Appendices

Phonome Speech Dictionary

00	EH3	jacket		2E	AE	dad
01	EH2	enlist		2F	AE1	after
02	EH1	heavy		30	AW2	safety
03	PA0	no sound		31	UH2	about
04	DT	butter		32	UH1	uncle
05	A2	made		33	UH	cup
06	A1	made		34	O2	for
07	ZH	azure		35	O1	aboard
08	AH2	honest		36	IU	you
09	I3	inhibit		37	U1	you
0A	I2	inhibit		38	THV	the
0B	I1	inhibit		39	TH	thin
0C	M	mat		3A	ER	bird
0D	N	sun		3B	EH	get
0E	B	bag		3C	E1	be
0F	V	van		3D	AW	call
10	CH	chip		3E	PA1	no sound
11	SH	shop		3F	STOP	no sound
12	Z	zoo				
13	AW1	lawful				
14	NG	thing				
15	AH1	father				
16	OO1	looking				
17	OO	book				
18	L	land				
19	K	trick				
1A	J	judge				
1B	H	hello				
1C	G	get				
1D	F	fast				
1E	D	paid				
1F	S	pass				
20	A	day				
21	AY	day				
22	Y1	yard				
23	UH3	mission				
24	AH	mop				
25	P	past				
26	O	cold				
27	I	pin				
28	U	move				
29	Y	any				
2A	T	tap				
2B	R	red				
2C	E	meet				
2D	W	win				

Phonome Speech Dictionary (continued)

01 2D 32 31 0D
10 2A 02 00 0D
100 1B 32 31 0D 1E 2B 09 1E
1000 39 15 23 37 12 00 0D 1E
1000000 0C 0B 09 18 29 23 0D
11 02 18 02 00 0F 0A 0D
12 2A 2D 02 00 18 0F
13 39 3A 2B 2A 3C 29 0D
14 1D 35 34 2B 2A 3C 29 0D
15 1D 0B 09 1D 2A 3C 29 0D
16 1F 0B 09 19 03 1F 2A 3C 29 0D
17 1F 02 00 0F 02 00 0D 2A 3C 29 0D
18 05 05 29 2A 3C 29 0D
19 0D 15 00 29 0D 2A 3C 29 0D
2 2A 36 37 37
20 2A 2D 02 00 0D 2A 29
3 39 2B 3C 29
30 39 3A 2B 2A 29
4 1D 35 34 2B
40 1D 34 34 2B 2A 29
5 1D 15 00 29 0F
50 1D 0B 29 1D 2A 29
6 1F 0B 09 19 03 1F
60 1F 0B 09 19 03 1F 2A 29
7 1F 02 00 0F 0A 0D
70 1F 02 00 0F 02 00 0D 2A 29
8 05 05 29 2A
80 05 05 29 2A 29
9 0D 15 00 29 0D
90 0D 15 00 29 0D 2A 29
A 06 21 29
ABLE 06 29 0E 23 18
ABOUT 32 0E 31 08 37 2A
ACCOUNT 32 19 15 23 2D 0D 2A
ACROSS 32 19 2B 3D 1F
ACT 2F 00 19 2A
ADDITION 2F 00 1E 0B 09 11 23 0D
ADJUSTMENT 2F 00 1E 1A 32 31 1F
2A 0C 02 00 0D 2A
AFTER 2F 00 1D 2A 3A
AGAIN 32 1C 05 02 0D
AGREEMENT 32 1C 2B 3C 29 0C 02
00 OD 2A
AIR 01 01 2B
ALL 3D 18
ALMOST 3D 18 0C 35 37 1F 2A
AMONG 32 0C 23 32 14
AND 2F 00 0D 1E

ANGLE 2F 00 14 1C 23 18
ANGRY 2F 00 14 1C 2B 29
ANIMAL 2F 00 0D 0B 09 0C 23 18
ANSWER 2F 00 0D 1F 3A
ANY 01 01 0D 29
APPROVAL 32 35 2B 37 0F 23 18
ARCH 15 2B 2A 10
ARGUMENT 15 2B 1C 22 36 37 37 0C
02 00 0D 2A
ARM 15 2B 0C
ARMY 15 2B 0C 29
ART15 2B 2A
AS 2F 00 12
AT 2F 00 2A
ATTACK 32 2A 2F 00 19
ATTENTION 32 2A 02 00 0D 11 23 0D
ATTRACTION 32 2A 2B 2F 00 19 11
23 0D
AUTOMATIC 3D 2A 31 0C 2F 00 2A
0B 19
AWAKE 32 2D 06 21 29 19
BABY 0E 06 21 29 0E 29
BACK 0E 2F 00 19
BAD 0E 2F 00 1E
BAG 0E 2F 00 1C
BALANCE 0E 2F 00 18 00 0D 2A 1F
BALL 0E 3D 18
BAND 0E 2F 00 0D 1E
BASE 0E 06 21 29 1F
BASKET 0E 2F 00 1F 19 00 2A
BATH 0E 2F 00 39
BE 0E 3C 29
BEAUTIFUL 0E 22 36 37 2A 0B 1D 16
18
BECAUSE 0E 29 19 3D 12
BED 0E 02 00 1D
BEE 0E 3C 29
BEFORE 0E 29 1D 34 34 2B
BEHAVIOR 0E 29 1B 06 09 29 0F 22
36 37 3A
BELIEF 0E 29 18 3C 29 1D
BELL 0E 02 00 18
BENT 0E 02 00 0D 2A
BERRY 0E 02 00 2B 29
BETWEEN 03 29 2A 2D 3C 29 0D
BIG 0E 0B 09 1C
BIRD 0E 3A 2B 1E
BIT 0E 0B 09 2A

Phonome Speech Dictionary (continued)

