever | : 0 | $\bigcirc:$ | into | : : | !: ! : |
| every | 9 | $\bigcirc$ | it | $\because$ | $\because$ |
| father | : 0 | : $:$ | its |  | ! : $:$ |
| ff | : | :: | itself | $\because:!$ | :: ! : |
| first | $\because$ | $\because:$ | ity | : $:$ | : $0:$ |
| for | :: | :: | just | : | : $:$ |
| friend | : $:$ : | :: : | know | : | ! |
| from | : | :: | knowledge | $\because$ | $\because$ |
| ful | : | : | less | : | $\because:$ |
| gg | :: | :: | letter | : : | : : : |
| gh | ! | : | like | \% | : |
| go | :: | :: | little | : | : : |
| good | :: : : | : : : $:$ | lord | \%: | : |
| great |  | : : : : : | many | : 0 | \%: |
| had | : : | : : | ment | : $:$ | :: $:$ |
| have | :¢ | :: | more | $\because$ | $\because$ |
| here | : 0 | : : | mother | $0:$ | $\because:$ |
| herself | : : : : : | :: : : : $:$ | much | ! ! ! | : 0 |
| him | : $: 0$ | $\because:$ | must | $\because$ | $\because:$ |
| himself | : 0 | : 0 | myself | : $0: 9$ | : $:$ |
| his | : | :: | name | : $:$ | $\because:!$ |
| immediate | \% 0 | $\because \bigcirc$ | necessary | : $0: 9$ | $\because \bigcirc$ |
| in | $\bullet$ | : | neither | : $0:$ | $\bigcirc:$ |


|  | Writer | Slate |  | Writer | Slate |
| :---: | :---: | :---: | :---: | :---: | :---: |
| ness | : $:$ | : : $:$ | receive | : 0 : 0 | :: : : : |
| not | :! | $\because$ | receiving | : $:$ | : : : : : : : |
| o'clock | ! : : 0 | \#: 0 | rejoice | \%: : 0 | !: : : : |
| of | : | :! | rejoicing | : | :: 0 : : : : |
| one | $\bigcirc:$ |  | right | $0:$ | : : $:$ |
| oneself | ¢0: 0 | : 0 : 0 | said | : 0 | : $:$ |
| ong | : $:$ | : $:$ | sh | $\because$ | $\because$ |
| ou | : | : | shall | $\because$ | $\because$ |
| ought | : $:$ | : $:$ : | should | O: | : ! : |
| ound | : $:$ | : 0 | sion | : $:$ | ! ! : |
| ourselves | : $:$ : $:$ | ! : $:$ : | so | $\vdots$ | ! |
| ount | $\bigcirc:$ | $\because:$ | some | $0 \%$ | ! : $:$ |
| out | :! | : | spirit | : ${ }_{\text {! }}$ | ! : |
| ow | $\bigcirc$ | !: | st | ! | - |
| paid | : $:$ | : $:$ : | still | : | $\because$ |
| part | $0:$ | :: $:$ | such | : 0 | ! : |
| people | : | !: | th | !: | !! |
| perceive |  | : 0 | that | : | !: |
| perceiving |  | : : : : : : : : : | the | : $:$ | !: |
| perhaps | : $:$ : $:$ : $:$ | : : : : : | their | : | : : |
| question | : $:$ | : : | themselves |  | O: : $:$ |
| quick | : $:$ | : $:$ | there | $\bigcirc 0$ | ! : $:$ |
| quite | : | :! | these | : 0 | : : : |
| rather | : | : | this | \%: | ! |


