PHONETIC
SPEECH
DICTIONARY
for the
SC-01
SPEECH
SYNTHESIZER

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INTRODUCTION

VOTRAX® Speech Synthesis Technology produces each of the 45 basic speech sounds, called phonemes. This handy dictionary gives you quick access to the VOTRAX® phoneme sequences used to create approximately 1400 words. Because VOTRAX® speech synthesis uses these basic phonetic sounds, you may program virtually any word in the English language by learning to use and combine the various phoneme codes.

This dictionary is intended for use with the SC-01 Speech Synthesizer. It can also serve as a guide for programming any product containing a VOTRAX® synthesizer.

GENERAL DESCRIPTION OF THE SC-01 CHIP

The SC-01 Speech Synthesizer is a completely self-contained solid state device. This single chip phonetically synthesizes continuous speech, of unlimited vocabulary, from low data rate inputs.

Speech is synthesized by combining phonemes (the building blocks of speech) in the appropriate sequence. The SC-01 Speech Synthesizer contains 64 different phonemes which are accessed by a 6-bit code. It is the proper sequential combination of these phoneme codes that creates continuous speech.

PHONEME DESCRIPTION

Table 1 lists the 64 phonemes produced by the SC-01. Each sound is represented by its VOTRAX™ phoneme code and is accompanied by its phoneme symbol and an example. The underlined segments of the example word demonstrate the phoneme use, i.e., sound to be pronounced.

Table 2 provides the phoneme sequences used to produce vowels in the group called dipthongs, (2 vowel sounds in sequence, identified as a single sound, e.g., the long "i" vowel).

TABLE 1: PHONEME CHART

Phoneme Code	Phoneme Symbol	Duration (ms)	Example Word
00	EH3	59	jacket
01	EH2	71	enlist
02	EH1	121	heavy
03	PA0	47	no sound
04	DT	47	butter
05	A2	71	made
06	A1	103	made
07	ZH	90	azure
08	AH2	71	honest
09	I3	55	inhibit
0A	I2	80	inhibit
0B	I1	121	inhibit
0C	M	103	mat
0D	N	80	sun
0E	B	71	bag
0F	V	71	van
10	CH*	71	chip
11	SH	121	shop
12	Z	71	zoo
13	AW1	146	lawful
14	NG	121	thing
15	AH1	146	father
16	OO1	103	looking
17	OO	185	book
18	L	103	land
19	K	80	trick
1A	J*	47	judge
1B	H	71	hello
1C	G	71	get
1D	F	103	fast
1E	D	55	paid
1F	S	90	pass

/T/ must precede /CH/ to produce CH sound.
/D/ must precede /J/ to produce J sound.

TABLE 1: PHONEME CHART

Phoneme Code	Phoneme Symbol	Duration (ms)	Example Word
2∅	A	185	day
21	AY	65	day
22	Y1	80	yard
23	UH3	47	mission
24	AH	250	mop
25	P	103	past
26	O	185	cold
27	I	185	pin
28	U	185	move
29	Y	103	any
2A	T	71	tap
2B	R	90	red
2C	E	185	meet
2D	W	80	win
2E	AE	185	dad
2F	AE1	103	after
30	AW2	90	salty
31	UH2	71	about
32	UH1	103	uncle
33	UH	185	cup
34	02	80	for
35	01	121	aboard
36	IU	59	you
37	U1	90	you
38	THV	80	the
39	TH	71	thin
3A	ER	146	bird
3B	EH	185	get
3C	E1	121	be
3D	AW	253	call
3E	PA1	185	no sound
3F	STOP	47	no sound

TABLE 2: DIPTHONG CHART

Phoneme Combination	Key Words
A1-AY-Y	fate, maid
AH1-EH3-Y	find, wide
UH3-AH2-Y	fight, white
AH1-I3-UH3-L	file, smile
01-UH3-Y	foy, boy
01-I3-UH3-L	foil, spoil
AH1-02-U1	found, cow
UH3-AH2-U1	foust, house
O1-U1	float, note
Y1-IU-U1	few, you, music
AY-I1	fear, beer

Phonetic Programs

A	A1, AY, Y
a-2	UH2, UH3
able	A1, Y, B, UH3, L
abort	UH1, B, O2, O2, R, T
about	UH1, B, UH2, AH2, U1, T
above	UH1, B, UH1, UH3, V
accept	EH1, K, PAO, S, EH1, EH3, P, T
access	AE1, EH3, K, PAO, S, EH1, EH3, S
account	UH1, K, AH1, UH3, W, N, T
acid	AE1, EH3, S, I1 D
act	AE1, EH3, K, T
active	AE1, EH3, K, T, I1, V
actual	AE1, EH3, K, T, CH, U1, UH3, L
add	AE1, EH3, D
address	AE1, EH3, D, R, EH1, EH3, S
ade	(use "aid" program)
adjust	UH1, D, J, UH1, UH3, S, T
adjucent	UH1, D, J, A1, AY, S, EH3, N, T
advance	AE1, EH3, D, V, AE1, EH3, N, T, S
advise	AE1, EH3, D, V, AH1, EH3, Y, Z
affect	UH1, F, EH1, EH3, K, T
after	AE1, EH3, F, T, ER
again	UH1, G, A2, EH1, N
age	A1, AY, Y, D, J
agent	A1, Y, D, J, EH3, N, T
ahead	UH1, H, EH1, EH3, D
aid	A1, AY, Y, D
air	EH2, EH2, R
alarm	UH1, L, AH1, R, M
alert	UH1, L, ER, R, T
all	AW, L
allocate	AE1, UH3, L, UH2, K, A1, Y, T
allow	UH1, L, AH1, UH3, U1
alpha	AE1, AW2, L, F, UH1
already	AW, L, R, EH1, EH3, D, Y
also	AW, L, S, O1, U1
altitude	AE1, UH3, L, T, I2, T, IU, U1, U1, D
aluminum	UH1, L, IU, U1, M, I3, N, UH1, M
am	AE1, EH3, M

america	UH1, M, EH1, R, I3, K, UH2, UH3
amount	UH1, M, AH1, UH3, W, N, T
amp	AE1, EH3, M, P
amplify	AE1, EH3, M, P, L, I3, F, AH1, EH3, AY
an	AE1, EH3, N
and	AE1, EH3, N, D
angle	AE1, EH3, NG, G, UH3, L
another	UH1, N, UH1, UH3, THV, ER
answer	AE1, EH3, N, S, ER
any	EH2, EH2, N, Y
apostrophe	UH1, P, AH1, UH3, S, T, R, UH3, F, Y
approach	UH1, P, R, O1, U1, T, CH
approve	UH1, P, R, IU, U1, U1, V
approximate	UH1, P, R, AH1, K, PAO, S, EH3, M, I3, T
approximate-2	UH1, P, R, AH1, K, PAO, S, EH3, M, A2, Y, T
april	A1, Y, P, R, UH2, L
architect	AH1, R, K, UH2, T, EH3, EH2, K, T
are	(see "R" program)
area	EH1, EH3, R, Y, UH1
arrive	UH1, R, AH1, EH3, Y, V
arrow	EH1, EH3, R, O1, U1
article	AH1, R, T, EH3, K, UH3, L
as	AE1, EH3, Z
ASCII	AE1, EH3, S, K, Y
ask	AE1, EH3, S, K
assemble	UH1, S, EH1, EH3, M, B, UH3, L
asset	AE1, EH3, S, EH1, T
assign	UH1, S, AH1, EH3, Y, N
assist	UH1, S, I1, I3, S, T
associate	UH1, S, O1, SH, Y, A1, Y, T
associate-2	UH1, S, O1, SH, Y, I2, T
assume	UH1, S, IU, U1, M
at	AE1, EH3, T
ate	(see "eight" program)
attach	UH1, T, AE1, EH3, T, CH
attempt	UH1, T, EH1, EH3, M, P, T
attend	UH1, T, EH1, EH3, N, D
audio	AW, D, Y, O1, U1

