

Lights and drums coding schemes

Handout

This resource is available online at ncce.io/rep1-2-a1-hc. Resources are updated regularly – please check that you are using the latest version.

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ASCII

a	1100001	n	1101110
b	1100010	o	1101110
c	1100011	p	1110000
d	1100100	q	1110001
e	1100101	r	1110010
f	1100110	s	1110011
g	1100111	t	1110100
h	1101000	u	1110101
i	1101001	v	1110110
j	1101010	w	1110111
k	1101011	x	1111000
l	1101100	y	1111001
m	1101101	z	1111010

Morse code


a	● ■■	n	■■ ●
b	■■ ● ● ●	o	■■ ■■ ■■
c	■■ ● ■■ ●	p	● ■■ ■■ ●
d	■■ ● ●	q	■■ ■■ ● ■■
e	●	r	● ■■ ●
f	● ● ■■ ●	s	● ● ●
g	■■ ■■ ●	t	■■
h	● ● ● ●	u	● ● ■■
i	● ●	v	● ● ● ■■
j	■■ ■■ ■■ ●	w	● ■■ ■■
k	■■ ● ■■	x	■■ ● ● ■■
l	● ■■ ● ●	y	■■ ● ■■ ■■
m	■■ ■■	z	■■ ■■ ● ●

International Telegraph Alphabet no. 2 (ITA2)


a	○ ○ ○ ● ●	n	○ ● ● ○ ○
b	● ● ○ ○ ●	o	● ● ○ ○ ○
c	○ ● ● ● ○	p	● ○ ● ● ○
d	○ ● ○ ○ ●	q	● ○ ● ● ●
e	○ ○ ○ ○ ●	r	○ ● ○ ● ○
f	○ ● ● ○ ●	s	○ ○ ● ○ ●
g	● ● ○ ● ○	t	● ○ ○ ○ ○
h	● ○ ● ○ ○	u	○ ○ ● ● ●
i	○ ○ ● ● ○	v	● ● ● ● ○
j	○ ● ○ ● ●	w	● ○ ○ ● ●
k	○ ● ● ● ●	x	● ● ● ○ ●
l	● ○ ○ ● ○	y	● ○ ● ○ ●
m	● ● ● ○ ○	z	● ○ ○ ○ ●

Braille

a 

j 

s 


b 

k 

t 

c 

l 

u 

d 

m 


v 

e 

n 

w 

f 

o 

x 

g 

p 

y 

h 

q 

z 

i 

r 

Bacon's cipher

a	aaaaa	n	abbaa
b	aaaab	o	abbab
c	aaaba	p	abbba
d	aaabb	q	abbbb
e	aabaa	r	baaaa
f	aabab	s	baaab
g	aabba	t	baaba
h	aabbb	u	n/a, use "v"
i	abaaa	v	baabb
j	n/a, use "i"	w	babaa
k	abaab	x	babab
l	ababa	y	babba
m	ababb	z	babbb