|  | Writer | Slate |  | Writer | Slate |
| :---: | :---: | :---: | :---: | :---: | :---: |
| those | : $:$ : $:$ | : 0 : $:$ | world | : : : | : : |
| through | : : | : $!$ | would | : : : | : $:$ : |
| thyself | : : : : : |  | you | \%: | \%: |
| time | : | : : $:$ | young | : $:$ | \%: : $:$ |
| tion | : : | ! : $:$ | your | :: : | : : : |
| to | : | :: | yourself | \%: : : : | \%: : : : |
| today | : : : | :! :: | yourselves |  | !: : : : \% : |
| together | : : : : : | : : : : : |  |  |  |
| tomorrow | \%: 0 | :! : |  |  |  |
| tonight | : : ! | !: : $:$ |  |  |  |
| under | $\because 0$ | $\because:$ |  |  |  |
| upon | : 0 | $0:$ : |  |  |  |
| us | $\because$ | $\because$ |  |  |  |
| very | ! | : |  |  |  |
| was | : | : |  |  |  |
| were | :: | :: |  |  |  |
| wh | $\because$ | : |  |  |  |
| where | $\bigcirc:$ | : $!$ : |  |  |  |
| which | !: | $\vdots$ |  |  |  |
| whose | : $:$ | : |  |  |  |
| will | : | !: |  |  |  |
| with | :: | :: |  |  |  |
| word | : : : | : $:$ : |  |  |  |
| work | : : | : $:$ : |  |  |  |

## Punctuation and Composition Signs

|  | Writer | Slate |  | Writer | Slate |
| :---: | :---: | :---: | :---: | :---: | :---: |
| accent sign | - | -: | omission sign | : | : |
| apostrophe <br> asterisk | : $\vdots:$ | . . | parenthesis, opening | :: | :: |
| bracket, opening | : $:$ | :: | parenthesis, closing | :: | :: |
| bracket, closing | :: | -:: | period print symbol | : | : |
| capital sign |  |  | indicator |  |  |
| capital sign, double | . | : | question mark | : | : |
| colon <br> comma | $\because$ 0 | $\because$ $\because$ | quotation mark, double opening | : | :: |
| dash <br> dash, double | -•• | -• | quotation mark, double closing | : | : |
| ditto sign ellipsis | ! $0 \cdot 0 \cdot 0$ | -...... | quotation mark, single opening | : $:$ | : : $:$ |
| exclamation point | : | :: | quotation mark, single closing | : : | : |
| hyphen | : | $\because$ $\vdots$ $\vdots$ | repetition sign | : | : |
| italic sign | $\bullet$ | : | slash | $\bigcirc$ | $!$ |
| italic sign, double | $!!$ | ! : | semicolon | : | : |
| letter sign | - | : | termination sign | -. | © 0 |
| line sign | : | $\vdots$ | transcriber's note symbol, open and | . | .: |
| non-Latin letter indicator | : | : |  |  |  |
| number sign | :! | $\vdots$ |  |  |  |