Word	Phonemes
august	AW2, AW2, G, EH2, S, T
authorize	AW2, AW2, TH, ER, AH1, Y, Z
automatic	AW2, AW2, DT, UH3, M, AE1, EH3, DT, I3, K
available	UH1, V, A1, Y, L, UH3, B, UH3, L
average	AE1, EH3, V, R, I1, D, J
avoid	UH1, V, O1, UH3, I3, AY, D
B	B, E1, Y
back	B, AE1, AE1, K
bad	B, AE1, AE1, D
badge	B, AE1, AE1, D, J
bag	B, AE1, AE1, G
balance	B, AE1, AH2, L, I3, N, DT, S
ball	B, AW2, AW1, L
band	B, AE1, EH3, N, D
bank	B, AE1, I3, NG, K
bar	B, AH1, UH3, R
base	B, A1, AY, Y, S
basic	B, A1, Y, S, I2, K
bat	B, AE1, EH3, T
batch	B, AE1, EH3, T, CH
bath	B, AE1, AE1, EH3, TH
battery	B, AE1, EH3, T, ER, Y
be	(use "B" program)
bed	B, EH1, EH3, D
been	B, EH1, EH3, N
beep	B, E1, Y, P
before	B, Y, F, O2, O2, R
begin	B, Y, G, I1, I3, N
bell	B, EH1, UH3, L
below	B, Y, L, UH3, O2, U1
bend	B, EH1, EH3, N, D
best	B, EH1, EH3, S, T
beta	B, A2, A2, AY, T, UH2
better	B, EH1, EH3, T, ER
between	B, Y, T, W, E1, Y, N
bid	B, I1, I3, D
big	B, I1, I3, G
bill	B, I1, I3, L
billion	B, I1, I3, L, Y, UH3, N
bin	B, I1, I3, N
binary	B, AH1, Y, N, EH3, EH3, ER, Y

Word	Phonemes
birthday	B, ER, R, TH, D, A1, I3, Y
bit	B, I1, I3, T
bite	B, UH3, AH2, Y, T
black	B, L, AE1, EH3, K
blank	B, L, AE1, EH3, NG, K
blew	(use "blue" program)
blind	B, L, AH1, EH3, Y, N, D
block	B, L, AH1, UH3, K
blown	B, L, O1, U1, N
blue	B, L, IU, U1, U1
blur	B, L, ER, R
board	B, O1, O2, R, D
bolt	B, O2, O2, L, T
bond	B, AH1, UH3, N, D
book	B, OO1, OO1, K
bored	(use "board" program)
boss	B, AW1, AW2, S
bother	B, AH1, UH3, THV, ER
bottom	B, AH1, UH3, T, UH1, M
bought	B, AW1, AW2, T
box	B, AH1, UH3, K, PAO, S
brace	B, R, A1, Y, S
brain	B, R, A1, Y, N
brake	B, R, A1, Y, K
branch	B, R, AE1, EH3, N, T, CH
bravo	B, R, AH1, UH3, V, O1, U1
break	(use "brake" program)
bridge	B, R, I1, I3, D, J
brief	B, R, AY, Y, F
bright	B, R, UH3, AH2, Y, T
bring	B, R, I1, I3, NG
broke	B, R, O1, U1, K
brought	B, R, AW, T
brown	B, R, AH1, UH3, U1, N
bubble	B, UH1, UH2, B, UH3, L
budget	B, UH1, UH3, D, J, I2, T
bug	B, UH1, UH2, G
build	B, I2, I2, L, D
bus	B, UH1, UH2, S
business	B, I3, I3, Z, N, EH2, S
busy	B, I3, I2, Z, Y
but	B, UH1, UH2, T
button	B, UH1, UH3, T, EH3, N
buy	B, AH1, EH3, I3, Y

Word	Phonemes
by	B, AH1, EH3, I3, Y
bye	B, AH1, EH3, I3, Y
byte	(use "bite" program)
C	S, E1, Y
cable	K, A1, Y, B, UH3, L
calendar	K, AE1, UH3, L, I3, N, D, ER
calibrate	K, AE1, UH3, L, UH3, B, R, A1, Y, T
call	K, AW2, AW1, L
came	K, A1, AY, Y, M
can	K, AE1, EH3, N
cancel	K, AE1, EH3, N, S, UH3, L
capable	K, A1, Y, P, UH3, B, UH3, L
capacitor	K, UH2, P, AE1, EH3, S, EH3, T, ER
capacity	K, UH2, P, AE1, EH3, S, I3, DT, Y
car	K, AH1, UH3, R
card	K, AH1, R, D
care	K, EH3, EH3, ER
carpenter	K, AH1, R, P, I3, N, D, ER
carriage	K, EH2, EH3, R, I1, D, J
carry	K, EH2, EH3, R, Y
carton	K, AH1, R, T, I3, N
case	K, A1, AY, Y, S
cash	K, AE1, EH3, SH
cassette	K, UH1, S, EH1, EH3, T
cassette-2	K, A2, AY, S, EH1, EH2, T
category	K, AE1, EH3, DT, UH3, G, O1, R, Y
catalog	K, AE1, EH3, DT, UH3, L, AW2, AW2, G
caution	K, AW2, AW1, SH, UH3, N
cent	S, EH1, EH3, N, T
center	S, EH1, EH3, N, T, ER
centi	S, EH1. EH3, N, T, I1, I3
centigrade	S, EH1, N, T, I3, G, R, A1, Y, D
certify	S, R, R, T, I3, F, AH1, Y
change	T, CH, A1, AY, Y, N, D, J
character	K, EH1, R, EH1, K, T, ER
charge	T, CH, AH1, R, D, J
charlie	T, CH, AH1, R, L, Y
chart	T, CH, AH1, R, T
check	T, CH, EH1, EH3, K
cheer	T, CH, AY, I2, R
chip	T, CH, I1, I3, P
choice	T, CH, O1, UH3, I3, AY, S
circle	S, ER, R, K, UH3, L
circuit	S, R, R, K, I2, T
city	S, I1, T, Y
claim	K, L, A1, AY, Y, M
class	K, L, AE1, EH3, S
clean	K, L, E1, AY, N
clear	K, L, AY, I3, R
clerk	K, L, ER, K
clip	K, L, I1, I3, P
clock	K, L, AH1, UH3, K
close	K, L, UH3, O1, U1, Z
close-2	K, L, UH3, O2, U1, S
cloud	K, L, AH1, UH3, W, D
coarse	K, O1, O2, R, S
code	K, OO1, O2, U1, D
coin	K, O1, UH3, I3, AY, N
collar	K, AH1, UH3, L, ER
collect	K, UH1, L, EH1, K, T
colon	K, OO1, O2, U1, L, I2, N
color	K, UH2, UH2, L, ER
column	K, AH1, UH3, L, UH3, M
combine	K, UH2, M, B, AH1, EH3, Y, N
comma	K, AH1, UH3, M, UH1
command	K, UH2, M, AE, EH3, N, D
commerce	K, AH1, UH3, M, ER, S
commercial	K, UH1, UH3, M, ER, SH, UH3, L
communicate	K, UH2, M, Y1, IU, U1, N, I3, K, A1, Y, T
company	K, UH1, UH3, M, P, EH3, N, Y
compare	K, UH1, UH3, M, P, EH3, EH3, ER
compile	K, UH1, UH3, M, P, AH1, EH3, I3, UH3, L
complete	K, UH1, UH3, M, P, L, AY, Y, T
comply	K, UH1, UH3, M, P, L, AH1, EH3, Y
component	K, UH2, M, P, O2, O1, N, EH2, N, T
computer	K, UH1, M, P, Y1, IU, U1, T, ER

conceal	K, UH1, N, S, E1, AY, L
condense	K, UH1, N, D, EH1, EH3, N, S
condition	K, UH1, N, D, I1, I3, SH, UH3, N
confirm	K, UH1, N, F, ER, R, M
confuse	K, UH1, N, F, Y1, IU, U1, U1, Z
confusion	K, UH1, N, F, Y1, IU, U1, U1, ZH, UH3, N
congratulations	K, UH1, N, G, R, AE1, D, J, UH3, L, A1, AY, SH, UH3, N, Z
connect	K, UH1, N, EH1, EH3, K, T
console	K, AH1, UH3, N, S, O1, U1, L
console-2	K, UH1, N, S, O1, O2, L
consult	K, UH1, N, S, UH1, UH2, L, T
consume	K, UH1, N, S, IU, U1, U1, M
contain	K, UH3, UH3, N, T, A1, AY, Y, N
continue	K, UH1, N, T, I1, I3, N, Y1, IU, U1
contract	K, AH1, UH3, N, T, R, AE1, EH3, K, T
contrast	K, AH1, UH3, N, T, R, AE1, EH3, S, T
control	K, UH1, N, T, R, O1, O2, L
convenient	K, UH2, N, V, E1, N, AY, EH3, N, T
copper	K, AH1, UH3, P, ER
copy	K, AH1, UH3, P, Y
correct	K, O2, O2, R, EH1, EH3, K, T
correspond	K, O1, R, I3, S, P, AH1, AH2, N, D
cosine	K, O1, U1, S, AH1, Y, N
cost	K, AW2, AW1, S, T
could	K, IU, IU, OO1, D
count	K, AH1, UH3, W, N, T
country	K, UH1, N, T, R, Y
couple	K, UH3, UH1, P, UH3, L
courage	K, ER, R, I3, D, J
course	K, O1, O2, R, S
court	K, O1, O2, R, T
cover	K, UH1, UH3, V, ER
crane	K, R, A1, AY, Y, N
crash	K, R, AE1, EH3, SH
crease	K, R, E1, Y, S
create	K, R, Y, A1, Y, T
creation	K, R, Y, A1, Y, SH, UH3, N

