Numbers below correspond to the sections of
John Wells' full proposal (PDF document):
"Computer-coding the IPA: a proposed extension of SAMPA"
Available at:
http://www.phon.ucl.ac.uk/home/sampa/x-sampa.htm

Extras, not in Wells' proposal:


.                    .

_=                   ˈ
n_=              n̩
_j               ʲ
t_j              tʲ
_~               ̃
n_~              ñ


End of extras


a            a
b            b
c            c
d            d
e            e
f            f
g            g
h            h
i            i
j            j
k            k
l            l
m            m
n            n

| | |
|---|---|
| o | o |
| p | p |
| q | q |
| r | r |
| s | s |
| t | t |
| u | u |
| v | v |
| w | w |
| x | x |
| y | y |
| z | z |
| | |
| A | ɑ |
| B | β |
| C | ç |
| D | ð |
| E | ɛ |
| F | ɱ |
| G | ɣ |
| H | ɥ |
| I | ɪ |
| J | ɲ |
| K | ɬ |
| L | ʎ |
| M | ɯ |
| N | ŋ |
| O | ɔ |
| P | ʊ |
| Q | ɒ |
| R | ʁ |
| S | ʃ |

| T | θ |
|---|---|
| U | ʊ |
| V | ʌ |
| W | ʍ |
| X | χ |
| Y | ʏ |
| Z | ʒ |

___ 3. vowels ___

| A | ɑ |
|---|---|
| { | æ |
| 6 | ɐ |
| Q | ɒ |
| E | ɛ |
| @ | ə |
| 3 | ɜ |
| I | ɪ |
| O | ɔ |
| 2 | ø |
| 9 | œ |
| & | Œ |
| U | ʊ |
| } | ʉ |
| V | ʌ |
| Y | ʏ |

___ 3. consonants ___

| B | β |
|---|---|
| C | ç |
| D | ð |

| | |
|---|---|
| G | ɣ |
| L | ʎ |
| J | ɲ |
| N | ŋ |
| R | ʁ |
| S | ʃ |
| T | θ |
| H | ɥ |
| Z | ʒ |
| ? | ʔ |

___ 3. length, stress ___

| | |
|---|---|
| : | ː |
| a: | aː |
| " | ˈ |
| "a | ˈa |
| % | ˌ |
| %a | ˌa |
| <TB> | ꜜ |
| <BT> | ꜛ |

___ 3. diacritics ___

| | |
|---|---|
| = | ̍ |
| n= | n̩ |
| ~ | ̃ |
| n~ | ñ |

___ 5. ___

| | |
|---|---|
| ' | ʲ |

| | |
|---|---|
| t' | tʲ |
| r' | rʲ |
| s' | sʲ |
| z' | zʲ |

___ 6. ___

| | |
|---|---|
| ` | ˞ |
| @` | ɚ |
| 3` | ɝ |
| t` | ʈ |
| d` | ɖ |
| n` | ɳ |
| s` | ʂ |
| z` | ʐ |
| l` | ɭ |
| r` | ɽ |

___ 7. ___

| | |
|---|---|
| 1 | ɨ |
| 8 | ɵ |
| M | ɯ |
| 7 | ɤ |

___ 8. ___

| | |
|---|---|
| 4 | ɾ |
| 5 | ɬ |
| F | ŋ |
| K | ɫ |
| P | ʊ |

| | |
|---|---|
| W | ʍ |
| X | χ |

__ 9. __

| | |
|---|---|
| 1 | ɨ |
| 8 | ɵ |
| M | ɯ |
| 7 | ʏ |
| | |
| K | ɬ |
| 5 | ɫ |
| F | ɱ |
| 4 | ɾ |
| P | ʋ |
| W | ʍ |
| X | χ |
| | |
| @` | ɚ |
| t` | t |

__ 12. __

| | |
|---|---|
| B\ | ʙ |
| G\ | ɢ |
| H\ | ʜ |
| L\ | ʟ |
| N\ | ɴ |
| | |
| R | ʁ |
| R\ | ʀ |

| | |
|---|---|
| X\ | ħ |
| ?\ | ʕ |
| h\ | ɦ |
| J\ | ɟ |
| K\ | ɮ |
| p\ | ɸ |
| j\ | ʝ |
| M\ | ɰ |
| r\ | ɹ |
| r\` | ɻ |
| O\ | ʘ |
| @\ | ɘ |
| 3\ | ɞ |

Proposal has U+029A for 3\ instead of its mirror image U+025E
But proposal describes it as "open-mid central-rounded vowel"
This really should be U+025E
cf. Unicode specification:
U+025E - lower-mid central rounded vowel
U+029A - lower-mid front rounded vowel, non-IPA alternative for preferred U+0153 oe-ligature
See also the vowels on the well-known IPA chart

| | |
|---|---|
| l\ | ɺ |
| <\ | ʢ |
| >\ | ʡ |
| s\ | ɕ |
| z\ | ʑ |
| x\ | ɧ |

| | |
|---|---|
| I\ | ɨ |
| U\ | ʊ |

___ 13. ___

| | |
|---|---|
| _w | ʷ |
| t_w | tʷ |
| _G | ˠ |
| t_G | tˠ |
| _?\ | ˤ |
| t_?\ | tˤ |
| _n | ⁿ |
| d_n | dⁿ |
| _l | ˡ |
| d_l | dˡ |
| | |
| _h | ʰ |
| t_h | tʰ |