## QUICK REFERENCE CHART

| ALPHABET \& NUMBERS | COMPOSITION SIGNS | PART-WORD CT'NS |
| :---: | :---: | :---: |
| $\begin{array}{lllllllllll}1 & 2 & 3 & 4 & 5 & 6 & 7 & 8 & 9 & 0\end{array}$ | - capital sign | : ar $\quad \vdots$ ing |
|  | : ${ }^{\text {a }}$ number sign | : ${ }^{\text {ble }}$ : ${ }^{\text {a }}$ ou |
|  | : letter sign | $!$ ch ! 0 ow |
| k l m n o p q r s t | - italic sign | $\because \quad$ ed $\quad \because \quad$ sh |
|  | talic sign | $!:$ ed $\quad$ ! |
|  | accent sign | $\because$ en $\quad \vdots$ st |
| : | : O $^{\text {c }}$ termination sign | $\because:$ er $\quad$ : $:$ th |
|  | ALPHABET CT'NS | $\because$ gh $\quad \vdots$ wh |
| PUNCTUATION | $\begin{array}{llll} \text { b } & \text { but } & \text { p } & \text { people } \\ \text { c } & \text { can } & \text { q } & \text { quite } \end{array}$ | WHOLE-WORD LOWER |
| apostrophe | d do r rather <br> e every s so | SIGNS |
| :! ! asterisk | f from t that | $\because$ : ${ }^{\circ}$ |
|  | g go u us | ! enough |
| bracket | h have v very | : be |
| :: : ${ }^{\text {a }}$ bracket, close | just w will | :\% his |
| colon | ${ }^{\text {k }}$ knowledge x it | $\because$ \% was |
| colon | 1 like ${ }^{\text {l }}$ y you |  |
| comma | $\begin{array}{llll}\mathrm{m} & \text { more } & \mathrm{z} & \text { as } \\ \mathrm{n} & \text { not } & & \end{array}$ | :: were |
|  | WHOLE-WORD CT'NS | : 0 to |
| :. :\% :\% :\% double dash | $\because \quad$ child $\quad!\quad$ which | $\begin{array}{ll} \because: \because & \text { into } \\ \vdots: & \text { by } \end{array}$ |
| : .: : $:$ ellipsis | !: shall : : out | PART-WORD LOWER |
| :! exclamation point | $\because$ this : $!$ still | SIGNS |
| :. hyphen |  | : ${ }^{\text {e }}$ |
| : $\quad$ line sign | OK with apostrophe | : $\quad$ con |
| slash | can's can't |  |
| slash | it's it'd it'll | $\because:$ dis |
| :: parentheses, open \& | people's | com |
| close | so's | :. en |
| :: period | still's that's that'll |  |
|  | that's that'd that'll | :- in |
| :: question mark | you'd you'll | ------------- |
| quotation marks: | you're you've will's | ea |
| :: double, open |  | bb |
| :: double, close | PART \& WHOLE-WORD |  |
| : | CT'NS | cc |
| : :\% single, open | : $:$ and $\quad$ ! the | $\because$ dd |
| :: : $:$ single, close |  | : 0 ff |
| : $\quad$ semicolon | -. of | :: gg |



## FINAL-LR CT'NS



SHORT-FORM WORDS

* Special rules apply.
about ab
above abv
according ac
across acr
* after af
afternoon afn
afterward afw
again ag
against agst
almost alm already alr also al
although alth
altogether alt
always alw
because bec
before bef
behind beh
below bel
beneath ben
beside bes
between bet
beyond bey
* blind bl
braille brl
children chn
conceive concv
conceiving concvg
could cd
deceive dcv
deceiving dcvg
declare dcl
declaring dclg
either ei
first fst
* friend fr
good gd
great grt
herself herf
him hm
himself hmf immediate imm
its xs
itself xf
letter lr
little 11
much mch
must mst
myself myf
necessary nec
neither nei
o'clock o'c
oneself onef
ourselves ourvs
paid pd
perceive percv
perceiving percvg
perhaps perh
quick qk
receive rcv
receiving rcvg
rejoice rjc
rejoicing rjcg
said sd
should shd
such sch
themselves themvs
thyself thyf
today td
together $\operatorname{tgr}$
tomorrow tm
tonight tn
would wd
your yr
yourself yrf
yourselves yrvs


## SYMBOLS

| -: | cent(s) ¢ |
| :---: | :---: |
| : : : | degree(s) ${ }^{0}$ |
| ! | ditto sign " |
| $\because$ | dollar(s) \$ |
| !?: | foot, feet ' |
|  | fraction line / |
| : | inch(es) " |
| $\bigcirc!$ | inch - abbreviation |
| $\because 0:$ | minute(s) ${ }^{\prime}$ |
| - | $\because:$ number \# |
| $\because:$ | paragraph \\| |
| \% | percent \% |
|  | pound(s) sterling $£$ |
| : : : | pound(s) weight \# |
| ! ! : | second(s) " |
| $\because:$ | section § |
|  | transcriber's note symbol, open \& close |
| :\% | yen $¥$ |