credit	K, R, EH1, EH3, D, I1, T
crew	K, R, IU, U1, U1
critical	K, R, I1, T, I3, K, UH3, L
cross	K, R, AW, S
crowd	K, R, AH1, UH3, U1, D
cry	K, R, AH1, EH3, I3, Y
cue	(use "Q" program)
cup	K, UH1, UH2, P
curious	K, Y, ER, Y, UH1, S
current	K, ER, R, EH3, N, T
currency	K, ER, R, I2, N, DT, S, Y
curse	K, ER, R, S
curve	K, ER, R, V
customer	K, UH1, UH2, S, T, UH1, M, ER
cut	K, UH1, UH2, T
cycle	S, UH3, AH2, Y, K, UH3, L
D	D, E1, Y
daily	D, A1, AY, Y, L, Y
damage	D, AE1, EH3, M, I1, D, J
danger	D, A1, AY, Y, N, D, J, ER
dark	D, AH1, R, K
dash	D, AE1, EH3, SH
data	D, A1, Y, DT, UH1
date	D, A1, AY, Y, T
day	D, A1, I3, Y
dead	D, EH1, EH3, F
dealer	D, E1, AY, L, ER
dear	D, AY, I3, R
debit	D, EH1, EH3, B, I2, T
debt	D, EH1, EH3, T
december	D, Y, S, EH1, EH3, M, B, ER
decide	D, Y, S, AH1, EH3, Y, D
decimal	D, EH1, S, M, UH3, L
decision	D, Y, S, I1, ZH, UH3, N
decline	D, Y, K, L, AH1, EH3, Y, N
decrease	D, Y, K, R, E1, Y, S
deduct	D, Y, D, UH1, UH2, K, T
deep	D, E1, Y, P
deer	(use "dear" program)
defeat	D, Y, F, E1, AY, T
defend	D, Y, F, EH1, EH3, N, D
defensive	D, Y, F, EH1, EH3, N, S, I1, V
defer	D, E1, F, ER, R

Word	Phonetic Code
deficit	D, EH1, F, I3, S, I1, T
degree	D, Y, G, R, E1, Y
delay	D, I1, L, EH3, A1, Y
delete	D, E1, L, E1, Y, T
deliver	D, Y, L, I1, V, ER
delta	D, EH2, EH3, L, T, UH1
demand	D, Y, M, AE1, EH3, N, D
demonstrate	D, EH1, M, UH3, N, S, T, R, A1, Y, T
deny	D, Y, N, AH1, EH3, Y
destroy	D, Y, S, T, R, O1, UH3, I3, AY
detail	D, E, T, EH3, A1, I3, UH3, L
determine	D, Y, T, ER, M, I1, N
device	D, Y, V, UH3, AH2, Y, S
dew	(use "do" program)
diagnostic	D, AH1, AY, I3, G, N, AH1, UH3, S, T, I3, K
dial	D, AH1, EH3, I3, UH3, L
dictionary	D, I1, I3, K, SH, UH3, N, EH3, EH3, ER, Y
did	D, I1, I3, D
die	D, AH1, EH3, Y
diet	D, AH1, EH3, AY, I2, T
differ	D, I1, I3, F, ER
difference	D, I1, F, R, EH3, N, DT, S
different	D, I1, F, R, EH3, N, T
digit	D, I1, D, J, I1, T
digital	D, I1, D, J, I3, T, UH3, L
dime	D, AH1, EH3, Y, M
diode	D, AH1, EH3, AY, O1, U1, D
direct	D, ER, EH1, EH3, K, T
directory	D, ER, EH1, EH3, K, T, ER, Y
dirt	D, ER, R, T
disagree	D, I1, S, UH1, G, R, E1, Y
disappear	D, I1, S, UH1, P, AY, I3, R
disconnect	D, I1, S, K, UH1, N, EH1, EH3, K, T
discuss	D, I1, I3, S, K, UH1, UH2, S
disk	D, I1, I3, S, K
display	D, I1, I3, S, P, L, A1, I3, Y
distance	D, I1, S, T, EH3, N, T, S
divide	D, I1, V, AH1, EH3, Y, D
dividend	D, I1, V, I1, D, EH1, EH3, N, D
division	D, I1, V, I1, ZH, UH3, N
do	D, IU, U1, U1
dock	D, AH1, UH3, K
doctor	D, AH1, UH3, K, T, ER
document	D, AH1, K, Y1, UH3, M, EH3, N, T
does	D, UH2, UH1, Z
dollar	D, AH1, UH3, L, ER
done	D, UH1, UH3, N
door	D, O1, O2, R
double	D, UH3, UH1, B, UH3, L
doubt	D, UH3, AH2, U1, T
down	D, AH1, UH3, U1, N
draft	D, R, AE1, EH3, F, T
draw	D, R, AW
drill	D, R, I1, I3, L
drink	D, R, I1, I3, NG, K
drive	D, R, AH1, EH3, Y, V
drop	D, R, AH1, UH3, P
drum	D, R, UH1, UH2, M
dry	D, R, AH1, EH3, I3, Y
due	(use "do" program)
dump	D, UH1, UH2, M, P
duration	D, ER, R, A1, Y, SH, UH3, N
during	D, ER, R, I1, NG
duty	D, IU, U1, U1, T, Y
dwell	D, W, EH1, EH3, L
E	E1, Y
each	E1, AY, T, CH
ear	E1, I2, R
early	ER, R, L, Y
earn	ER, R, N
east	E1, AY, S, T
easy	E1, AY, Z, Y
echo	EH1, EH3, K, O1, U1
edge	EH1, EH3, D, J
edit	EH1, EH3, D, I2, T
educate	EH1, D, J, U1, K, A1, Y, T
effect	UH1, F, EH1, EH3, K, T
efficient	E1, F, I1, SH, EH3, N, T
effort	EH2, EH3, F, ER, T
eight	A2, A2, Y, T
eighth	A2, A2, Y, DT, DT, TH

Word	Phonemes	Word	Phonemes
eighty	A2, A2, Y, T, Y	exchange	EH1, EH3, K, PAO, S, T, CH, A1, AY, Y, N, D, J
either	E1, Y, THV, ER		
electric	EH3, L, EH1, K, T, R, I2, K	execute	EH1, EH3, K, PAO, S, UH3, K, Y1, IU, U1, T
electrician	EH3, L, EH1, K, PAO, T, R, I1, SH, UH3, N	exempt	EH1, EH3, G, PAO, Z, EH1, EH3, M, P, T
electronic	EH3, L, EH1, K, T, R, AH1, N, I2, K	exit	EH1, EH3, G, PAO, Z, I1, I3, T
elevator	EH1, L, UH3, V, A2, AY, D, ER	expect	EH1, EH3, K, PAO, S, P, EH1, EH3, K, T
eleven	EH1, L, EH1, EH3, V, I2, N	expedite	EH1, EH3, K, PAO, S, P, EH1, EH3, D, UH3, AH2, Y, T
eligible	EH1, L, UH3, D, J, EH3, B, UH3, L	expend	EH1, EH3, K, PAO, S, P, EH1, EH3, N, D
eliminate	EH1, L, I1, M, I1, N, A1, Y, T	experiment	EH1, K, PAO, S, P, EH1, R, UH3, M, EH3, N, T
else	EH1, EH3, L, S	exponent	EH1, K, PAO, S, P, O2, O2, N, EH3, N, T
emit	Y, M, I1, I3, T		
employ	EH1, EH3, M, P, L, O1, UH3, I3, AY	express	EH1, EH3, K, PAO, S, P, R, EH1, S
empty	EH1, EH3, M, P, T, Y	extension	EH1, EH3, K, PAO, S, T, EH1, EH3, N, SH, UH3, N
enable	EH1, N, A1, Y, B, UH3, L		
enclose	EH1, EH3, N, K, L, O1, U1, Z	F	EH1, EH2, F
end	EH1, EH3, N, D	face	F, A1, AY, Y, S
engine	EH1, EH3, N, D, J, I1, N	facility	F, UH2, S, I1, L, I3, T, Y
engineer	EH1, N, D, J, I2, N, AY, I1, R	fact	F, AE1, EH3, K, T
endorse	EH1, EH3, N, D, O2, O2, R, S	fahrenheit	F, EH1, R, I2, N, H, UH3, AH2, Y, T
english	I1, NG, G, L, I2, SH	fail	F, A1, AY, I3, UH3, L
enter	EH1, EH3, N, T, ER	fall	F, AW, L
entry	EH1, EH3, N, T, R, Y	false	F, AW, L, S
epsilon	EH1, P, S, UH3, L, AH1, UH3, N	familiar	F, UH1, M, I1, L, Y1, ER
equal	Y, K, W, UH3, L	far	F, AH1, UH3, R
equipment	E1, K, W, IL, P, M, EH3, N, T	farad	F, EH3, EH3, ER, AE1, EH3, D
erase	E1, R, A1, Y, S	fast	F, AE1, EH3, S, T
error	EH3, EH3, EH3, R, ER	fault	F, AW, L, T
escape	EH1, EH3, S, K, A1, AY, Y, P	feat	(use "feet" program)
escrow	EH1, EH3, S, K, R, O1, U1	feature	F, E1, AY, T, CH, ER
establish	UH1, S, T, AE1, EH3, B, L, I2, SH	february	F, EH1, B, Y1, IU, W, EH1, R, Y
estate	EH1, EH3, S, T, A1, AY, Y, T	federal	F, EH1, EH3, D, R, UH3, L
estimate	EH1, S, T, EH3, M, I3, T	fee	F, E1, Y
exact	EH1, EH3, G, PAO, Z, AE1, EH3, K, T	feed	F, E1, Y, D
examine	EH1, EH3, G, PAO, Z, AE1, EH3, M, I1, N	feet	F, E1, Y, T
exceed	EH1, EH3, K, PAO, S, E1, Y, D	female	F, AY, Y, M, A1, AY, UH3, L
except	EH1, EH3, K, PAO, S, EH1, EH3, P, T		

