International Morse Code

Letter	Code		Character	Code
Alfa	• ▬		1	• ▬ ▬ ▬ ▬
Bravo	▬ • • •		2	• • ▬ ▬ ▬
Charlie	▬ • ▬ •		3	• • • ▬ ▬
Delta	▬ • •		4	• • • • ▬
Echo	•		5	• • • • •
Foxtrot	• • ▬ •		6	▬ • • • •
Golf	▬ ▬ •		7	▬ ▬ • • •
Hotel	• • • •		8	▬ ▬ ▬ • •
India	• •		9	▬ ▬ ▬ ▬ •
Juliet	• ▬ ▬ ▬		0	▬ ▬ ▬ ▬ ▬
Kilo	▬ • ▬			
Lima	• ▬ • •		/	▬ • • ▬ •
Mike	▬ ▬		=	▬ • • • ▬
November	▬ •		–	▬ • • • • ▬
Oscar	▬ ▬ ▬		'	• ▬ ▬ ▬ ▬ •
Papa	• ▬ ▬ •		+	• ▬ • ▬ •
Quebec	▬ ▬ • ▬		.	• ▬ • ▬ • ▬
Romeo	• ▬ •		;	▬ • ▬ • ▬ •
Sierra	• • •		!	▬ • ▬ • ▬ ▬
Tango	▬		,	▬ ▬ • • ▬ ▬
Uniform	• • ▬		?	• • ▬ ▬ • •
Victor	• • • ▬		:	▬ ▬ ▬ • • •
X-ray	▬ • • ▬		_	• • ▬ ▬ • ▬
Yankee	▬ • ▬ ▬		"	• ▬ • • ▬ •
Zulu	▬ ▬ • •		@	• ▬ ▬ • ▬ •

Prosigns – Procedural Signals

\<AA\> *"New Line / End-of-line"* **A**dd **A** line didahdidah

\<AAA\>/\<.\> *"Full-stop"* didahdidahdidah

\<AR\>/\<+\> *"End-of-Message, New Page"* **A**ll **R**endered didahdidahdit

\<AS\> *"Wait / Stand-by"* **A S**ec didahdididi

BK *"Back-to-you"* **B**rea**K** dahdididit dahdidah

\<BT\>/\<=\> *"Pause / New Paragraph"* **B**reak for **T**ext dahdidididah

C *"Correct, yes"* dahdidahdi

CL *"Going of the air (**Cl**ear)"* **Cl**osing Station dahdidahdit didahdidit

\<CT\> *"Attention"* **C**opy **T**his dahdidahdidah

CQ *"Calling any station"* dahdidahdi dahdahdidah

DE *"This / From"* dahdidi di

\<HH\>/\<EEEEEEEE\>/\<II\>="Short form) **E**rror didididididididi

K *"Over, Any station can transmit"* O**K** go ahead dahdidah

KA *"Beginning of message"* dahdidah didah

\<KN\> *"Over to you only"* O**K N**amed *"station can transmit"* dahdidahdahdit

N *"No / Negative"* dahdi

\<NJ\>/\<DO\> *"Change to Wabun code"* **N**ext **J**apanese dahdididahdahdah

\<NR\> **N**umbe**R** Follows dahdididahdi

OP *"OPerator"* dahdahdah didahdahdi

R *"All **R**eceived / **R**oger"* didahdi

RST *"Readability-Signal Strength-Tone 599"* didahdi dididi dah

\<SK\> *"End of Contact / Out / Clear"* **S**ilencing **K**ey didididahdidah

\<SN\>/VE *"Ha**VE** Understood"* **S**ure **N**uff didididahdit

\<SOS\> *"Distress Signal"* **S**ave **O**ur **S**ouls dididahdahdahdididit

73 *"Best Regards"* / **83** *"Love and Kisses"*

Q Signals

QRG? What is my frequency?
QRH? Does my frequency vary?
QRI? How is my Tx tone?
QRK? How's my signal?
QRL? Are you busy?
QRM? Is my Tx interference?
QRN? Is there static?
QRO? Shall I increase power?
QRP? Shall I decrease power?
QRQ? Shall I send faster?
QRS? Shall I send slower?
QRT? Shall I stop sending?
QRU? Have you smthng for me?
QRV? Are you ready?
QRW? Shall I inform X of Y?
QRX? When will you call me?
QRY? What is my turn?
QRZ? Who is calling me?
QSA? What is my Tx strength?
QSB? Is my Tx fading?