## ASCII Braille Chart

| : | a |  |  |
| :---: | :---: | :---: | :---: |
| : | b | but |  |
| $\because$ | c | can |  |
| : | d | do |  |
| $\because$ | e | every |  |
| : | f | from |  |
| :: | g | go |  |
| : | h | have |  |
| $\because$ | i |  |  |
| : | j | just |  |
| : | k | knowledge |  |
| : | 1 | like |  |
| : | m | more |  |
| : | n | not |  |
| : | o |  |  |
| : | p | people |  |
| : | q | quite |  |
| : | r | rather |  |
| : | s | so |  |
| : | t | that |  |
| : | u | us |  |
| : | v | very |  |
| : | w | will |  |
| $\because:$ | x | it |  |
| : | y | you |  |
| : | z | as |  |
| - | , | capital sign |  |
| : :\% | ,7 | [ |  |
| : $:$ | ,8 | ' (opening) |  |
| \% | 99 | * (asterisk) |  |
| - 0 | "' | ... (ellipsis) |  |
| :\%: | -- | (dash) |  |
| : | . | italic sign | decimal point |
| : | ; | letter sign |  |
| : | ,1 | ditto $(5,1)$ |  |
| .: | , | double capital sig |  |
| :: $:$ | 7' | ] |  |
| : 0 | 0' | ' (closing) |  |
| 0 | ' | (apostrophe) |  |
| : | @ | (accent sign) |  |
| .. | ---- | (double dash) |  |
| : : | .. | double italic sign |  |
| . ${ }^{\text {a }}$ | ,' | termination sign |  |
| : | 1 | ea |  |
| : | 2 | be bb | ; |
| : | 3 | con cc | : |
| : | 4 | dis dd | \$ |
| : | 5 | en enough |  |
| : | 6 | to ff | ! |
| :: | 7 | were gg | ( ) |


| :! | 8 | his | " ? | ? |
| :---: | :---: | :---: | :---: | :---: |
| : | 9 | in |  |  |
| $\because:$ | 96 | into |  |  |
| : | 0 | was | by | "(closing) |
| $\bigcirc$ | / | st | still | fraction line |
| : | \# | ble | \# |  |
| : | - | com | - |  |
| :: | \& | and |  |  |
| : | $=$ | for |  |  |
| : | ( | of |  |  |
| :: | ! | the |  |  |
| : | ) | with |  |  |
| $\because$ | * | ch | child |  |
| : | < | gh |  |  |
| $\because$ | \% | sh | shall |  |
| : | ? | th | this |  |
| $\because$ | : | wh | which |  |
| : | + | ing |  |  |
| : | > | ar |  |  |
| : | \$ | ed |  |  |
| : | ] or \} | er |  |  |
| :\% | \or ${ }^{\text {\| }}$ | ou | out |  |
| $\therefore$ | [ or $\{$ | ow |  |  |
| $0:$ | "d | day |  |  |
| $0 \%$ | "e | ever |  |  |
| \%: | "f | father |  |  |
| : $:$ | "h | here |  |  |
| $0:$ | "k | know |  |  |
| 0 | " | lord |  |  |
| $0:$ | "m | mother |  |  |
| : $:$ | "n | name |  |  |
| $\because \%$ | "0 | one |  |  |
| : | "p | part |  |  |
| : $:$ | "q | question |  |  |
| : : | "r | right |  |  |
| $0:$ | "s | some |  |  |
| : | "t | time |  |  |
| $0:$ | "u | under |  |  |
| \%: | "w | work |  |  |
| : $:$ | "y | young |  |  |
| : $:$ | "! | 5the | there |  |
| $0:$ | "* | 5ch | character |  |
| $0:$ | "? | 5th | through |  |
| $0:$ | ": | 5wh | where |  |
| : : | " | 500 | ought |  |
| : | $\wedge \mathrm{u}$ | 4-5u | upon |  |
| : : | $\wedge_{W}$ | 4-5w | word |  |
| : : $:$ | $\wedge!$ | 4-5the | these |  |