field	F, E1, AY, UH3, L, D
fifteen	F, I1, I3, F, T, E1, Y, N
fifth	F, I1, I3, F, TH
fifty	F, I1, I3, F, T, Y
file	F, AH1, EH3, I3, UH3, L
fill	F, I1, I3, L
final	F, AH1, Y, N, UH3, L
finance	F, AH1, EH3, Y, N, AE1, EH3, N, S
find	F, AH1, EH3, Y, N, D
finger	F, I1, I3, NG, G, ER
finish	F, I1, N, I1, SH
fire	F, AH1, EH3, AY, R
first	F, ER, R, S, T
fit	F, I1, I3, T
five	F, AH1, EH3, Y, V
fix	F, I1, I3, K, PAO, S
fixture	F, I1, I3, K, PAO, S, T, CH, ER
flash	F, L, AE1, EH3, SH
flat	F, L, AE1, EH3, T
flight	F, L, UH3, AH2, Y, T
flip	F, L, I1, I3, P
floor	F, L, O1, O2, R
flop	F, L, AH1, UH3, P
flow	F, L, O1, U1
fly	F, L, AH1, EH3, Y
fold	F, O2, O2, L, L, D
follow	F, AH1, AW2, L, O1, U1
food	F, U1, U1, D
foot	F, OO1, OO1, T
for	(use "four" program)
fore	(use "four" program)
force	F, O2, O2, R, S
foreman	F, O2, O2, R, M, EH2, N
forget	F, O2, O2, R, G, EH1, EH3, T
forgive	F, O2, O2, R, G, I1, I3, V
form	F, O2, O2, R, M
format	F, O2, O2, R, M, AE1, EH3, T
forty	F, O2, O2, R, T, Y
forward	F, O2, O2, R, W, ER, D
found	F, AH1, UH3, W, N, D
four	F, O1, O2, R
fourth	F, O1, O2, R, TH

fox trot	F, AH1, UH3, K, PAO, S, T, R, AH1, UH3, T
frame	F, R, A1, AY, Y, M
fraud	F, R, AW, D
free	F, R, E1, Y
french	F, R, EH1, EH3, N, T, CH
frequency	F, R, E1, K, W, EH3, N, DT, S, Y
frequent	F, R, E1, K, W, EH3, N, T
friday	F, R, AH1, EH3, Y, D, A1, I3, Y
fright	F, R, UH3, AH2, Y, T
from	F, R, UH1, UH3, M
front	F, R, UH3, UH1, N, T
fruit	F, R, IU, U1, T
fuel	F, Y1, IU, U1, UH3, L
full	F, OO1, L
function	F, UH1, UH2, N, K, SH, UH3, N
fund	F, UH1, UH2, N, D
furnace	F, ER, R, N, EH3, S
further	F, ER, R, THV, ER
future	F, Y1, IU, U1, T, CH, ER
G	D, J, E1, Y
gage	(use "gauge" program)
gain	G, A1, AY, Y, N
gait	(use "gate" program)
gallon	G, AE1, AH2, L, UH3, N
game	G, A1, AY, Y, M
gamma	G, AE1, EH3, M, UH2, UH3
gap	G, AE1, EH3, P
garage	G, UH1, R, AH1, UH3, ZH
gas	G, AE1, EH3, S
gate	G, A1, AY, Y, T
gauge	G, A1, AY, Y, D, J
general	D, J, EH1, EH3, N, ER, UH3, L
generate	D, J, EH1, N, ER, A1, Y, T
gentlemen	D, J, EH1, EH3, N, T, L, M, I2, N
german	D, J, ER, R, M, EH2, N
get	G, EH1, EH3, T
girl	G, ER, R, L
give	G, I1, I3, V
glass	G, L, AE1, EH3, S
glitch	G, L, I1, I3, T, CH
globe	G, L, O1, U1, B
go	G, OO1, O1, U1

Word	Phonemes
golf	G, AW2, AW2, UH3, L, F
good	G, OO1, OO1, D
govern	G, UH1, UH3, V, ER, N
grade	G, R, A1, AY, Y, D
gram	G, R, AE1, EH3, M
grand	G, R, AE1, EH3, N, D
graph	G, R, AE1, EH3, F
grate	(use "great" program)
gray	(use "grey" program)
great	G, R, A1, Y, T
green	G, R, E1, Y, N
greet	G, R, E1, Y, T
grey	G, R, A1, AY, Y
grind	G, R, AH1, EH3, Y, N, D
grocery	G, R, O1, U1, S, ER, Y
ground	G, R, AH1, UH3, W, N, D
group	G, R, U1, U1, P
grow	G, R, O1, U1
guard	G, AH1, R, D
guarantee	G, EH1, R, I3, N, T, E1, Y
guess	G, EH1, EH3, S
H	A1, AY, Y, T, CH
had	H, AE1, EH3, D
half	H, AE1, EH3, F
halt	H, AW, L, T
hammer	H, AE1, EH3, M, ER
hand	H, AE1, EH3, N, D
handle	H, AE1, EH3, N, D, UH3, L
hang	H, AE1, I3, NG
happy	H, AE1, EH3, P, Y
hard	H, AH1, R, D
has	H, AE1, EH3, Z
have	H, AE1, EH3, V
he	H, E1, Y
head	H, EH1, EH3, D
hear	H, AY, I3, R
heart	H, AH1, UH3, R, T
heat	H, E1, AY, T
heavy	H, EH1, V, Y
height	H, UH3, AH2, Y, T
held	H, EH1, UH3, L, D
hello	H, EH1, UH3, L, UH3, O1, U1
help	H, EH1, EH3, L, P
henry	H, EH1, EH3, N, R, Y
her	H, ER
here	(use "hear" program)
hertz	H, R, R, T, S
hex	H, EH1, EH3, K, PAO, S
high	H, AH1, EH3, Y
his	H, I1, I3, Z
hold	H, O2, O2, L, L, D
hole	H, O1, U1, L
home	H, O1, U1, M
hook	H, OO1, OO1, K
host	H, O1, U1, S, T
hot	H, AH1, UH3, T
hotel	H, O1, U1, T, EH2, EH2, L
hour	AH1, UH3, W, ER
house	H, UH3, AH2, U1, S
how	H, AH1, O2, U1
human	H, Y1, IU, U1, U1, M, EH2, N
hundred	H, UH1, UH2, N, D, R, I3, D
hungry	H, UH1, UH2, NG, G, R, Y
I	AH1, EH3, I3, Y
idle	AH1, Y, D, UH3, L
idol	(use "idle" program)
if	I1, I3, F
immediate	I1, I3, M, E1, D, Y, EH3, T
important	I1, I3, M, P, O2, O2, R, T, EH3, N, T
improper	I1, I3, M, P, R, AH1, UH3, P, ER
improve	I1, I3, M, P, R, IU, U1, U1, V
in	I1, I3, N
inch	I1, I3, N, T, CH
include	I1, I3, N, K, L, IU, U1, U1, D
income	I1, I3, N, K, UH1, UH3, M
independent	I1, N, D, E1, P, EH2, EH3, N, D, EH3, N, T
index	I1, I3, N, D, EH1, EH3, K, PAO, S
india	I2, I3, N, D, Y, UH2
indicate	I1, N, D, I3, K, A1, Y, T
industrial	I1, I3, N, D, UH1, UH2, S, T, R, AY, UH3, L
inform	I1, I3, N, F, O2, O2, R, M
initial	I1, I3, N, I1, SH, UH3, L
inn	(use "in" program)

