

<b>A B C Code, 4th Edition,</b>	<b>\$5.00</b>
<b>A B C Code, 5th Edition,</b>	<b>7.00</b>
<b>A I Code, Last Edition,</b>	<b>7.50</b>

CAN BE BOUGHT AT THE FOLLOWING PLACES:

**BALTIMORE**

CUSHING & CO., 34 West Baltimore Street

**BOSTON**

DAMRELL & UPHAM, 283 Washington Street  
COMMERCIAL CODE CO., 176 Federal Street

**CHICAGO**

RAND, McNALLY & CO., 166 Adams Street  
A. C. McCLURG & CO., 215-221 Wabash Avenue

**CLEVELAND**

BURROWS BROS. CO.

**CINCINNATI**

ROBT. CLARKE & CO., 31 East Fourth Street

**CUBA**

WILSON'S BOOK STORE, HAVANA

**JACKSONVILLE, FLA.**

H. & W. B. DREW CO.

**LOS ANGELES, CALIF.**

JONES' BOOK STORE

**MEXICO**

VDA. DE C. BOURET, 14 Cinco Mayo, Mexico

**PHILADELPHIA**

JOHN WANAMAKER  
STRAWBRIDGE & CLOTHIER

**PORTLAND, ORE.**

J. K. GILL CO.

**NEW ORLEANS, LA.**

F. F. HANSELL & BRO., 714 Canal Street

**ST. LOUIS, MO.**

PHILIP ROEDER, 307 North Fourth Street

**WASHINGTON, D. C.**

W. H. LOWDERMILK & CO., 1424 F Street, N. W.

*Sole Export Agents for the East*

**WILHELMI & CO., NEW YORK**

**AMERICAN CODE COMPANY**

*Publishers*

83 NASSAU STREET

NEW YORK CITY

**P R E F A C E .**

*In the present volume the Author has endeavoured to include the technical terms and sentences required by the Mining, Metallurgical and Civil Engineer, by the Mine Director, and by those connected with the direction or management of Mining and Smelting Companies. Particular attention has also been paid to the financial part of mining, needs of Financiers generally, negotiations for effecting the sale or purchase of mineral and other properties, as well as to the requirements of Stock Exchange transactions. Legal, Banking and General Phrases are also largely included.*

*The Code is alphabetically arranged, with but one exception, viz.:—  
"Sundry Weights and Measures" on pages 774-775.*

*On pages 373—376, under the word "Mineral," will be found a list of the more commonly occurring Minerals; and on pages 533—535, under the word "Rock," will be found a similar list of Rocks. Both "Minerals" and "Rocks" are arranged alphabetically.*

*The Cipher Words have been carefully selected with a view of eliminating such as may be identical in their telegraphic signals, or otherwise liable to error in transmission. On the next and following pages will be found General Suggestions as to the use of the Code, also for securing accuracy in messages received, for the prevention of errors in transmission, and for deciphering mutilated words when such occur.*

*The First Part contains over forty-four thousand Mining, Legal and General Phrases; while the Second Part includes Numerals, Measurements, Weights and Currencies.*

*A Schedule embracing the phrases required when surveying or reporting upon a mineral property is also added.*

*Any suggestions will be most cordially received.*

BEDFORD McNEILL.



## PREFACE TO REPRINT.

The rapid adoption of "McNeill's Code" having exhausted Edition 1, the opportunity has occurred to schedule the few corrections inseparable from the first issue of such a work, and a list of which is given below. A copy of this list will be furnished gratis on written application to the Publishers. The present issue is a REPRINT of the original, with the exception of the corrections already referred to.

BEDFORD McNEILL.