BITE 0E 23 08 29 2A
BITTER 0E 0B 09 2A 3A
BLACK 0E 18 2F 00 19 19
BLOW 0E 18 35 37
BLUE 0E18 36 37 37
BOARD 0E 35 34 2A 1E
BOAT 0E 35 37 2A
BODY 0E 15 23 1E 29
BOILING 0E 35 23 09 21 18 0B 14
BONE 0E 35 37 0D
BOOK 0E 16 16 19
BOOT 0E 37 37 2A
BOTTLE 0E 15 23 2A 23 18
BOX 0E 15 23 19 1F
BOY 0E 35 23 09 21
BRAIN 0E 2B 06 21 29 0D
BRAKE 0E 2B 06 21 29 19
BRANCH 0E 2B 2F 00 0D 2A 10
BREAK 0E 2B 06 21 29 19
BREATH 0E 2B 02 00 39
BRICK 0E 2B 0B 09 19
BRIDGE 0E 2B 0B 09 1E 1A
BRIGHT 0E 2B 23 08 29 2A
BROKEN 0E 2B 35 19 0A 0D
BROTHER 0E 2B 32 23 38 3A
BROWN 0E 2B 15 23 37 0D
BRUSH 0E 2B 32 31 11
BUCKET 0E 32 31 19 00 2A
BUILDING 0E 0A 0A 18 1E 0B 09 14
BURN 0E 3A 2B 0D
BURST 0E 3A 2B 1F 2A
BURY 0E 02 00 2B 29
BUSINESS 0E 09 0A 12 0D 02 1F
BUT 0E 32 31 2A
BUTTER 0E 32 31 2A 3A
BUTTON 0E 32 31 2A 32 0D
BUY 0E 15 00 29
BY 0E 15 00 29
BYE 0E 15 00 29
CAKE 19 06 21 29 19
CAMERA 19 2F 00 0C 3A 31 23
CARD 19 15 2B 1E
CARE 19 00 00 3A
CART 19 15 2B 2A
CAT 19 2F 00 2A
CAUSE 19 3D 12
CERTAIN 1F 3A 2A 0B 29 0D
CHAIN 2A 10 06 21 29 0D

CHANCE 2A 10 2F 00 0D 1F
CHANGE 2A 10 06 21 29 0D 1E 1A
CHEAP 2A 10 3C 29 25
CHEEP 2A 10 3C 29 25
CHEESE 2A 10 3C 29 12
CHEST 2A 10 02 00 1F 2A
CHIEF 2A 10 3C 29 1D
CHIN 2A 10 0B 09 0D
CHURCH 2A 10 3A 2B 2A 10
CIRCLE 1F 3A 2B 19 23 18
CLEAN 19 18 3C 29 0D
CLEAR 19 18 21 09 2B
CLOCK 19 18 15 23 19
CLOTH 19 18 3D 39
CLOUD 19 18 15 23 2D 1E
COAT 19 35 37 2A
COLD 19 34 34 18 18 1E
COLOR 19 32 18 3A
COME 19 32 23 0C
COMFORT 19 15 23 0C 1D 34 34 2B
2A
COMMITTEE 19 32 23 0C 0B 09 2A
3C 29
COMMON 19 15 23 0C 32 0D
COMPANY 19 32 23 0C 25 2F 00 0D 29
COMPLETE 19 32 23 0C 25 18 3C 29
2A
COMPLEX 19 15 23 0C 25 18 02 00 19
03 1F
CONDITION 19 32 0D 1E 0B 09 11 23
0D
CONSCIOUS 19 32 0D 11 32 1F
CONTROL 19 32 0D 2A 2B 35 34 18
COOK 19 16 16 19
COPY 19 15 23 25 29
COUGH 19 3D 1D
COUNTRY 19 32 0D 2A 2B 29
COVER 19 32 23 0F 3A
COW 19 15 23 37
CRACK 19 2B 2F 00 19
CREDIT 19 2B 02 00 1E 0B 2A
CRIME 19 2B 15 00 29 0C
CRUEL 19 2B 36 37 37 18
CRUSH 19 2B 32 31 11
CRY 19 2B 15 00 09 29
CUP 19 32 31 25
CURRENT 19 3A 2B 02 00 0D 2A
CURTAIN 19 3A 2B 2A 09 0D

Phonome Speech Dictionary (continued)

CURVE 19 3A 2B 0F
CUSHION 19 16 36 11 23 0D
CUT 19 32 31 2A
DAMAGE 1E 2F 00 0C 0B 1E 1A
DANGER 1E 06 21 29 0D 1E 1A 3A
DARK 1E 15 2B 19
DAUGHTER 1E 3D 2A 3A
DAY 1E 06 09 29
DEAD 1E 02 00 1E
DEAR 1E 21 09 2B
DEATH 1E 02 00 39
DEBT 1E 02 00 2A
DECISION 1E 29 1F 0B 07 23 0D
DEEP 1E 3C 29 25
DEER 1E 21 09 2B
DEGREE 1E 29 1C 2B 3C 29
DELICATE 1E 02 18 0B 19 0B 2A
DEPENDENT 1E 29 25 02 00 0D 1E 02
00 0D 2A
DESIGN 1E 29 12 15 00 29 0D
DESTRUCTION 1E 29 1F 2A 2B 32 31
19 11 23 0D
DETAIL 1E 3C 29 2A 06 21 29 18
DEVELOPMENT 1E 3C 29 0F 02 18 15
23 25 0C 02 00 0D 2A
DEW 1E 36 37 37
DIFFERENT 1E 0B 09 1D 3A 02 00 0D
2A
DIRECTION 1E 3A 02 00 19 2A 11 32
0D
DIRTY 1E 3A 2B 2A 29
DISCOVERY 1E 0B 1F 19 32 23 0F 3A
29
DISGUST 1E 0B 09 1F 1C 32 31 1F 2A
DISTANCE 1E 0B 1F 2A 00 0D 2A 1F
DISTRIBUTION 1E 0B 1F 2A 2B 0B 09
0E 22 36 37 37 11 23 0D
DIVISION 1E 0B 0F 0B 07 23 0D
DO 1E 36 37 37
DOG 1E 3D 1C
DOOR 1E 35 34 2B
DOUBT 1E 31 08 37 2A
DOWN 1E 15 23 2D 0D
DRAIN 1E 2B 06 21 29 0D
DRAWER 1E 2B 3D 2D 3A
DRESS 1E 2B 02 00 1F
DRINK 1E 2B 0B 09 14 19
DRIVING 1E 2B 15 00 29 0F 0B 14