Word	Phonemes
input	I1, I3, N, P, OO1, OO1, T
inquire	I1, I3, N, K, W, AH1, EH3, AY, R
insert	I1, N, S, R, R, T
inspect	I1, I3, N, S, P, EH1, EH3, K, T
install	I1, I3, N, S, T, AW, L
instead	I1, I3, N, S, T, EH1, EH3, D
instruct	I1, I3, N, S, T, R, UH1, UH2, K, T
instrument	I1, I3, N, S, T, R, UH1, M, EH1, EH3, N, T
insufficient	I1, N, S, UH2, F, I1, SH, EH3, N, T
insurance	I1, I3, N, SH, ER, R, EH3, N, T, S
interest	I1, N, T, R, EH1, S, T
interface	I1, I3, N, T, ER, F, A1, AY, Y, S
interpret	I1, I3, N, T, ER, P, R, EH3, T
interupt	I1, N, T, ER, UH3, UH1, P, T
intrude	I1, I3, N, T, R, IU, U1, U1, D
invalid	I1, I3, N, V, AE1, AW2, L, I1, D
invent	I1, I3, N, V, EH1, EH3, N, T
inventory	I1, N, V, EH1, N, T, O1, R, Y
invest	I1, I3, N, V, EH1, EH3, S, T
invoice	I1, I3, N, V, O1, UH3, I3, AY, S
irregular	I1, R, EH1, G, Y1, UH3, L, ER
is	I1, I3, Z
it	I1, I3, T
item	AH2, UH3, Y, D, UH3, M
J	D, J, EH3, A1, AY, Y
jack	D, J, AE1, EH3, K
january	D, J, AE1, EH3, N, Y1, UI, EH3, EH3, ER, Y
job	D, J, AH1, UH3, B
join	D, J, O1, UH3, I3, AY, N
jolt	D, J, O2, O2, L, T
joy	D, J, O1, UH3, I3, AY
judge	D, J, UH1, UH2, D, J
juliet	D, J, IU, U1, L, Y, EH2, EH3, T
july	D, J, UH1, L, AH1, EH3, Y
jump	D, J, UH1, UH2, M, P
june	D, J, IU, U1, U1, N
K	K, EH3, A1, AY, Y
keep	K, E1, Y, P
key	K, E1, Y
keyboard	K, AY, Y, B, O1, O2, R, D
kill	K, I1, I3, L
kilo	K, E1, AY, L, UH3, O2, U1
knew	(use "new" program)
knot	(use "not" program)
know	(use "no" program)
knowledge	N, AH1, UH3, L, I3, D, J
L	EH1, EH3, UH3, L
lab	L, AE1, EH3, B
labor	L, A1, Y, B, ER
language	L, AE1, EH3, NG, G, W, I1, D, J
lapse	L, AE1, EH3, P, S
large	L, AH1, R, D, J
last	L, AE1, EH3, S, T
late	L, A1, AY, Y, T
law	L, AW
lead	L, E1, Y, D
led	L, EH1, EH3, D
left	L, EH1, EH3, F, T
leg	L, EH1, EH3, G
legal	L, E1, G, UH3, L
lend	L, EH1, EH3, N, D
length	L, EH1, EH3, NG, TH
less	L, EH1, EH3, S
let	L, EH1, EH3, T
letter	L, EH1, EH3, T, ER
level	L, EH1, EH3, V, UH3, L
life	L, UH3, AH2, Y, F
light	L, UH3, AH2, Y, T
like	L, UH3, AH2, Y, K
lima	L, AY, Y, M, UH1
limit	L, I1, M, I1, T
line	L, AH1, EH3, Y, N
linear	L, I2, I3, N, AY, Y, ER
link	L, I1, I3, NG, K
lip	L, I1, I3, P
liquid	L, I1, K, W, I1, D
list	L, I1, I3, S, T
listen	L, I1, I3, S, I2, N
little	L, I1, I3, T, UH3, L
load	L, UH3, O1, U1, D
loan	L, UH3, O1, U1, N

Word	Phonemes
local	L, 02, 02, K, UH3, L
lock	L, AH1, UH3, K
log	L, AW, G
long	L, AW, NG
look	L, 001, 001, K
loss	L, AW, S
lost	L, AW, S, T
lot	L, AH1, UH3, T
low	L, 01, U1
M	EH1, EH2, M
machine	M, UH2, SH, E1, Y, N
mail	(use "male" program)
maintenance	M, A1, Y, N, T, EH2, N, EH3, N, DT, S
make	M, A1, AY, Y, K
male	M, A2, A2, AY UH3, L
man	M, AE1, EH3, N
manage	M, AE1, EH3, N, I1, D, J
manual	M, AE1, EH3, N, Y1, U1, UH3, L
manufacture	M, AE1, EH3, N, Y1, U1, F, AE1, EH3, K, T, CH, ER
many	M, EH2, EH2, N, Y
map	M, AE1, EH3, P
march	M, AH1, R, T, CH
margin	M, AH1, UH3, R, D, J, I2, N
mark	M, AH1, R, K
market	M, AH1, R, K, EH3, T
match	M, AE1, EH3, T, CH
mature	M, UH1, T, CH, IU, ER
maximum	M, AE1, EH3, K, PAO, S, EH3, M, UH2, M
may	M, A1, I3, Y
me	M, E1, Y
measure	M, EH3, EH1, ZH, ER
meat	M, E1, AY, T
mechanical	M, UH1, K, AE1, EH3, N, I3, K, UH3, L
media	M, E1, AY, D, Y, UH1
medicine	M, EH2, EH3, D, I3, S, I1, N
medium	M, E1, D, AY, UH1, M
meet	(use "meat" program)
mega	M, EH1, EH3, G, UH2, UH3
member	M, EH1, EH3, M, B, ER
memory	M, EH1, EH3, M, ER, Y
men	M, EH1, EH3, N
merchandise	M, ER, T, CH, EH3, N, D, AH1, EH3, Y, Z
merge	M, ER, R, D, J
message	M, EH1, EH3, S, I2, D, J
metal	M, EH1, EH3, T, UH3, L
meter	M, E1, Y, T, ER
micro	M, UH3, AH2, AY, K, R, 01, U1
middle	M, I1, I3, D, UH3, L
mike	M, UH3, AH2, Y, K
mile	M, AH1, EH3, I3, UH3, L
mill	M, I1, I3, L
milli	M, I1, I3, L, UH3
million	M, I1, I3, L, Y, UH3, N
mini	M, I2, I2, N, Y
minus	M, AH1, Y, N, EH3, S
minute	M, I1, N, EH3, T
miscellaneous	M, I1, S, UH3, L, A1, AY, N, Y, UH3, S
miss	M, I1, I3, S
mistake	M, I1, I3, S, T, A1, AY, Y, K
mode	M, 01, U1, D
model	M, AH1, UH3, D, UH3, L
module	M, AH1, UH3, D, J, IU, U1, UH3, L
monday	M, UH3, UH1, N, D, A1, I3, Y
money	M, UH3, UH1, N, AY, Y
month	M, UH3, UH1, N, TH
more	M, 02, 02, R
morning	M, 02, 02, R, N, I1, I3, NG
most	M, 01, U1, S, T
motor	M, 01, U1, T, ER
mount	M, AH1, UH3, W, N, T
move	M, U1, U1, V
Mr.	M, I1, S, T, ER
Mrs.	M, I1, S, I2, Z
Ms.	M, I1, I3, Z
much	M, UH1, UH2, T, CH
multi	M, UH2, UH3, L, T, Y
multiple	M, UH1, L, T, EH3, P, UH3, L
multiply	M, UH1, L, T, I3, P, L, AH1, Y