### LIST OF CORRECTIONS.

Page.	Consecutive Number.	Edition I.	Reprint.
11	00640	Accounte(d)	= Account(ed)
54	03169	Any	= An(y)
146	08667	Carnardeau	= Canardeau
"	08684	Concereux	= Cancereux
152	09039	Curauz	= Carauz
243	14452	Dispuemini	= Despuemini
273	16270	Use	= Useless
293	17454	Engastillar	= Engatillar
351	20891	Foscelluto	= Forcelluto
402	24112	In	= Is

### General Suggestions for using McNEILL'S CODE; and for the Prevention and Correction of Errors in Messages.

#### I.—Use of Code.

In numerous instances one or more alternative readings, separated by brackets, are given; as for instance:—

Page 2. *Abdicacion*, meaning "You (they) (—) must abide by the decision of"

It is recommended, whenever it is not within the knowledge of the Sender that the Receiver of the message will be able from the context to discriminate as to which alternative is intended, that one of the cipher words given under the head of *Alternative* (page 32) should be employed, to render misconception impossible.

When there is any chance of doubt arising as to whether the "singular" or the "plural" number is intended to be conveyed, one of the cipher words under the heading *Number* (page 401), or *Word* (pages 733—734), should be used. On page 734

will also be found cipher words for indicating that the word is employed in its ordinary sense, and is not to be translated as conveying the meaning that may be attached to it in the Code.

The cipher word *Aufschluss* (page 72), meaning "Blank," should invariably be employed whenever its use would be likely to obviate error. It is found most convenient to fill in the "Blanks" in a message consecutively, and immediately after the cipher word in which they are required.

Tables on pages 748 to 751, and pages 776 to 779.—The method of using these Tables is to translate the cipher word found in any of the vertical columns of cipher words by the meaning given at the head of the same vertical column plus the meaning given horizontally in the final right-hand column.

Thus on page 748, *Tithing* is translated: "Need not pay attention to value of ore in sight."

Whilst *Toddlers* is translated: "Report by cable as to value of ore in sight"

Similarly, on page 776, *Watermark* is translated: "Have you received my (our) letter dated the 1st."

Whilst *Waveringly* is translated: "Have received your (—)'s letter dated the 1st."

It may happen that it is wished to substitute another word for the cipher word actually occurring; for this purpose additional cipher words are given in the Substitution Tables, pages 786 to 791. These Tables also afford opportunity of making the necessary record of such substitution.

As the Code contains 45,767 cipher words, each of which has a consecutive number, it follows that any individual number from 1 to 45,767 inclusive, is available; but in such case one of the cipher words under the heading *Numeral* (page 401) should be interpolated.

Attention is particularly directed to the means afforded by the Code of transmitting any consecutive number from 1 to 45,767, inclusive. When so used the initial "cipher" on the left hand of the groups of figures is omitted, as is also the extended meaning or translation.

*Example:* Suppose the message to be—

"Inferir rabbits verzuckt"

This message is translated thus:—

Cable.	Translation of Message.
Inferir = I (we)	estimate the ore in sight to amount to
_____	_____ tons and to have an approximate value
Rabbits = 36,450	↑ of _____
Verzuckt =	\$400,000

The complete translation of the above message "Inferir rabbits verzuckt" reads as follows:—

"I (we) estimate the ore in sight to amount to 36,450 tons  
and to have an approximate value of \$400,000."



Also, when reporting monthly returns and costs, if it be understood between any two correspondents that the cipher words are to be translated as numbers or local currency, the greatest detail can thus be given with the minimum of expense.

*Example:* Suppose the local currency to be American, and the message to be—

“Gangliform essencing trambusta verplet helgadura ascension

“bespangle recruit colunica ambuscade”

Cable. Translation of Message.

Gangliform= During — the mill worked — days, yield being as follows:— Bullion —, Concentrates realized —, Concentrates in process of realization —, Total —. The working expenses for the month were —. We have also spent on development work during the month —.

Essencing = June

Trambusta = 26

Verplet = \$27,500

Helgadura = The five following words are used as numerals

Ascension = 03625 = \$3,625

Bespangle = 06103 = \$6,103

Recruit = 37228 = \$37,228

Colunica = 11256 = \$11,256

Ambuscade = 01769 = \$1,769

The complete translation of the above message then reads as follows:—

“During June the mill worked 26 days, yield being as follows:—

“Bullion ... .. \$27,500

“Concentrates realized ... .. 3,625

“Concentrates in process of realization ... .. 6,103

“Total ... .. \$37,228

“The working expenses for the month were \$11,256

“We have also spent on development work

“during the month ... .. 1,769

Increased secrecy when cabling can be secured if it is mutually agreed between any two correspondents to employ the cipher words not in their actual order, but in some other and pre-arranged order. The advantage of changing this order from time to time is obvious.