DROP 1E 2B 15 23 25
DRY 1E 2B 15 00 09 29
DUE 1E 36 37 37
DUST 1E 32 31 1F 2A
EAR 3C 0A 2B
EARLY 3A 2B 18 29
EARTH 3A 2B 39
EAST 3C 21 1F 2A
EDGE 02 00 1E 1A
EDUCATION 02 1E 1A 36 19 06 29 11
23 0D
EFFECT 02 00 1D 02 00 19 2A
EIGHT 05 05 29 2A
EIGHTEEN 05 05 29 2A 3C 29 0D
EIGHTY 05 05 29 2A 29
ELECTRIC 02 18 02 00 19 2A 2B 0B 09
19
ELEVEN 02 18 02 00 0F 0A 0D
EMPTY 02 00 0C 25 2A 29
END 02 00 0D 1E
ENGINE 02 00 0D 0D 1E 2A 0B 0D
ENOUGH 29 0D 32 23 1D
EQUAL 29 19 2D 23 18
ERROR 00 00 00 2B 3A
EVEN 29 0F 0A 0D
EVER 02 0F 3A
EVERY 02 0F 3A 29
EXAMPLE 02 00 1C 03 12 2F 00 0C 25
23 18
EXISTENCE 02 00 1C 03 12 0B 09 1F
2A 02 00 0D 1F
EXPERIENCE 02 00 19 03 1F 25 0B 2B
29 02 00 0D 1F
EXPERT 02 00 19 03 1F 25 3A 2A
EYE 15 00 09 29
FACE 1D 06 21 29 1F
FACT 1D 2F 00 19 2A
FALL 1D 3D 18
FALSE 1D 3D 18 1F
FAMILY 1D 2F 00 0C 18 29
FAR 1D 15 23 2B
FARM 1D 15 2B 0C
FAT 1D 2F 00 2A
FATHER 1D 15 23 38 3A
FEAR 1D 21 0A 2B
FEATHER 1D 02 00 38 3A
FEEBLE 1D 3C 29 0E 23 18
FEELING 1D 3C 29 18 0B 14

Phonome Speech Dictionary (continued)

FEMALE 1D 3C 29 0C 06 21 29 18
FIELD 1D 3C 29 18 1E
FIFTEEN 1D 0B 09 1D 2A 3C 29 0D
FIFTY 1D 0B 09 1D 2A 29
FIGHT 1D 23 08 29 2A
FINGER 1D 0B 09 0D 14 1C 3A
FIRE 1D 15 00 21 2B
FIRST 1D 3A 2B 1F 2A
FIVE 1D 15 00 29 0F
FIXED 1D 0B 19 03 1F 2A
FLAG 1D 18 2F 00 1C
FLAME 1D 18 06 21 29 0C
FLAT 1D 18 2F 00 2A
FLIGHT 1D 18 23 08 29 2A
FLOOR 1D 18 35 34 2B
FLOWER 1D 18 15 2D 3A
FLY 1D 18 15 00 29
FOLD 1D 34 34 18 18 1E
FOOD 1D 37 37 1E
FOOLISH 1D 37 37 18 0B 11
FOOT 1D 16 16 2A
FOR 1D 34 34 2B
FORCE 1D 34 34 2B 1F
FORM 1D 34 34 2B 0C
FORTY 1D 34 34 2B 2A 29
FORWARD 1D 34 34 2B 2D 3A 1E
FOUL 1D 15 23 2D 18
FOUR 1D 35 34 2B
FOURTEEN 1D 35 34 2B 2A 3C 29 0D
FOWL 1D 15 23 2D 18
FREE 1D 2B 3C 29
FRIEND 1D 2B 02 01 0D 1E
FROM 1D 2B 32 23 0C
FRONT 1D 2B 23 32 0D 2A
FULL 1D 16 18
FUNNY 1D 32 31 0D 29
FUTURE 1D 22 36 37 37 2A 10 3A
GAME 1C 06 21 29 0C
GARDEN 1C 15 2B 1E 0A 0D
GENERAL1E 1A 02 00 0D 3A 23 18
GET 1C 02 00 2A
GIRL 1C 3A 2B 18
GIVE 1C 0B 09 0F
GLASS 1C 18 2F 00 1F
GLOVE 1C 18 32 23 0F
GO 1C 35 37
GOAT 1C 35 37 2A
GOLD 1C 34 34 18 18 1E

GOOD 1C 16 16 1E
GOVERNMENT 1C 32 23 0F 3A 0D 0C
02 00 0D 2A
GRAY 1C 2B 06 09 29
GREAT 1C 2B 06 29 2A
GREEN 1C 2B 3C 29 0D
GRIP 1C 2B 0B 09 25
GROUP 1C 2B 37 37 25
GROWTH 1C 2B 35 37 39
GUIDE 1C 15 00 29 1E
GUN 1C 32 31 0D
HAIR 1B 01 01 2B
HAND 1B 2F 00 0D 1E
HANGING 1B 2F 00 14 0B 09 14
HAPPY 1B 2F 00 25 29
HARD 1B 15 2B 1E
HARMONY 1B 15 2B 0C 23 0D 3C
HAT 1B 2F 00 2A
HATE 1B 06 21 29 2A
HAVE 1B 2F 00 0F
HE 1B 3C 29
HEAD 1B 02 00 1E
HEALTHY 1B 02 00 18 39 29
HEARING 1B 3C 09 2B 0B 14
HEART 1B 15 23 2B 2A
HEAT 1B 3C 21 2A
HELP 1B 02 00 18 25
HERE 1B 21 0B 2B
HIGH 1B 15 00 29
HISTORY 1B 0B 09 1F 2A 2B 29
HOLE 1B 35 37 18
HOOK 1B 16 16 19
HOPE 1B 35 37 25
HOUR 15 23 2D 3A
HOUSE 1B 23 08 37 1F
HOW 1B 15 34 37
HUG FC C5
HUMOR 1B 22 36 37 37 0C 3A
HUNDRED 1B 32 31 0D 1E 2B 09 1E
HURRY 1B 3A 2B 29
I 15 00 09 29
ICE 23 08 29 1F
IDEA 15 29 1E 21 29 31
IF 0B 09 1D
ILL 0B 09 18
IMPORTANT 0B 09 0C 25 34 34 2B 2A
00 0D 2A
IMPULSE 0B 09 0C 25 32 31 18 1F