Word	Phonemes
N	EH1, EH2, N
name	N, A1, AY, Y, M
nano	N, AE1, EH3, N, 01, U1
national	N, AE1, EH3, SH, UH3, N, UH3, L
native	N, A1, Y, T, I1, V
near	N, AY, I1, R
neat	N, E1, AY, T
neck	N, EH1, EH3, K
need	N, E1, Y, D
negative	N, EH1, G, EH3, T, I1, V
net	N, EH1, EH3, T
neutral	N, IU, U1, T, R, UH2, L
new	N, IU, U1, U1
next	N, EH1, EH3, K, PAO, S, T
nice	N, UH3, AH2, Y, S
nickel	N, I1, I3, K, UH3, L
night	N, UH3, AH2, Y, T
nine	N, AH1, EH3, Y, N
ninety	N, AH1, EH3, Y, N, T, Y
nineth	N, AH1, Y, N, DT, TH
no	N, 001, 01, U1
noise	N, 01, UH3, I3, AY, Z
none	N, UH1, UH3, N
noon	N, IU, U1, U1, N
normal	N, 02, 02, R, M, UH3, L
north	N, 02, 02, R, TH
not	N, AH1, UH3, T
note	N, 01, U1, T
nothing	N, UH1, TH, I1, I3, NG
notice	N, 01, U1, T, I1, S
notify	N, 01, U1, T, I1, F, AH1, EH3, Y
november	N, 01, U1, V, EH1, EH3, M, B, ER
now	N, AH1, UH3, U1
number	N, UH1, UH2, M, B, ER
nurse	N, ER, R, S
nut	N, UH1, UH2, T
O	02, 01, U1
oar	(use "or" program)
object	UH1, B, D, J, EH1, EH3, K, T
object-2	AH1, UH3, B, D, J, EH2, EH2, K, T
obligation	AH1, B, L, I3, G, A1, Y, SH, UH3, N
obsolete	AH1, UH3, B, S, UH3, L, AY, Y, T
october	AH1, UH3, K, T, 01, U1, B, ER
odd	AH1, UH3, D
of	UH1, UH3, V
off	AW, F
office	AW, F, I1, S
official	UH1, F, I1, SH, UH3, L
often	AW2, AW2, F, I3, N
ohm	02, 02, U1, M
oil	01, EH3, I3, UH3, L
old	02, 02, L, L, D
omega	01, U1, M, A1, Y, G, UH2
omit	01, U1, M, I1, I3, T
on	AH1, UH3, N
once	W, UH1, N, T, S
one	W, UH1, UH2, N
only	01, 02, N, L, Y
open	01, P, I2, N
operable	AH1, UH3, P, ER, UH3, B, UH3, L
operate	AH1, UH3, P, ER, A1, Y, T
operator	AH1, UH3, P, ER, A1, Y, T, ER
option	AH1, UH3, P, SH, UH3, N
or	02, 02, R
orange	02, 02, R, I1, N, D, J
order	02, 02, R, D, ER
ore	(use "or" program)
original	02, R, I2, I3, D, J, I3, N, UH3, L
oscar	AH1, UH3, S, K, ER
other	UH1, UH3, THV, ER
ounce	AH1, UH3, W, N, S
out	UH3, AH2, U1, T
oven	UH1, V, I2, N
over	01, 02, V, ER
oxygen	AH1, UH3, K, PAO, S, I3, D, J, I2, N
own	01, U1, N
P	P, E1, Y
pack	P, AE1, EH3, K
package	P, AE1, EH3, K, I1, D, J
paid	P, A1, AY, Y, D

Word	Phonemes
pain	P, A1, AY, Y, N
pane	(use "pain" program)
panel	P, AE1, EH3, N, UH3, L
papa	P, AH1, UH3, P, UH3, UH3
paper	P, A1, Y, P, ER
parcel	P, AH1, R, S, UH3, L
paren	P, EH3, EH3, ER, I2, N
part	P, AH1, R, T
partial	P, AH1, R, SH, UH2, L
pass	P, AE1, EH3, S
passed	(use "past" program)
past	P, AE1, EH3, S, T
pat	P, AE1, EH3, T
pattern	P, AE1, EH3, T, ER, N
pause	P, AW, Z
pay	P, A2, A2, AY, Y
pea	(use "P" program)
peace	(use "piece" program)
peak	P, E1, AY, K
peek	(use "peak" program)
percent	P, ER, S, EH1, EH3, N, T
period	P, I1, R, Y, UH2, D
permanent	P, ER, M, EH2, N, EH1, N, T
person	P, ER, S, UH1, N
personal	P, ER, S, UH3, N, UH2, L
personality	P, ER, S, UH3, N, AE1, UH3, L, I3, T, Y
phase	F, A1, AY, Y, Z
phone	F, O1, U1, N
pick	P, I1, I3, K
pico	P, E1, Y, K, O2, U1
piece	P, E1, Y, S
pint	P, AH1, Y, N, T
pipe	P, UH3, AH2, Y, P
place	P, L, A1, AY, Y, S
plain	(use "plane" program)
plan	P, L, AE1, EH3, N
plane	P, L, A1, AY, Y, N
plant	P, L, AE1, EH3, N, T
play	P, L, A1, I3, Y
please	P, L, E1, Y, Z
plot	P, L, AH1, UH3, T
plus	P, L, UH1, UH2, S
pocket	P, AH1, UH3, K, EH3, T
point	P, O1, UH3, I3, AY, N, T
poke	P, O1, U1, K
police	P, UH1, L, AY, Y, S
plain	(use "plane" program)
plan	P, L, AE1, EH3, N
plane	P, L, A1, AY, Y, N
plant	P, L, AE1, EH3, N, T
play	P, L, A1, I3, Y
please	P, L, E1, Y, Z
plot	P, L, AH1, UH3, T
plus	P, L, UH1, UH2, S
pocket	P, AH1, UH3, K, EH3, T
point	P, O1, UH3, I3, AY, N, T
poke	P, O1, U1, K
police	P, UH1, L, AY, Y, S
policy	P, AH1, UH3, L, I3, S, Y
poor	(use "pour" program)
pop	P, AH1, UH3, P
port	P, O2, O2, R, T
position	P, UH1, Z, I1, SH, UH3, N
positive	P, AH1, UH3, Z, I1, T, I1, V
possible	P, AH1, UH3, S, UH3, B, UH2, L
post	P, O1, U1, S, T
potential	P, O1, T, EH1, EH3, N, T, CH, UH3, L
pound	P, AH1, UH3, W, N, D
pour	P, O1, O2, R
power	P, AH1, UH3, W, ER
practice	P, R, AE1, EH3, K, T, I1, S
premium	P, R, AY, Y, M, Y, UH1, M
prepare	P, R, E1, P, EH1, EH3, R
press	P, R, EH1, EH3, S
pressure	P, R, EH1, SH, ER
prevent	P, R, Y, V, EH1, EH3, N, T
previous	P, R, Y, V, Y, UH1, S
price	P, R, UH3, AH2, Y, S
principal	(use "principle" program)
principle	P, R, I1, N, DT, S, UH3, P, UH3, L
print	P, R, I1, I3, N, T
prior	P, R, AH1, Y, ER
priority	P, R, AH1, Y, O1, R, I3, DT, Y

private	P, R, AH1, EH3, Y, V, I3, T	R	AH1, UH2, ER
probe	P, R, 01, U1, B	rail	R, A1, AY, I3, UH3, L
problem	P, R, AH1, UH3, B, L, UH3, M	rain	R, A1, AY, Y, N
procedure	P, R, UH1, S, E1, D, J, ER	raise	R, A1, AY, Y, Z
proceed	P, R, 01, S, E1, Y, D	range	R, A1, AY, Y, N, D, J
process	P, R, AH1, UH3, S, EH1, EH3, S	radio	R, A1, Y, D, Y, 01, U1
produce	P, R, UH1, D, IU, U1, U1, S	rate	R, A1, AY, Y, T
product	P, R, AH1, UH3, D, UH1, UH2, K, T	ratio	R, A1, Y, SH, Y, 01, U1
progress	P, R, AH1, UH3, G, R, EH1, S	reach	R, E1, Y, T, CH
profession	P, R, UH1, F, EH1, EH3, SH, UH3, N	read	R, E1, Y, D
profit	P, R, AH1, UH3, F, I1, T	ready	R, EH1, EH3, D, Y
program	P, R, 01, G, R, AE1, EH3, M	real	R, E1, AY, L
project	P, R, AH1, UH3, D, J, EH2, EH2, K, T	reason	R, E1, Y, Z, UH1, N
PROM	P, R, AH1, UH3, M	rebate	R, E1, B, A1, Y, T
promote	P, R, UH1, M, 01, U1, T	recall	R, E1, K, AW2, AW1, L
propose	P, R, UH1, P, 01, U1, Z	receipt	R, E1, S, AY, Y, T
protect	P, R, UH1, T, EH1, EH3, K, T	receive	R, E1, S, E1, Y, V
public	P, UH1, UH3, B, L, I3, K	record	R, E1, K, 02, 02, R, D
pull	P, 001, 001, L	record-2	R, EH1, EH3, K, ER, D
pulse	P, UH1, UH2, L, S	red	R, EH1, EH3, D
punch	P, UH1, UH2, N, T, CH	reel	(use "real" program)
purpose	P, R, R, P, EH2, S	refer	R, E1, F, UH1, UH2, N, D
purchase	P, R, R, DT, CH, I2, S	refuse	R, E1, F, Y1, IU, U1 U1, Z
pure	P, Y1, IU, ER	register	R, EH1, D, J, I1, S, T, ER
push	P, 001, IU, SH	regular	R, EH1, G, Y1, IU, L, ER
put	P, 001, 001, T	rein	(use "rain" program)
		reject	R, E1, D, J, EH1, EH3, K, T
Q	K, Y1, IU, U1, U1	relay	R, E1, L, A1, I3, Y
qualify	K, W, AW1, L, I1, F, AH1, EH3, Y	release	R, E1, L, E1, AY, S
quantity	K, W, AH1, N, T, I3, T, Y	remain	R, E1, M, A1, AY, Y, N
quart	K, W, 01, R, T	remove	R, E1, M, U1, U1, V
quarter	K, W, 01, R, T, ER	repair	R, E1, P, EH2, EH2, R
quebec	K, W, I1, B, EH1, EH3, K	repeat	R, E1, P, E1, AY, T
question	K, W, EH1, EH3, S, T, CH, UH3, N	replace	R, E1, P, L, A1, AY, Y, S
quick	K, W, I1, I3, K	report	R, E1, P, 02, 02, R, T
quiet	K, W, AH1, EH3, AY, I2, T	represent	R, EH1, P, R, I2, Z, EH1, EH3, N, T
quit	K, W, I1, I3, T	request	R, E1, K, W, EH1, EH3, S, T
quiz	K, W, I1, I3, Z	require	R, E1, K, W, AH1, EH3, AY, R
quota	K, W, 01, 02, T, UH1	requisition	R, EH1, K, W, I2, Z, I1, SH, UH3, N
quote	K, W, 01, U1, T	rescue	R, EH1, EH3, S, K, Y1, IU, U1