___ 14. ___

| | |
|---|---|
| _> | ʼ |
| p_> | pʼ |
| t_> | tʼ |
| k_> | kʼ |
| s_> | sʼ |
| | |
| b_< | ɓ |
| d_< | ɗ |
| J\_< | ʄ |
| g_< | ɠ |
| G\_< | ʛ |

p_<          # p_<
t_<          # t_<
c_<          # c_<
k_<          # k_<
q_<          # q_<

___ 15. ___


_0           ̥
n_0          n̥
_v           ̌
s_v          s̬
_O           ̓
O_O          ̧
_c           ̔
O_c          ̧
_+           ̟
u_+          u̟
_-           ̠
i_-          i̠
_"           ̈
e_"          ë
_x           ̽
e_x          ě
_^           ̂
i_^          i̭

_t           ̤
b_t          ḅ
_k           ̰
b_k          ḇ

| | |
|---|---|
| _N | ̃ |
| t_N | ̰t |
| | |
| _d | ̚ |
| t_d | t̚ |
| _a | ̪ |
| t_a | t̪ |
| _m | ̥ |
| t_m | t̥ |
| | |
| _} | ̚ |
| d_} | d̚ |
| | |
| _e | ~ |
| b_e | b̃ |
| d_e | d̃ |
| f_e | f̃ |
| l_e | ł |
| 5 | ł |
| m_e | m̃ |
| n_e | ñ |
| p_e | p̃ |
| r_e | r̃ |
| 4_e | ɾ̃ |
| s_e | s̃ |
| t_e | t̃ |
| z_e | z̃ |
| | |
| _r | ̗ |
| e_r | ẹ |
| _o | ̗ |
| e_o | ẹ |

| | |
|---|---|
| _A | ꞈ |
| a_A | ạ |
| _q | ꞈ |
| a_q | ạ |

___ 16. ___

| | |
|---|---|
| _ | ͡ |
| _s | ͡s |
| t_s | ͡ts |
| _S | ͡ʃ |
| _z | ͡z |
| _Z | ͡ʒ |
| _p | ͡p |
| k_p | ͡kp |
| _b | ͡b |
| _i | ͡i |
| _u | ͡u |
| _y | ͡y |

| | |
|---|---|
| - | |
| t-Sl | tʃl |

___ 17. ___

| | |
|---|---|
| \|\ | \| |
| !\ | ! |
| \|\\|\ | ‖ |
| =\ | ǂ |
| O\ | ⊙ |

__ 18. __

| | |
|---|---|
| 5 | ł |
| e_l | e<sup>l</sup> |
| P | ʋ |
| v\ | ʋ |

| | | |
|---|---|---|
| _> | ' | |
| _< | | # _< |
| _? | | # _? |

__ 19. __

| | |
|---|---|
| :\ | ' |
| e:\ | e' |
| _X | ˘ |
| e_X | ĕ |
| -\ | ‿ |
| a-\e | a͜e |

| | |
|---|---|
| \| | \| |
| \|\| | ‖ |

__ 22. __

| | |
|---|---|
| <T> | ˥ |
| <H> | ˦ |
| <M> | ˧ |
| <L> | ˨ |
| <B> | ˩ |

| | |
|---|---|
| \<BT\> | ∕ |
| \<TB\> | \ |
| | |
| \<!\> | ↓ |
| \<^\> | ↑ |
| \<R\> | ↗ |
| \</\> | ↗ |
| \<F\> | ↘ |
| \<\\> | ↘ |

___ 23. ___

| | |
|---|---|
| _T | ˝ |
| e_T | e̋ |
| _H | ´ |
| e_H | é |
| _M | ¯ |
| e_M | ē |
| _L | ` |
| e_L | è |
| _B | ˵ |
| e_B | ȅ |
| | |
| _R | ˇ |
| e_R | ě |
| _/ | ˇ |
| e_/ | ě |
| _L_H | ˇ |
| e_L_H | ě |
| | |
| _F | ^ |
| e_F | ê |

```
_\              ^
e_\             ê
_H_L            ^
e_H_L            ê


_T_H            ˉ
e_T_H            ē
_B_L            ˎ
e_B_L            è
_H_T            ˊ
e_H_T            é
_L_B            ˋ
e_L_B            è


Different from Wells: _M_H_L  "rising-falling"
_L_H_L          ˅
e_L_H_L          ê
_R_F            ˅
e_R_F            ê
_/_\            ˅
e_/_\            ê


_H_L_H          ~
e_H_L_H          ẽ
_F_R            ~
e_F_R            ẽ
_\_/            ~
e_\_/            ẽ


___ 25. ___


!               ↓
```