Phonome Speech Dictionary (continued)

IN 0B 09 0D
INCH 0B 09 0D 2A 10
INCREASE 0B 29 0D 19 2B 3C 29 1F
INDUSTRY 0B 09 0D 1E 32 31 1F 2A 2B 29
INTEREST 0B 09 0D 2A 3A 02 00 1F 2A
IRON 15 29 3A 0D
is 0B 09 29 12
ISLAND 15 00 29 18 00 0D 1E
IT 0B 29 2A
JELLY 1E 1A 02 00 18 29
JEWEL 1E 1A 36 37 37 23 18
JOB 1E 1A 15 23 0E
JOIN 1E 1A 35 23 09 21 0D
JOKE 1E 1A 35 37 19
JUDGE 1E 1A 32 31 1E 1A
JUMP 1E 1A 32 31 0C 25
KEEP 19 3C 29 25
KETTLE 19 02 00 2A 23 18
KEY 19 21 29
KICK 19 0B 09 19
KIND 19 15 00 29 0D 1E
KISS 19 0B 09 1F
KNEE 0D 3C 29
KNIFE 0D 23 08 29 1D
KNOT 0D 15 23 2A
KNOWLEDGE 0D 15 23 18 00 1E 1A
KNOWS 0D 35 37 12
LAND 18 2F 00 0D 1E
LANGUAGE 18 2F 00 14 1C 2D 0B 1E 1A
LAST 18 2F 00 1F 2A
LATE 18 06 21 29 2A
LAUGH 18 2F 2F 1D
LAW 18 3D
LEAD 18 29 21 1E
LEAF 18 3C 21 1D
LEARNING 18 3A 2B 0D 0B 09 14
LED 18 02 00 1E
LEED 18 29 21 1E
LEFT 18 02 00 1D 2A
LEG 18 02 00 1C
LET 18 02 00 2A
LETTER 18 02 00 2A 3A
LEVEL 18 02 00 0F 23 18
LIBRARY 18 15 29 0E 2B 00 00 3A 29
LIFT 18 0B 09 1D 2A

LIGHT 18 23 08 29 2A
LIKE 18 23 08 29 19
LIMIT 18 0B 0C 0B 2A
LINE 18 15 00 29 0D
LIP 18 0B 09 25
LIST 18 0B 09 1F 2A
LITTLE 18 0B 09 2A 23 18
LIVING 18 0B 0F 0B 14
LOCK 18 15 23 19
LONG 18 3D 14
LOOK 18 16 16 19
LOOSE 18 37 37 1F
LOSS 18 3D 1F
LOUD 18 15 23 2D 1E
LOVE 18 32 23 0F
LOW 18 35 37
MACHINE 0C 31 11 3C 29 0D
MAIL 0C 06 21 29 18
MAKE 0C 06 21 29 19
MALE 0C 06 21 29 18
MAN 0C 2F 00 0D
MANAGER 0C 2F 00 0D 02 1E 1A 3A
MAP 0C 2F 00 25
MARK 0C 15 2B 19
MARKET 0C 25 2B 19 00 2A
MARRIED 0C 01 00 2B 29 1E
MASS 0C 2F 00 1F
MATCH 0C 2F 00 2A 10
MATERIAL 0C 32 2A 0B 2B 29 23 18
MAY 0C 06 09 29
MEAL 0C 3C 21 18
MEASURE 0C 00 02 07 3A
MEAT 0C 3C 29 2A
MEDICAL 0C 02 00 1E 0B 19 23 18
MEET 0C 3C 29 2A
MEETING 0C 3C 29 2A 0B 14
MEMORY 0C 02 00 0C 34 34 2B 29
METAL 0C 02 00 2A 23 18
MIDDLE 0C 0B 09 1E 23 18
MILITARY 0C 0B 18 0B 2A 00 00 3A 29
MILLION 0C 0B 09 18 29 23 0D
MIND 0C 15 00 29 0D 1E
MINE 0C 15 00 29 0D
MINUTE 0C 0B 0D 00 2A
MIST 0C 0B 09 1F 2A
MIXED 0C 0B 19 03 1F 2A
MONEY 0C 23 32 0D 21 29

Phonome Speech Dictionary (continued)

MONTH 0C 23 32 0D 39
MOON 0C 37 37 0D
MORNING 0C 34 34 2B 0D 0B 09 14
MOTHER 0C 32 23 38 3A
MOTION 0C 34 34 11 23 0D
MOUNTAIN 0C 15 23 2D 0D 2A 09 0D
MOUTH 0C 31 08 37 39
MOVE 0C 37 37 0F
MUCH 0C 32 31 2A 10
MUSCLE 0C 32 31 1F 23 18
MUSIC 0C 22 36 37 37 12 0B 19
NAIL 0D 06 21 29 18
NAME 0D 06 21 29 0C
NARROW 0D 01 00 2B 35 37
NATION 0D 06 29 11 23 0D
NATURAL 0D 2F 00 2A 10 3A 23 18
NEAR 0D 21 09 2B
NECESSARY 0D 02 00 1F 02 00 1F 00
00 3A 29
NECK 0D 02 00 19
NEED 0D 3C 29 1E
NEEDLE 0D 3C 29 1E 23 18
NERVE 0D 3A 0F
NET 0D 02 00 2A
NEW 0D 36 37 37
NEWS 0D 36 37 37 12
NIGHT 0D 23 08 29 2A
NINE 0D 15 00 29 0D
NINETEEN 0D 15 00 29 0D 2A 3C 29
0D
NINETY 0D 15 00 29 0D 2A 29
NO 0D 35 37
NOISE 0D 35 23 09 21 12
NORMAL 0D 34 34 2B 0C 23 18
NORTH 0D 34 34 2B 39
NOSE 0D 35 37 12
NOT 0D 15 23 2A
NOTE 0D 35 37 2A
NOW 0D 15 23 37
NUMBER 0D 32 31 0C 0E 3A
NUT 0D 32 31 2A
OF 32 23 0F
OFF 3D 1D
OFFER 3D 1D 3A
OFFICE 3D 1D 0B 1F
OFTEN 3D 1D 02 00 0D
OIL 35 23 09 21 18
OLD 34 34 18 18 1E