Word	Phonemes
resemble	R, E1, Z, EH1, EH3, M, B, UH3, L
reset	R, E1, S, EH1, EH3, T
resistor	R, E1, Z, I1, S, T, ER
respect	R, E1, S, P, EH1, EH3, K, T
respond	R, E1, S, P, AH1, UH3, N, D
responsible	R, I2, S, P, AH1, UH3, N, DT, S, UH3, B, UH3, L
rest	R, EH1, EH3, S, T
restrict	R, E1, S, T, R, I1, I3, K, T
result	R, E1, Z, UH1, UH2, L, T
resume	R, E1, Z, IU, U1, U1, M
retail	R, AY, E1, T, EH3, A1, I3, UH3, L
retain	R, E1, T, A1, AY, Y, N
return	R, E1, T, ER, R, N
revision	R, E1, V, I1, ZH, UH3, N
revolve	R, E1, V, AH1, UH3, L, V
ribbon	R, I2, I3, B, UH3, N
right	R, UH3, AH2, Y, T
romeo	R, O1, U1, M, Y, O1, U1
room	R, U1, U1, M
root	R, U1, U1, T
round	R, AH1, UH3, W, N, D
route	R, UH2, AH2, U1, T
row	R, O1, U1
run	R, UH1, UH3, N
rush	R, UH1, UH2, SH
S	EH1, EH2, S
safe	S, A1, AY, Y, F
sail	(use "sale" program)
salary	S, AE1, AH2, L, UH3, R, Y
sale	S, A1, A2, AY, UH3, L
same	S, A1, AY, Y, M
saturday	S, AE1, EH3, T, ER, D, A1, Y
save	S, A1, AY, Y, V
say	S, A1, I3, Y
scan	S, K, AE1, EH3, N
scent	(use "cent" program)
schedule	S, K, EH1, EH3, D, J, IU, U1, L
school	S, K, U1, U1, L
science	S, AH1, I3, Y, EH3, N, DT, S
score	S, K, O2, O2, R
scrap	S, K, R, AE1, EH3, P
screw	S, K, R, IU, U1, U1
sea	(use "C" program)
seat	S, E1, AY, T
second	S, EH1, EH3, K, UH1, N, D
secret	S, E1, K, R, I3, T
section	S, EH1, EH3, K, SH, UH3, N
security	S, EH1, EH3, K, Y, ER, I1, T, Y
see	(use "C" program)
seize	S, E1, Y, Z
select	S, UH1, L, EH1, EH2, K, T
sell	S, EH1, EH3, L
semi	S, EH1, M, AH1, Y
semicolon	S, EH1, M, AH1, Y, K, OO1, O1, L, I2, N
send	S, EH1, EH3, N, D
sent	(use "cent" program)
sentence	S, EH1, N, T, I2, N, DT, S
separate	S, EH1, EH3, P, UH1, R, A1, AY, T
separate-2	S, EH1, EH3, P, R, I2, T
september	S, EH1, EH3, P, T, EH1, EH3, M, B, ER
sequence	S, E1, K, W, EH1, EH3, N, S
serial	S, I1, R, Y, UH3, L
series	S, I1, R, Y, Z
service	S, ER, V, I1, S
set	S, EH1, EH3, T
seven	S, EH1, EH3, V, I2, N
seventh	S, EH1, EH3, V, I2, N, DT, TH
seventy	S, EH1, V, I2, N, D, Y
several	S, EH1, V, ER, UH3, L
sew	(use "so" program)
share	SH, EH3, EH3, ER
sharp	SH, AH1, R, P
shift	SH, I1, I3, F, T
ship	SH, I1, I3, P
shop	SH, AH1, UH3, P
short	SH, O2, O2, R, T
should	SH, IU, IU, IU, D
shunt	SH, UH1, UH2, N, T
shut	SH, UH1, UH2, T
side	S, AH1, EH3, Y, D
sierra	S, E1, I3, EH1, R, UH1

signal	S, I1, I3, G, N, UH3, L
silver	S, I1, I3, L, V, ER
single	S, I1, I3, NG, G, UH3, L
six	S, I1, I3, K, PAO, S
sixth	S, I1, I3, K, PAO, S, TH
sixty	S, I1, I3, K, PAO, T, Y
size	S, AH1, EH3, Y, Z
skin	S, K, I1, I3, N
sky	S, K, AH1, EH3, I3, Y
slang	S, L, AE1, EH3, NG
slash	S, L, AE1, EH3, SH
slave	S, L, A1, AY, Y, V
slip	S, L, I1, I3, P
slow	S, L, O1, U1
small	S, M, AW, L
smell	S, M, EH1, EH3, L
smile	S, M, AH1, EH3, I3, UH3, L
smoke	S, M, O1, U1, K
snow	S, N, OO1, O2, U1
so	S, OO1, O2, U1
soft	S, AW, F, T
sold	S, O2, O2, L, L, D
solid	S, AH1, UH3, L, I1, D
son	(use "sun" program)
some	(use "sum" program)
sorry	S, AW, R, Y
sort	S, O2, O2, R, T
sound	S, AH1, UH3, W, N, D
source	S, O1, O2, R, S
south	S, AH1, UH3, U1, TH
space	S, P, A1, AY, Y, S
spark	S, P, AH1, R, K
speak	S, P, E1, AY, K
special	S, P, EH1, EH3, SH, UH3, L
speed	S, P, E1, Y, D
speech	S, P, E1, Y, T, CH
spell	S, P, EH1, EH3, L
spend	S, P, EH1, EH3, N, D
split	S, P, L, I1, I3, T
spoon	S, P, U1, U1, N
spring	S, P, R, I1, I3, NG
square	S, K, W, EH1, R
stack	S, T, AE1, EH3, K
stair	(use "stare" program)

stand	S, T, AE1, EH3, N, D
standard	S, T, AE1, EH3, N, D, ER, D
star	S, T, AH1, UH3, R
stare	S, T, EH3, EH3, ER
start	S, T, AH1, R, T
state	S, T, A1, AY, Y, T
station	S, T, A1, Y, SH, UH3, N
status	S, T, AE1, EH3, T, I2, S
steal	(use "steel" program)
steel	S, T, E1, Y, L
step	S, T, EH1, EH3, P
stick	S, T, I1, I3, K
stock	S, T, AH1, UH3, K
stop	S, T, AH1, UH3, P
store	S, T, O2, O2, R
strait	(use "straight" program)
straight	S, T, R, A1, AY, Y, T
street	S, T, R, E1, Y, T
stress	S, T, R, EH1, EH3, S
string	S, T, R, I1, I3, NG
structure	S, T, R, UH1, K, T, CH, ER
style	S, T, AH1, EH3, AY, UH3, L
subject	S, UH1, UH2, B, D, J, EH1, EH3, K, T
substitute	S, UH1, UH3, B, S, T, I3, T, IU, U1, T
subtract	S, UH1, UH2, B, T, R, AE1, EH3, K, T
sufficient	S, UH1, F, I1, SH, EH3, N, T
suggest	S, UH1, UH2, G, D, J, EH1, EH3, S, T
suit	S, IU, U1, T
suite	S, W, AY, Y, T
sum	S, UH1, UH2, M
summary	S, UH2, UH2, M, ER, Y
summer	S, UH1, UH2, M, ER
sun	S, UH1, UH2, N
sunday	S, UH1, UH2, N, D, A1, I3, Y
super	S, IU, U1, P, ER
supply	S, UH2, P, L, AH1, Y
surface	S, ER, F, I2, S
surge	S, ER, R, D, J
surgery	S, ER, D, J, ER, Y