^         ↑

___ all tones ___

| | |
|---|---|
| <B> | ⌟ |
| <L> | ⊣ |
| <M> | ⊣ |
| <H> | ⌉ |
| <T> | ⌐ |
| <BB> | ⌟ |
| <BL> | ⌡ |
| <BM> | ⟋ |
| <BH> | ⟋ |
| <BT> | ⟋ |
| <LB> | ⌟ |
| <LL> | ⊣ |
| <LM> | ⊣ |
| <LH> | ⟋ |
| <LT> | ⟋ |
| <MB> | ↓ |
| <ML> | ↓ |
| <MM> | ⊣ |
| <MH> | ⟋ |
| <MT> | ⟋ |
| <HB> | ↓ |
| <HL> | ↓ |
| <HM> | ↓ |
| <HH> | ⌐ |
| <HT> | ⟋ |
| <TB> | ↓ |
| <TL> | ↓ |
| <TM> | ↓ |

| | |
|---|---|
| \<TH\> | ˈ |
| \<TT\> | ˥ |
| \<BBB\> | ˩ |
| \<BBL\> | ˩ |
| \<BBM\> | ˩ |
| \<BBH\> | ˩ |
| \<BBT\> | ˩ |
| \<BLB\> | ˩ |
| \<BLL\> | ˩ |
| \<BLM\> | ˩ |
| \<BLH\> | ˩ |
| \<BLT\> | ˩ |
| \<BMB\> | ˩ |
| \<BML\> | ˩ |
| \<BMM\> | ˩ |
| \<BMH\> | ˩ |
| \<BMT\> | ˩ |
| \<BHB\> | ˩ |
| \<BHL\> | ˩ |
| \<BHM\> | ˩ |
| \<BHH\> | ˩ |
| \<BHT\> | ˩ |
| \<BTB\> | ˩ |
| \<BTL\> | ˩ |
| \<BTM\> | ˩ |
| \<BTH\> | ˩ |
| \<BTT\> | ˩ |
| \<LBB\> | ˩ |
| \<LBL\> | ˩ |
| \<LBM\> | ˩ |
| \<LBH\> | ˩ |
| \<LBT\> | ˩ |

| | |
|---|---|
| <LLB> | ⌐ |
| <LLL> | ⌐ |
| <LLM> | ⌐ |
| <LLH> | ⌐ |
| <LLT> | ⌐ |
| <LMB> | ⌐ |
| <LML> | ⌐ |
| <LMM> | ⌐ |
| <LMH> | ⌐ |
| <LMT> | ⌐ |
| <LHB> | ⌐ |
| <LHL> | ⌐ |
| <LHM> | ⌐ |
| <LHH> | ⌐ |
| <LHT> | ⌐ |
| <LTB> | ⌐ |
| <LTL> | ⌐ |
| <LTM> | ⌐ |
| <LTH> | ⌐ |
| <LTT> | ⌐ |
| <MBB> | ⌐ |
| <MBL> | ⌐ |
| <MBM> | ⌐ |
| <MBH> | ⌐ |
| <MBT> | ⌐ |
| <MLB> | ⌐ |
| <MLL> | ⌐ |
| <MLM> | ⌐ |
| <MLH> | ⌐ |
| <MLT> | ⌐ |
| <MMB> | ⌐ |
| <MML> | ⌐ |

| | |
|---|---|
| <MMM> | ⊣ |
| <MMH> | ⊣ |
| <MMT> | ⊣ |
| <MHB> | ⱱ |
| <MHL> | ⱱ |
| <MHM> | ⊣ |
| <MHH> | ⊣ |
| <MHT> | ⊣ |
| <MTB> | ⱴ |
| <MTL> | ⱴ |
| <MTM> | ⋏ |
| <MTH> | ⋏ |
| <MTT> | ⋏ |
| <HBB> | Ɐ |
| <HBL> | Ɐ |
| <HBM> | Ɐ |
| <HBH> | Ɐ |
| <HBT> | Ɐ |
| <HLB> | Ɐ |
| <HLL> | Ɐ |
| <HLM> | Ɐ |
| <HLH> | Ɐ |
| <HLT> | Ɐ |
| <HMB> | Ɐ |
| <HML> | Ɐ |
| <HMM> | Ɐ |
| <HMH> | Ɐ |
| <HMT> | Ɐ |
| <HHB> | Ɐ |
| <HHL> | Ɐ |
| <HHM> | ⊢ |
| <HHH> | ⊓ |

| | |
|---|---|
| \<HHT\> | |
| \<HTB\> | |
| \<HTL\> | |
| \<HTM\> | |
| \<HTH\> | |
| \<HTT\> | |
| \<TBB\> | |
| \<TBL\> | |
| \<TBM\> | |
| \<TBH\> | |
| \<TBT\> | |
| \<TLB\> | |
| \<TLL\> | |
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| \<TLT\> | |
| \<TMB\> | |
| \<TML\> | |
| \<TMM\> | |
| \<TMH\> | |
| \<TMT\> | |
| \<THB\> | |
| \<THL\> | |
| \<THM\> | |
| \<THH\> | |
| \<THT\> | |
| \<TTB\> | |
| \<TTL\> | |
| \<TTM\> | |
| \<TTH\> | |
| \<TTT\> | |