ON 15 23 0D
ONE 2D 32 31 0D
ONLY 35 34 0D 18 29
OPEN 35 25 0A 0D
OPINION 35 37 25 0B 09 0D 29 23 0D
OPPOSITE 15 23 25 32 1F 0B 2A
OR 34 34 2B
ORANGE 34 34 2B 0B 0D 1E 1A
ORDER 34 34 2B 1E 3A
OTHER 32 23 38 3A
OUR 15 23 2D 3A
OUT 23 08 37 2A
OVEN 32 0F 0A 0D
OVER 35 34 0F 3A
OWNER 35 37 0D 3A
PAGE 25 06 21 29 1E 1A
PAIN 25 06 21 29 0D
PAINT 25 06 21 29 0D 2A
PANE 25 06 21 29 0D
PAPER 25 06 21 29 25 3A
PART 25 15 2B 2A
PAST 25 2E 1F 2A
PASTE 25 06 21 29 1F 2A
PAYMENT 25 06 09 29 0C 02 00 0D 2A
PEACE 25 3C 21 1F
PEN 25 02 00 0D
PENCIL 25 02 00 0D 1F 31 18
PEOPLE 25 3C 29 25 23 18
PERSON 25 3A 1F 32 0D
PICTURE 25 0B 09 19 2A 10 3A
PIG 25 0B 09 1C
PIN 25 0B 09 0D
PIPE 25 23 08 29 25
PLACE 25 18 06 21 29 1F
PLAIN 25 18 06 21 29 0D
PLANE 25 18 06 21 29 0D
PLANT 25 18 2F 00 0D 2A
PLAY 25 18 06 09 29
PLEASE 25 18 3C 21 12
POCKET 25 15 23 19 00 2A
POINT 25 35 23 09 21 0D 2A
POISON 25 35 23 09 21 12 32 0D
POLISH 25 15 23 18 0B 11
POLITICAL 25 35 37 18 02 2A 0B 19
23 1B
POOR 25 35 34 2B
POSSIBLE 25 15 23 1F 0B 09 0E 23 18
POT 25 15 23 2A

Phonome Speech Dictionary (continued)

POTATO 25 32 2A 06 29 2A 35 37
POUR 25 35 34 2B
POWDER 25 15 23 2D 1E 3A
POWER 25 15 23 2D 3A
PRESENT 25 2B 02 12 02 00 0D 2A
PRICE 25 2B 23 08 29 1F
PRINT 25 2B 0B 09 0D 2A
PRISON 25 2B 0B 09 12 32 0D
PRIVATE 25 2B 15 00 29 0F 09 2A
PROCESS 25 2B 15 23 1F 02 00 1F
PRODUCE 25 2B 32 1E 36 37 37 1F
PROFIT 25 2B 15 23 1D 0B 2A
PROPERTY 25 2B 15 23 25 3A 2A 29
PROTEST 25 2B 32 2A 02 00 1F 2A
PUBLIC 25 32 31 0E 18 0B 09 19
PULL 25 16 16 18
PUMP 25 32 31 0C 25
PUNISHMENT 25 32 0D 0B 11 0C 02 00 0D 2A
PURPOSE 25 3A 2B 25 23 1F
PUSH 25 16 36 11
PUT 25 16 16 2A
QUESTION 19 2D 02 00 1F 2A 10 23 0D
QUICK 19 2D 0B 09 19
QUIET 19 2D 15 00 21 0A 2A
QUITE 19 2D 23 08 29 2A
RAIN 2B 06 21 29 0D
RANGE 2B 06 21 29 0D 1E 1A
RAT 2B 2F 00 2A
RATE 2B 06 21 29 2A
RAY 2B 06 09 29
REACTION 2B 29 2F 00 19 11 23 0D
READING 2B 3C 29 1E 0B 14
READY 2B 02 00 1E 29
REASON 2B 3C 29 12 32 0D
RED 2B 02 00 1E
REGULAR 2B 02 1C 22 36 18 3A
RELATION 2B 3C 18 06 29 11 23 0D
RELIGION 2B 3C 18 0B 1E 1A 23 0D
REQUEST 2B 3C 19 2D 02 00 1F 2A
RESPECT 2B 3C 1F 25 02 00 19 2A
RESPONSIBLE 2B 02 1F 25 15 23 0D 1F 0B 09 0E 23 18
REST 2B 02 00 1F 2A
REWARD 2B 3C 2D 34 35 2B 1E
RHYTHM 2B 0B 38 23 0C
RIGHT 2B 23 08 29 2A