| : $:$ | $\wedge$ ? | 4-5th | those | : $:$ : \% : : : | 3cv | conceive |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| : $:$ | $\wedge$ : | 4-5wh | whose | : $:$ : : : : : : : | 3cvg | conceiving |
| : | _c | 4-5-6c | cannot | $\because:$ | cd | could |
| : : | _h | 4-5-6h | had | : $:$ : : | dcv | deceive |
| : $:$ | _m | 4-5-6m | many | : : : : : | dcvg | deceiving |
| : : | _s | 4-5-6s | spirit | : $:$ : | dcl | declare |
| : : : | _W | 4-5-6w | world | : : : : : | dclg | declaring |
| : : : | _! | 4-5-6the | their | $\because 6$ | ei | either |
|  |  |  |  | : $:$ | f/ | first |
| $0:$ | .d | 4-6d | ound | : : | fr | friend |
| : 0 | .e | 4-6e | ance | : : : | gd | good |
| : | .n | 4-6n | sion | : : : : | grt | great |
| $0:$ | .s | 4-6s | less | : \%: \% : | h]self | herself |
| : $:$ | .t | 4-6t | ount | : \% | hm | him |
| : $:$ | ; | 5-6e | ence | : : : : | hmf | himself |
| : $:$ | ;g | 5-6g | ong |  | imm | immediate |
| : | ; | 5-61 | ful | : $:$ : $:$ | xs | its |
| : $:$ | ; | 5-6n | tion | : : : : : | xsf | itself |
| : $:$ | ; | 5-6s | ness | : : | lr | letter |
| : : | ;t | 5-6t | ment | : | 11 | little |
| :: | ; y | 5-6y | ity | : $:$ : | m* | much |
| : | ,n | 6 n | ation | : $:$ : : | m/ | must |
| : | , y | $6 y$ | ally | : $:$ : $: ~:$ | myf | myself |
|  |  |  |  | : $: \square$ | nec | necessary |
| : | ab | about |  | : $0:$ | nei | neither |
| : : : | ab | above |  | : $\because:$ | o'c | o'clock |
| : $:$ | ac | according |  | : $0:$ | "0 | oneself |
| : : : | acr | across |  | : $:$ : \% : : \% | \rvs | ourselves |
| : $:$ | af | after |  | : $:$ | pd | paid |
| : : : | afn | afternoon |  | : $: \square: \%$ : $:$ : | $\mathrm{p}] \mathrm{cv}$ | perceive |
| : $:$ : | afn | afterward |  | : $: 0: 0: 0:$ : | p[cvg | perceiving |
| : : | ag | again |  | : $0:$ : : | p]h | perhaps |
| : : : : : | ag/ | against |  | : $:$ | qk | quick |
|  | alm | almost |  | : $:$ : : | rcv | receive |
| : : : | alr | already |  |  | rcvg | receiving |
| : | al | also |  | : : : : : | rjc | rejoice |
| : $:$ : : : | al? | although |  | : $:$ : : : | rjcg | rejoicing |
| : : | alt | altogether |  | : : | sd | said |
| : : : | alw | always |  | : : : : | \%d | should |
| : $0: 0$ | 2c | because |  | : $0:$ | s* | such |
| : \%: | 2 f | before |  | : : : : \% : : : : | !mvs | themselves |
| : \%: | 2h | behind |  | : : : : : : | ? yf | thyself |
| : \% : | 21 | below |  | : : | td | today, to-day |
| : $: ~: ~ \% ~$ | 2n | beneath |  | : : : : | $\operatorname{tg} \mathrm{r}$ | together |
| : \% : | 2s | beside |  | : : | tm | tomorrow, to-morrow |
| : \%: | 2 t | between |  | :: | tn | tonight, to-night |
| : \% : | 2 y | beyond |  | : : | wd | would |
| : | bl | blind |  | : | yr | your |
| : : : | brl | braille |  |  | yrf | yourself |
| : : : $:$ | *n | children |  | : $:$ : $:$ : $:$ : | yrvs | yourselves |