## II. The Prevention and Correction of Errors in Messages

Errors in telegraphic messages may be due to one of several causes; such as want of care on the part of the sender when writing his original cipher message.

Failing the employment of a typewriting machine, **Roman characters** should be employed for the cipher words.

Another fruitful cause of error is owing to the fact that each individual letter of the Alphabet is telegraphically transmitted by means of a certain number of “dots” or “dashes,” such “dots” or “dashes” being separated by suitable “time intervals.” Hence it is possible, by a slight variation on the part of either the Transmitting or the Receiving Clerk, to alter considerably the word intended to be conveyed.

For example, the signals for the letter C are — . — .

Whilst those for the letters T E N are respectively  $\left\{ \begin{array}{l} T E N \\ \dots \end{array} \right.$

It follows, therefore, that the words “cable” and “tenable” may be so transmitted as to be not very readily distinguishable.

C	A	B	L	E
— . — .	. —	— . . .	. — . .	. — . .
T E N	. —	— . . .	. — . .	. — . .

The omission of a signal, the conversion of a “dot” into a “dash,” and the improper lengthening or shortening of the “time interval,” are responsible for many of the errors in cipher messages.

The same observations apply also to figures.

Thus the signal for the figure 1 is . — — — — —, which by a variation of the time intervals may become  $\left\{ \begin{array}{l} A O \text{ or } W M \text{ or } J T \\ . — \text{ — — — — } \end{array} \right.$

On receipt of an undecipherable word, a reference to the Morse Signals for letters and figures, with some possible substitutions (*see* next page), and the exercise of a little patience, will often be found sufficient to indicate the word sought after.

It being also remembered that the cipher word may not have been distinctly written in the original message, an imperfect “i” may have been read by the Transmitting Clerk as an “e,” or a “t” may have been mistaken for an “l” or a “b.”

Most of the cable companies will courteously repeat undecipherable words “free of cost,” or on application will make such suggestions as may lead to the correct interpretation of them.

It is strongly recommended that any one when beginning to use this Code should study it whenever occasion may serve, as by such means great facility will be gained in selecting those sentences which most nearly convey the meaning of the sender of the message.



MORSE SIGNALS, ALPHABET, AND FIGURES, with some Possible Substitutions.

Letter.	Morse Signal.	Some possible Substitutions.
A	· —	E ET
B	— ···	D DE NEE NI TEI TIE TS
C	— · — ·	KE NN NTE P TAE TEN
D	— · ·	NE TEE TI
E	·	
F	· · — ·	EAE IN ITE NE
G	— — ·	ME TEE TN
H	····	EEI EIE II SE B C P R
I	··	E EE Y
J	· — — —	ATP EO EMT ETM
K	— — · —	NT T TA
L	· — · ·	AE AI ENE ETI RE D
M	— — —	TT
N	— ·	TE L F
O	— — — —	MT TM TTE
P	· — — ·	AN ATE ETN WE H Z
Q	— — — ·	G MA MET TK TTA
R	· — · ·	AE EI ETE
S	····	EEE IE EI P
T	—	N
U	· · —	EA EET IT W
V	···· —	IA ST
W	· — — —	AT M EM
X	— · · —	TEA DT NA
Y	— · — —	I IC TEM MM NTT
Z	— — · ·	GE TNE TTI
CH	— — — —	MM
Figures.		
0	— — — — —	T OM
1	· — — — —	A AO WM
2	· · — — —	IO U UM
3	· · · — —	SM V VT
4	· · · · —	SA HT
5	· · · · ·	EH HE IS
6	— · · · ·	DI TH
7	— — · · ·	B GEE MS
8	— — — · ·	D OI MD
9	— — — — ·	N ON

For Places WEST of Greenwich DEDUCT from GREENWICH Time to find ACTUAL Time.

