

**NATO Phonetic Alphabet:** On the radio if you want the other person to understand you, you should use phonetics. You are encouraged, *but not required*, to use the NATO Phonetic Alphabet. Many operators use informal, alternate words (America, Germany, Sugar, etc.) for part or all of their call sign. Some use cute phrases, like “Whiskey One Artificial Intelligence” (for W1AI) to make their call more memorable. As long as you give your call sign in English, and it is clear to anyone listening, these are all legal ways to identify. ***Know your call phonetically (and for fun, know it Morse Code too!)***

<u>Letter</u>	<u>Phonetic</u>	<u>Spoken as</u>	<u>Morse Code</u>	<u>Char</u>	<u>Morse Code</u>
A	Alfa	AL-fah	· —	0	— — — — —
B	Bravo	BRAH-voh	— ···	1	· — — — —
C	Charlie	CHAR-lee or SHAR-lee	— · — ·	2	·· — — —
D	Delta	DEL-tah	— ··	3	··· — —
E	Echo	EK-oh	·	4	···· —
F	Foxtrot	FOKS-trot	·· — ·	5	·····
G	Golf	GOLF	— — ·	6	— ····
H	Hotel	hoh-TEL	····	7	— — ···
I	India	IN-dee-ah	··	8	— — — ··
J	Juliet	JEW-lee-et or JEW-lee-ET	· — — — —	9	— — — — ·
K	Kilo	KEE-loh	— · —	,	— — · — — —
L	Lima	LEE-mah	· — ··	.	· — · — · —
M	Mike	MYK	— —	?	·· — — ··
N	November	noh-VEM-ber	— ·	/	— ··· — ·
O	Oscar	OS-kah	— — —	;	— · · · — ·
P	Papa	pah-PAH	· — — ·	:	— — — ···
Q	Quebec	ke-BEK	— — · —		
R	Romeo	ROH-mee-oh	· — ·		
S	Sierra	see-ERR-ah	···		
T	Tango	TANG-goh	—		
U	Uniform	EW-nee-form or OO-nee-form	·· —		
V	Victor	VIK-tah	··· —		
W	Whiskey	WIS-key	· — —		
X	Xray	EKS-ray or EKS-RAY	— · · —		
Y	Yankee	YANG-kee	— · — —		
Z	Zulu	ZOO-loo	— — ··		

**Common 3 letter Q signals , the first text messaging!** Many Q signals can be a question or an answer.

QRL	Is the frequency busy?	The frequency is busy.
QRM	Abbreviation for interference from other signals.	
QRN	Abbreviation for interference from natural or human-made static.	
QRP	Shall I decrease power?	Decrease power.
QRT	Shall I stop sending or transmitting?	Stop sending or transmitting.
QRV	Are you ready?	I am ready.
QRX	Stand by.	
QRZ	Who is calling me?	
QSL	Did you receive and understand?	Received and understood.
QSO	Abbreviation for a contact.	
QSY	Change to transmission on another frequency (or to ___ kHz).	
QTH	What is your location?	My location is _____.