RING 2B 0B 09 14
RIVER 2B 0B 0F 3A
ROAD 2B 35 37 1E
ROBOT 2B 35 37 0E 15 23 2A
ROD 2B 15 23 1E
ROLL 2B 35 23 18
ROOF 2B 37 37 1D
ROOM 2B 37 37 0C
ROOT 2B 37 37 2A
ROUGH 2B 32 23 1D
ROUND 2B 15 23 2D 0D 1E
RUB 2B 32 31 0E
RULE 2B 36 37 37 18
RUN 2B 32 31 0D
SAD 1F 2F 00 1E
SAFE 1F 06 21 29 1D
SAIL 1F 06 21 29 18
SALE 1F 06 21 29 18
SALT 1F 3D 18 2A
SAME 1F 06 21 29 0C
SAND 1F 2F 00 0D 1E
SAY 1F 06 09 29
SCALE 1F 19 06 21 29 18
SCHOOL 1F 19 37 37 18
SCIENCE 1F 15 09 21 02 00 0D 1F
SCISSORS 1F 0B 09 12 3A 12
SCREW 1F 19 2B 36 37 37
SEA 1F 3C 29
SEAT 1F 3C 21 2A
SECOND 1F 02 00 19 32 0D 1E
SECRET 1F 3C 19 2B 09 2A
SECRETARY 1F 02 00 19 2B 02 00 2A 00 00 3A 29
SEE 1F 3C 29
SEED 1F 3C 29 1E
SEEDY 1F 3C 29 1E 29
SEEM 1F 3C 29 0C
SELECTION 1F 02 00 18 02 00 19 11 23 0D
SELF 1F 02 00 18 1D
SEND 1F 02 00 0D 1E
SENSE 1F 02 00 0D 1F
SEPARATE 1F 02 00 25 32 2B 06 21 2A
SEPARATE 1F 02 00 25 3A 0A 2A
SERIOUS 1F 0B 2B 29 32 1F
SERVANT 1F 3A 0F 02 00 0D 3A
SEVEN 1F 02 00 0F 0A 0D
SEVENTEEN 1F 02 00 0F 02 00 0D 2A

Phonome Speech Dictionary (continued)

3C 29 0D
SEVENTY 1F 02 00 0F 02 00 0D 2A 29
SEX 1F 02 00 19 03 1F
SHADE 11 06 21 29 1E
SHAKE 11 06 21 29 19
SHAME 11 06 21 29 0C
SHARP 11 15 2B 25
SHE 11 3C 29
SHEEP 11 3C 29 25
SHELF 11 02 00 18 1D
SHIP 11 0B 09 25
SHIRT 11 3A 2B 2A
SHOCK 11 15 23 19
SHOE 11 37 37
SHORT 11 34 34 2B 2A
SHUT 11 32 31 2A
SIDE 1F 15 00 29 1E
SIGN 1F 15 00 29 0D
SIMPLE 1F 0B 09 0C 25 23 18
SISTER 1F 0B 09 1F 2A 3A
SIX 1F 0B 09 19 03 1F
SIXTEEN 1F 0B 09 19 03 1F 2A 3C 29
0D
SIXTY 1F 0B 09 19 03 1F 2A 29
SIZE 1F 15 00 29 12
SKIN 1F 19 0B 09 0D
SKIRT 1F 19 3A 2B 2A
SKY 1F 19 15 00 09 29
SLEEP 1F 18 3C 29 25
SLIP 1F 18 0B 09 25
SLOPE 1F 18 35 37 25
SLOW 1F 18 35 37
SMALL 1F 0C 3D 18
SMASH 1F 0C 2F 00 11
SMELL 1F 0C 02 00 18
SMILE 1F 0C 15 00 09 23 18
SMOKE 1F 0C 35 37 19
SMOOTH 1F 0C 37 37 38
SNAKE 1F 0D 06 21 29 19
SNEEZE 1F 0D 3C 29 12
SNOW 1F 0D 35 37
SO 1F 35 37
SOAP 1F 35 37 25
SOCIETY 1F 34 34 1F 15 00 21 0A 2A
29
SOCK 1F 15 23 19
SOFT 1F 3D 1D 2A
SOLID 1F 15 23 18 0B 1E

SOME 1F 32 23 0C
SON 1F 23 32 0D
SONG 1F 3D 14
SORT 1F 34 34 2B 2A
SOUND 1F 15 23 2D 0D 1E
SOUTH 1F 15 23 37 39
SPACE 1F 25 06 21 29 1F
SPADE 1F 25 06 21 29 1E
SPECIAL 1F 25 02 00 11 23 18
SPRING 1F 25 2B 0B 09 14
SQUARE 1F 19 2D 02 2B
STAGE 1F 2A 06 21 29 1E 1A
STAMP 1F 2A 2F 00 0C 25
STAR 1F 2A 15 23 2B
START 1F 2A 15 2B 2A
STATEMENT 1F 2A 06 29 2A 0C 00 0D
2A
STATION 1F 2A 06 29 11 23 0D
STEAL 1F 2A 3C 29 18
STEAM 1F 2A 3C 21 0C
STEEL 1F 2A 3C 29 18
STEM 1F 2A 02 00 0C
STEP 1F 2A 02 00 25
STICK 1F 2A 0B 09 19
STICKY 1F 2A 0B 09 19 29
STIFF 1F 2A 0B 09 1D
STILL 1F 2A 0B 09 18
STITCH 1F 2A 0B 09 2A 10
STONE 1F 2A 35 37 0D
STOP 1F 2A 15 23 25
STORE 1F 2A 34 34 2B
STORY 1F 2A 34 34 2B 29
STRAIGHT 1F 2A 2B 06 21 29 2A
STRANGE 1F 2A 2B 06 21 29 0D 1E
1A
STREET 1F 2A 2B 3C 29 2A
STRETCH 1F 2A 2B 02 00 2A 10
STRONG 1F 2A 2B 3D 14
SUCH 1F 32 31 2A 10
SUDDEN 1F 32 31 1E 0A 0D
SUGAR 11 16 1C 3A
SUGGESTION 1F 32 31 1C 1E 1A 02
00 1F 2A 10 23 0D
SUMMER 1F 32 31 0C 3A
SUN 1F 23 32 0D
SUPPORT 1F 32 31 25 34 34 2B 2A
SURPRISE 1F 3A 2B 25 2B 15 00 29 12
SWEET 1F 2D 3C 29 2A

Phonome Speech Dictionary (continued)