	H. M.		H. M.
Acapulco ...	6 39	Lisbon ...	0 36
Bahia ...	2 33	Madeira ...	1 7
Baltimore ...	5 5	Madrid ...	0 15
Barbadoes ...	3 58	Mexico ...	6 36
Bogota ...	4 57	Milwaukee ...	5 50
Boston ...	4 45	Minneapolis ...	6 10
Brest ...	0 18	Montevideo ...	3 45
Buenos Ayres ...	3 53	Montreal ...	4 50
Callao ...	5 8	New Orleans ...	6 0
Cayenne ...	3 29	New York ...	4 56
Charlestown ...	5 20	Panama ...	5 18
Chicago ...	5 50	Pernambuco ...	2 20
Conception ...	4 52	Philadelphia ...	5 0
Copiapo ...	4 42	Porto Rico ...	4
Coquimbo ...	4 45	Quebec ...	4 45
Denver ...	7 0	Rio de Janeiro ...	2 52
Detroit ...	5 30	Rio Grande do Sul ...	3 29
Funchal ...	1 8	Saint John (N.B.) ...	4 25
Galveston ...	6 20	Saint Thomas ...	4 19
Georgetown ...	3 53	Saint Vincent, Cape de Verd ...	1 40
Gibraltar ...	0 21	Salt Lake City, Utah ...	7 28
Grahams Town ...	1 46	San Francisco ...	8 10
Guatemala ...	6 2	Sierra Leone ...	0 35
Guayaquil ...	5 19	Toronto ...	5 20
Halifax ...	4 15	Trinidad ...	4 6
Havana ...	5 29	Valdivia ...	4 53
Honolulu ...	10 31	Valparaiso ...	4 46
Indianapolis ...	5 45	Vancouver's Island ...	8 14
Jamaica ...	5 10	Vera Cruz ...	6 25
Kansas City ...	6 15	Vigo ...	0 35
Kingston, Jamaica ...	5 7	Washington ...	5 8
Lima ...	5 8	Winnipeg ...	6 30



For Places EAST of Greenwich ADD to GREENWICH Time  
to find ACTUAL Time.

	H. M.		H. M.
Adelaide ... ..	9 14	Madras ... ..	5 21
Aden ... ..	3 0	Malacca ... ..	6 49
Agra ... ..	5 11	Malta ... ..	0 58
Alexandria ... ..	1 59	Marseilles ... ..	0 21
Algiers ... ..	0 11	Mauritius ... ..	3 50
Algoa Bay ... ..	1 44	Melbourne ... ..	9 40
Amoy ... ..	7 52	Nagasaki ... ..	8 40
Auckland ... ..	11 23	Natal ... ..	2 2
Bangkok ... ..	6 40	Odessa ... ..	2 2
Batavia ... ..	7 7	Otago ... ..	11 23
Bathurst, N.S.W. ... ..	9 16	Paris ... ..	0 9
Berlin ... ..	0 53	Pekin ... ..	7 46
Bombay ... ..	4 51	Penang ... ..	6 42
Borneo ... ..	7 39	Perth (West Australia) ... ..	7 43
Brisbane ... ..	10 13	Port Darwin ... ..	8 44
Bushire ... ..	3 23	Rangoon ... ..	6 20
Bussorah ... ..	3 11	Saigon ... ..	7 6
Calcutta ... ..	5 53	Shanghai ... ..	8 5
Canton ... ..	7 33	Singapore ... ..	6 55
Cape Town ... ..	1 13	Smyrna ... ..	1 49
Christchurch, N.Z. ... ..	11 32	St. Petersburg ... ..	2 1
Colombo ... ..	5 19	Suez ... ..	2 10
Constantinople ... ..	1 56	Sydney ... ..	10 5
Dunedin ... ..	11 22	Tunis ... ..	0 40
Galle ... ..	5 20	Vienna ... ..	1 5
Hobart Town ... ..	9 50	Warsaw ... ..	1 24
Hongkong ... ..	7 36	Wellington ... ..	11 38
Invercargil ... ..	11 12	Yeddo ... ..	9 18
Jerusalem ... ..	2 21	Zanzibar ... ..	2 37
Kurrachée ... ..	4 27		

PART I.