QSD? Is my Tx mutilated?
QSG? Shall I send x? messages?
QSK? Can I break in?
QSL? Can you ack receipt?
QSM? Shall I repeat message?
QSN? Do you hear me on X khz?
QSO? Can you talk to X?
QSP? Will you relay to X?
QST CQ ARRL (Message)
QSU? Shall I reply on X freq?
QSV? Shall I send Vs on X freq?
QSW? Will you send on X freq?
QSX? Will you listen on X freq?
QSY? Shall I go to X freq?
QSZ? Shall I repeat words/sent?
QTA? Cancel message number?
QTB? Is my word count correct?
QTC? How many messages?
QTH? What is your location?
QTR? What is the correct time?

Some Abbreviations

ANT antenna
BCI broadcast interf.
BK break
BUG semi-auto keyer
B4 before
C yes
CFM confirm
CK check

CL closing station
CQ calling any station
CUD could
CUL CU later
CUM come
ES and/&
FB fine business
GB good-bye

GM/E/N good morn
GUD good
HI laugh/high
HR here
N no
NR number
OP operator
PSE please

R received	**RPT** repeat	**T** zero	**WA/B** word after
RFI radio interr.	**SED** said	**TT** that	**WX** weather
RIG station equip	**SRI** sorry	**TU** thank-you	**XYL** wife

Example Conversation: (https://en.wikipedia.org/wiki/Prosigns_for_Morse_code)

X1AA: **CQ CQ CQ DE X1AA X1AA K**

Calling anyone (CQ), this is (DE) X1AA, over, go ahead anyone (K)

X2BB: **X1AA DE X2BB X2BB <KN>**

Calling X1AA, this is X2BB, back-to-you only. (<KN> means you are inviting *only* the named party to reply)

X1AA: **X2BB DE X1AA = GA DR OM UR RST 599 HR = QTH TIMBUKTU = OP IS JOHN = HW? X2BB DE X1AA <KN>**

We note here again, the "=" signs represent the <BT> prosigns as e.g. in single-line display computerized Morse readers.
Good afternoon dear old man you are RST 599 here
(Note - RST 599 means... Very readable (5), very strong signal (9), very good tone (9))
I'm located in Timbuktu (QTH)
The operator is John
How do you copy? Go ahead only X2BB.

X2BB: **X1AA DE X2BB = TNX FB RPRT DR OM JOHN UR 558 = QTH HIMALAYA = NAME IS YETI = X1AA DE X2BB K**

Thanks for the fine business report dear old man John. I read you 558.
(RST 558 means - Very readable (5), adequate, low-strength signal (5), good tone (8))
I am in the Himalayas (QTH)
My name is Yeti, go ahead anyone (K).
(Note sending K alone as a prosign without the run together N invites other callers to break in).

X1AA: **X2BB DE X1AA = OK TNX QSO DR YETI = 73 ES HPE CU AGN X2BB DE X1AA K**

Okay, thanks (for this) conversation QSO) dear Yeti
Best regards (73) Phillips Code and hope to see you again. Go ahead anyone.

X2BB: **X1AA DE X2BB = R TU CUAGN 73 X1AA DE X2BB <SK>**

Roger (R) thank you see you again best regards (73). Signing off (*silencing key*) .(<SK>)

X1AA: **E E**

This traditional Morse code idiom resembles the archaic English "pip pip".