SWIM 1F 2D 0B 09 0C
SYSTEM 1F 0B 1F 2A 02 00 0C
TABLE 2A 06 29 0E 23 18
TAIL 2A 06 21 29 18
TAKE 2A 06 21 29 19
TALK 2A 3D 19
TALL 2A 3D 18
TASTE 2A 06 21 29 1F 2A
TAX 2A 2F 00 19 03 1F
TEACHING 2A 3C 21 2A 10 0B 09 14
TEN 2A 02 00 0D
TENDENCY 2A 02 00 0D 1E 02 00 0D 1F 29
TEST 2A 02 00 1F 2A
THAN 39 2F 00 0D
THAT 38 2F 00 2A
THE 38 32 23
THEM 38 00 02 0C
THEN 38 00 02 0D
THEORY 39 21 0A 2B 29
THERE 38 00 05 00 2B
THEY 38 06 21 29
THICK 39 0B 09 19
THIN 39 0B 09 0D
THING 39 0B 09 14
THIRTEEN 39 3A 2B 2A 3C 29 0D
THIRTY 39 3A 2B 2A 29
THIS 38 09 0A 1F
THOUGH 38 34 34 37
THOUGHT 39 3D 2A
THOUSAND 39 15 23 37 12 00 0D 1E
THREE 39 2B 3C 29
THROUGH 39 2B 36 37
THUMB 39 32 31 0C
THUNDER 39 32 31 0D 1E 3A
TICKET 2A 0B 09 19 00 2A
TIGHT 2A 23 08 29 2A
TILL 2A 0B 09 18
TIME 2A 15 00 29 0C
TIRED 2A 15 00 21 2B 1E
TO 2A 37 37
TOE 2A 35 37 2D
TOGETHER 2A 37 1C 02 00 38 3A
TOMORROW 2A 37 0C 15 2B 35 37
TONGUE 2A 32 23 14
TOO 2A 37 37
TOOTH 2A 37 37 39
TOP 2A 15 23 25

TOUCH 2A 32 23 2A 10
TOW 2A 35 37 2D
TOWN 2A 15 23 37 0D
TRADE 2A 2B 06 21 29 1E
TRAIN 2A 2B 06 21 29 0D
TRAY 2A 2B 06 21 29
TREE 2A 2B 3C 29
TRICK 2A 2B 0B 09 19
TROUBLE 2A 2B 23 32 0E 23 18
TRUE 2A 2B 36 37 37
TRY 2A 2B 15 00 09 29
TURN 2A 3A 2B 0D
TWELVE 2A 2D 02 00 18 0F
TWENTY 2A 2D 02 00 0D 2A 29
TWIST 2A 2D 0B 09 1F 2A
TWO 2A 36 37 37
UMBRELLA 32 31 0C 0E 2B 02 00 18 31 23
UNDER 31 31 0D 1E 3A
UNIT 22 36 37 0D 0B 09 2A
UP 32 31 25
UPON 32 25 15 23 0D
US 32 31 1F
USE 22 36 37 37 12
USEFUL 22 36 37 37 1F 1D 16 18
VALUE 0F 2F 00 18 22 36 37
VERSE 0F 3A 1F
VERY 0F 02 2B 29
VESSEL 0F 02 00 1F 23 18
VIEW 0F 22 36 37 37
VIOLENT 0F 15 21 23 18 02 00 0D 2A
VOICE 0F 35 23 09 21 1F
WAIT 2D 05 05 29 2A
WAITING 2D 06 21 29 2A 0B 14
WALK 2D 3D 19
WALL 2D 3D 18
WAR 2D 35 34 2B
WARM 2D 35 34 2B 0C
WASH 2D 3D 11
WASTE 2D 06 21 29 1F 2A
WATCH 2D 15 23 2A 10
WATER 2D 15 23 2A 3A
WAVE 2D 06 21 29 0F
WAX 2D 2F 00 19 03 1F
WAY 2D 06 09 29
WE 2D 3C 29
WEAK 2D 3C 29 19
WEATHER 2D 02 00 38 3A

Phonome Speech Dictionary (continued)

WEEK 2D 3C 29 19
WEIGHT 2D 05 05 29 2A
WELL 2D 02 00 18
WEST 2D 02 00 1F 2A
WET 2D 02 00 2A
WHEEL 2D 3C 29 18
WHEN 2D 02 00 0D
WHERE 2D 00 05 00 2B
WHILE 2D 15 00 09 23 18
WHISTLE 2D 0B 09 1F 23 18
WHITE 2D 23 08 29 2A
WHO 1B 36 37 37
WHY 2D 15 00 09 29
WIDE 2D 15 00 29 1E
WILL 2D 0B 09 18
WIND 2D 0B 0D 1E
WINDOW 2D 0B 0D 1E 35 37
WINE 2D 15 00 29 0D
WING 2D 0B 09 14
WINTER 2D 0B 09 0D 2A 3A
WIRE 2D 15 00 21 2B
WISE 2D 15 00 29 12
WISH 2D 0B 09 11
WITH 2D 0B 09 39
WOMAN 2D 16 0C 01 0D
WOOD 2D 16 16 1E
WORD 2D 3A 2B 1E
WORK 2D 3A 2B 19
WORM 2D 3A 2B 0C
WOULD 2D 16 16 1E
WOUND 2D 37 37 0D 1E
WRITING 2B 23 08 29 2A 0B 14
WRONG 2B 3D 14
YEAR 22 21 09 2B
YELLOW 22 02 00 18 35 37
YES 22 00 02 1F
YESTERDAY 22 00 02 1F 2A 3A 1E 06
09 29
YOU 22 36 37 37
YOUNG 29 23 32 14

Appendices

7-Bit Hexa-Decimal Numbers and Associated Characters

00	NUL	20	SP
01	SOH	21	!
02	STX	22	"
03	ETX	23	#
04	EOT	24	$
05	ENQ	25	%
06	ACK	26	&
07	BEL	27	'
08	BS	28	(
09	HT	29	)
0A	LF	2A	*
0B	VT	2B	+
0C	FF	2C	'
0D	CR	2D	-
0E	SO	2E	.
0F	SI	2F	/
10	DLE	30	0
11	DC1	31	1
12	DC2	32	2
13	DC3	33	3
14	DC4	34	4
15	NAK	35	5
16	SYN	36	6
17	ETB	37	7
18	CAN	38	8
19	EM	39	9
1A	SUB	3A	:
1B	ESC	3B	;
1C	FS	3C	<
1D	GS	3D	=
1E	RS	3E	>
1F	US	3F	?