Word	Phonemes
surgical	S, ER, D, J, UH3, K, UH3, L
surplus	S, ER, P, L, UH1, S
suspend	S, UH1, S, P, EH1, EH3, N, D
sweep	S, W, E1, Y, P
sweet	(use "suite" program)
switch	S, W, I1, I3, T, CH
syntax	S, I1, N, T, AE1, EH3, K, PAO, S
system	S, I1, S, T, UH3, M
T	T, E1, AY, Y
table	T, A1, Y, B, UH3, L
tail	(use "tale" program)
tale	T, A1, Y, UH3, L
talk	T, AW, K
tangent	T, AE1, EH3, N, D, J, EH3, N, T
target	T, AH1, UH3, R, G, I2, T
tea	(use "T" program
team	T, E1, Y, M
technical	T, EH1, EH3, K, N, I3, K, UH3, L
tee	(use "T" program)
temperature	T, EH1, EH3, M, P, ER, UH1, T, CH, ER
ten	T, EH1, EH3, N
terminal	T, ER, M, EH3, N, UH2, L
test	T, EH1, EH3, S, T
than	THV, EH1, EH3, N
the	THV, UH1, UH3
then	(use "than" program)
theory	TH, AY, I2, R, Y
thin	TH, I1, I3, N
thing	TH, I1, I3, NG
think	TH, I1, I3, NG, K
third	TH, ER, R, D
thirteen	TH, ER, T, T, E1, Y, N
thirty	TH, ER, R, D, Y
thousand	TH, AH1, UH3, U1, Z, EH3, N, D
three	TH, R, E1, Y
threw	(use "through" program)
through	TH, R, IU, U1
thursday	TH, ER, R, Z, D, A1, I3, Y
ticket	T, I1, I3, K, EH3, T
till	T, I1, I3, L
time	T, AH1, EH3, Y, M
tire	T, AH1, EH3, AY, R
title	T, UH3, AH2, Y, T, UH3, L
to	(use "two" program)
today	T, U1, D, A1, I3, Y
toilet	T, O1, EH3, I3, L, I3, T
toll	T, O2, O2, OO1, L
tomorrow	T, U1, M, AH1, R, O1, U1
ton	T, UH1, UH2, N, N
tone	T, O1, U1, N
too	(use "two" program)
tool	T, U1, U1, L
total	T, O1, U1, T, UH3, L
touch	T, UH1, UH3, T, CH
towel	T, AH1, W, UH3, L
trace	T, R, A1, AY, Y, S
trade	T, R, A1, AY, Y, D
train	T, R, A1, AY, Y, N
transact	T, R, AE1, EH3, N, S, AE1, EH3, K, T
transfer	T, R, AE1, EH3, N, S, F, ER
transistor	T, R, AE1, N, Z, I1, S, T, ER
transmit	T, R, AE1, EH3, N, Z, M, I1, I3, T
transport	T, R, AE1, EH3, N, S, P, O2, R, T
transportation	T, R, AE1, N, S, P, ER, T, A1, AY, SH, UH3, N
travel	T, R, AE1, EH3, V, UH3, L
triangle	T, R, AH1, I3, AE1, EH3, NG, G, UH3, L
trouble	T, R, UH3, UH1, B, UH3, L
truck	T, R, UH1, UH2, K
true	T, R, IU, U1, U1
trust	T, R, UH1, UH2, S, T
try	T, R, AH1, EH3, I3, Y
tuesday	T, IU, U1, U1, Z, D, A1, Y
tune	T, IU, U1, U1, N
turn	T, ER, R, N
twelve	T, W, EH1, EH3, UH3, L, V
twenty	T, W, EH1, EH3, N, T, Y
two	T, IU, U1, U1
type	T, UH3, AH2, Y, P

Word	Phonemes
U	Y1, IU, U1, U1
ultra	UH3, UH2, L, T, R, UH1
under	UH2, UH2, N, D, ER
uniform	Y1, IU, U1, N, I3, F, O1, R, M
until	UH2, UH2, N, T, I1, I3, L
up	UH1, UH2, P
urgent	R, R, D, J, I3, N, T
us	UH1, UH2, S
use	Y1, IU, U1, U1, Z
use-2	Y1, IU, U1, S
V	V, E1, AY, Y
vacant	V, A1, Y, K, EH3, N, T
valid	V, AE1, UH3, L, I1, D
vary	(use "very" program)
value	V, AE1, EH3, L, Y1, IU, U1
vendor	V, EH1, EH3, N, D, ER
vent	V, EH1, EH3, N, T
verify	V, EH1, R, I3, F, AH1, EH3, Y
very	V, EH1, R, Y
via	V, E1, AY, UH2, UH3
victor	V, I1, I3, K, T, ER
voice	V, O1, UH3, I3, AY, S
void	V, O1, UH3, I3, AY, D
volt	V, O2, O2, L, T
volume	V, AH1, UH3, L, Y1, IU, U1, M
W	D, UH1, B, UH3, L, Y1, IU, U1
wage	W, A1, AY, Y, D, J
wait	W, A1, AY, Y, T
want	W, AH1, UH3, N, T
was	W, UH1, UH3, Z
wash	W, AW, SH
water	W, AH1, UH3, T, ER
watt	W, AH1, UH3, T
wave	W, A1, AY, Y, V
way	(use "weigh" program)
we	W, E1, Y
weak	(use "week" program)
weapon	W, EH2, EH2, P, UH1, N
wear	(use "where" program)
wednesday	W, EH1, N, Z, D, A1, I3, Y
week	W, E1, Y, K
weigh	W, A2, A2, Y
weight	(use "wait" program)
went	W, EH1, EH3, N, T
west	W, EH1, EH3, S, T
wet	W, EH1, EH3, T
what	W, UH3, UH1, T
wheel	W, E1, Y, L
when	W, EH1, EH3, N
where	W, EH3, A2, EH3, R
which	W, I1, I3, T, CH
while	W, AH1, EH3, I1, UH3, L
whiskey	W, I1, I3, S, K, AY, Y
white	W, UH3, AH2, Y, T
who	H, IU, U1, U1
whole	(use "hole" program)
why	(use "Y" program)
will	W, I1, I3, L
window	W, I1, N, D, O1, U1
winter	W, I1, I3, N, T, ER
wire	W, AH1, EH3, AY, R
with	W, I1, I3, TH
withdraw	W, I1, I3, TH, D, R, AW
without	W, I1, I3, TH, UH2, AH2, U1, T
won	(use "one" program)
word	W, ER, R, D
work	W, ER, R, K
write	(use "right" program)
wrong	R, AW, NG
X	EH1, EH2, K, PAO, S
x-ray	EH1, EH2, K, PAO, S, R, A1, I3, Y
Y	W, AH1, EH3, I3, Y
yankee	Y1, AE1, EH3, NG, K, E1, Y
yard	Y1, AH1, R, D
year	Y1, AY, I3, R
yellow	Y1, EH1, EH3, L, O1, U1
yes	Y1, EH3, EH1, S
yesterday	Y1, EH3, EH1, S, T, ER, D, A1, I3, Y
yet	Y1, EH1, EH3, T

you	(use "U" program)
your	Y, O2. O2, R
you're	(use "your" program)

Z	Z, E1, Y
zap	Z, AE1, EH3, P
zero	Z, AY, I1, R, O1, U1
zone	Z, O1, U1, N
zulu	Z, IU, U1, L, IU, U1

Prefixes

con...	K, UH1, N
dis...	D, I1, S
en...	EH1, N
in...	I1, N
non...	N, AH1, UH3, N
pre...	P, R, E1
re...	R, E1
un...	UH1, N

Suffixes

...d	D
...ed	I2, D
...er	ER
...es	I2, Z
...ful	F, UH3, L
...ing	I2, NG
...less	L, EH2, S
...ly	L, Y
...ment	M, EH3, N, T
...ness	N, EH3, S
...s	S
...t (...ed)	T
...tion (...sion)	SH, UH3, N
...teen	T, E1, Y, N
...ward	W, ER, D
...y	Y
...z (...es)	Z