7-Bit Hexa-Decimal Numbers and Associated Characters (continued)

40	@	60	
41	A	61	a
42	B	62	b
43	C	63	c
44	D	64	d
45	E	65	e
46	F	66	f
47	G	67	g
48	H	68	h
49	I	69	I
4A	J	6A	j
4B	K	6B	k
4C	L	6C	l
4D	M	6D	m
4E	N	6E	n
4F	O	6F	o
50	P	70	p
51	Q	71	q
52	R	72	r
53	S	73	s
54	T	74	t
55	U	75	u
56	V	76	v
57	W	77	w
58	X	78	x
59	Y	79	y
5A	Z	7A	z
5B	[	7B	
5C	\	7C	
5D	]	7D	ALT
5E		7E	ESC
5F		7F	DEL/RUB

Appendices

Tiny BASIC Language Summary

NEW expr	Establishes a new start-of -program address equal to the value of 'expr'. NSC Tiny BASIC then executes its initialization sequence which clears all variables, resets all hardware/software stacks, disables interrupts, enables BREAK capability from thee console, and performs the nondestructive RAM search.
NEW	Sets the end-of-program pointer equal to the start-of- program pointer so that a new program may be entered. If a program already exists at the start-of-program address, it will be lost.
RUN	Runs the current program
CONT	Continues execution of the current program from the point where execution was suspended (via a STOP, console interrupt, or reset).
LIST (expr)	Lists the current program (optionally starting at the line number specified by (expr).
REM anything	Remark (no operation)
CLEAR	Initializes all variables to 0, disables interrupts, enables BREAK capability from the console, and resets all stacks (GOSUB, FOR-NEXT, DO-UNTIL).
[LET] var = expr	Assigns expression value to variable.
[LET] STAT = expr	Sets the STATUS word equal to the least significant byte of 'expr'.
[LET] @factor = expr	When the STAUS word is used to enable interrupts at the hardware, processing will be deferred for one statement.
[LET] $factor = "string"	Sets the memory location pointed to by 'factor' equal to the least significant byte of 'expr'.

Tiny BASIC Language Summary (continued)

[LET] factor = factor	Assigns a string in RAM starting at the address 'factor'. Strings are terminated by carriage return.
PRINT expr	Memory to memory string assignment, (copy).
PRINT "string"	Prints the value of 'expr'.
PRINT sfactor	Prints the string.
IF expr [THEN] statements(s)	Prints the string starting at the memory address 'factor'.
FOR var = expr TO expr	Remainder of the program line is executed if expr is true (non-zero).
[STEP expr]	FOR loop initialization. FOR loops may be nested up to four levels deep.
NEXT var	FOR loop termination.
DO	DO loop initiation. DO loops may be nested up to eight levels deep.
UNTIL expr	DO loop termination.
GO TO expr	Transfer control to statement number 'expr'.
GOSUB expr	Call subroutine at statement number 'expr'. Subroutine (including those servicing interrupts).
RETURN	Return from subroutine.
INPUT var	Read value from console into variable.
INPUT sfactor	Read string from console into memory beginning at address 'factor'.
LINK expr	Links to an assembly language subroutine which begins at the address 'expr'.

Tiny BASIC Language Summary (continued)

ON expr1, expr2	Interrupt processing definition. When interrupt number expr1 occurs, NSC Tiny Basic will execute a GOSUB beginning at line number expr2. If expr2 is zero, the corresponding interrupt is disabled at the software level. Interrupt numbers may be 1 or 2. Use of the ON statement disables console interrupts (BREAK function). Interrupts must also be enabled at the hardware level by setting the Interrupt Enable bit in the status register (using STAT=1, for example).
DELAY exor	Delay for expr time units (nominally milliseconds, 1-1040). Delay 0 gives the maximum delay of 1040 milliseconds.
STOP	Terminate programs execution. A message is printed and NSC Tiny BASIC return to COMMAND mode.

OPERATORS

Arithmetic operators:	Addition + Subtraction - multiplication * division /
Relational operators:	less than < greater than > equal to = not equal to <> less than or equal to <= greater than or equal to >=
Logical operators:	logical AND AND logical OR OR logical NOT NOT
@factor	Read a byte from memory/peripheral, or write a byte to memory/peripheral. Factor is the memory/peripheral address.

FUNCTIONS

STAT	Status Register contents.
TOP	Top-Of-Program address (first available memory address after end-of-program byte).

Tiny BASIC Language Summary (continued)

INC (X), DEC (X)

Increment or decrement a memory location (non-interruptible for multiprocessing).

MOD (X,Y)

Modulus function (remainder of x/y).

RND (X,Y)

Random number generator (in interval x,y).

COMMANDS (not to be used as statements)
NEW expr

Establishes a new start-of-program address equal to the value of expr. NSC Tiny BASIC then executes its initialization sequence which clears all variables, resets all hardware/software stacks, disables interrupts, enables BREAK capable from the console, and performs the non-destructive RAM search described in Section II. If the value of expr points to a ROM address, the NSC Tiny BASIC program which begins at this address will be automatically executed and program memory (including the end-of-program pointer used by editor) is not altered by this command.

NEW

NEW followed only by a carriage return sets the end-of-program pointer equal to the start-of-program may be entered. If a program already exists at the start-of-program address, it will be lost.

RUN

Runs the current program

CONT

Continues execution of the current program from the point where execution was suspended (via a STOP, console interrupt or resets).

LIST expr

Lists the current program (optionally starting at the line number specified by expr).