

# ‘Q’ CODES

- QAV** Are you calling me ? ( I am calling . . . )  
**QRA** **What is your station ?**  
**QRB** How far away are you ?  
**QRG** What channel am I on ?  
**QRH** Does my frequency vary ?  
**QRI** How is my tone ?  
**QRJ** Are you receiving me badly ? Are signals too weak ?  
**QRK** What is my readability ? ( 1 to 5 ) 1 = unreadable. 5 = perfect.  
**QRL** Are you busy ? ( I am busy, do not cut in. )  
**QRM** **Are you being interfered with ( by other stations, man made interference) ?**  
**QRN** **Are you troubled by noise or static ( natural interference, lightning etc.) ?**  
**QRO** Shall I increase transmitter power ?  
**QRP** Shall I decrease transmitter power ?  
**QRQ** Shall I send faster ? ( Words per minute, Morse code. )  
**QRS** Shall I send slower ?( Words per minute, Morse code. )  
**QRT** **Shall I stop transmitting? I am going off the air !**  
**QRU** Have you anything for me ?  
**QRV** Are you ready ?  
**QRW** Shall I tell ... that you are calling them ? ( Please tell ... I am calling them ! )  
**QRX** Wait briefly (e.g. **QRX 1, = wait 1 minute**)  
**QRY** I am on standby unless messages are specifically directed towards me.  
**QRZ** **Who is the station that's calling me ?**  
**QSA** What is my strength ?  
**QSB** Am I fading ?  
**QSD** Is my keying correct ?  
**QSG** Shall I send ... messages at a time ?  
**QSK** Can you hear me between your signals and if so can I break in on your transmission ? (**Breaker** )  
**QSL** **Can you acknowledge receipt of my signals (QSL card) also can mean 10-4, roger.**  
**QSM** Shall I repeat the last message I sent ?  
**QSN** Did you hear me on ... Mhz ?  
**QSO** **Communication between two or more stations. ( A conversation. )**  
**QSP** Will you relay to ... ?  
**QSR** Shall I repeat the ( your ) call on the calling frequency ?  
**QSS** What working frequency will you use ?  
**QST** This is a general call preceding a message addressed to all amateur radio operators, and specifically to all ARRL members ( American Radio Relay League ) In effect CQ ARRL  
**QSU** Shall I reply on this ... frequency or on ... ?  
**QSV** Shall I transmit a series of VVVVV ?  
**QSW** Will you transmit on this ... frequency ?  
**QSX** Will you listen for ... ( call sign ) on ... frequency ?  
**QSY** **Will you change to another channel? I am changing to ... frequency !**  
**QSZ** Shall I send each group or word twice ?  
**QTA** Shall I cancel message number ... ?  
**QTB** Do you agree with my number of words ?  
**QTC** How many messages do you have to send ?  
**QTH** **What is your location now?**  
**QTR** **What is your correct time?**  
**QTU** What hours are you operating ? When are you on ?  
**QTX** Will you keep your station open for further communication, until further notice, or until ... hours ?  
**QUA** Have you any news of ... ?

# International Phonetic (Sounds Like) Alphabets

ICAO ( International Civil Aviation Organisation )

American Telephone ( Armed Forces ) Alphabet

<b>A</b>	<b>Alpha</b>
<b>B</b>	<b>Bravo</b>
<b>C</b>	<b>Charlie</b>
<b>D</b>	<b>Delta</b>
<b>E</b>	<b>Echo</b>
<b>F</b>	<b>Foxtrot</b>
<b>G</b>	<b>Golf</b>
<b>H</b>	<b>Hotel</b>
<b>I</b>	<b>India</b>
<b>J</b>	<b>Juliet</b>
<b>K</b>	<b>Kilo</b>
<b>L</b>	<b>Lima</b>
<b>M</b>	<b>Mike</b>
<b>N</b>	<b>November</b>
<b>O</b>	<b>Oscar</b>
<b>P</b>	<b>Papa</b>
<b>Q</b>	<b>Quebec</b>
<b>R</b>	<b>Romeo</b>
<b>S</b>	<b>Sierra</b>
<b>T</b>	<b>Tango</b>
<b>U</b>	<b>Uniform</b>
<b>V</b>	<b>Victor</b>
<b>W</b>	<b>Whiskey</b>
<b>X</b>	<b>X-ray</b>
<b>Y</b>	<b>Yankee</b>
<b>Z</b>	<b>Zulu</b>

<b>A</b>	<b>Abel</b>
<b>B</b>	<b>Baker</b>
<b>C</b>	<b>Charlie</b>
<b>D</b>	<b>Dog</b>
<b>E</b>	<b>Easy</b>
<b>F</b>	<b>Fox</b>
<b>G</b>	<b>George</b>
<b>H</b>	<b>Horn</b>
<b>I</b>	<b>Icon</b>
<b>J</b>	<b>Juliet</b>
<b>K</b>	<b>King</b>
<b>L</b>	<b>Love</b>
<b>M</b>	<b>Mike</b>
<b>N</b>	<b>Nan</b>
<b>O</b>	<b>Oboe</b>
<b>P</b>	<b>Peter</b>
<b>Q</b>	<b>Queen</b>
<b>R</b>	<b>Roger</b>
<b>S</b>	<b>Sugar</b>
<b>T</b>	<b>Tare</b>
<b>U</b>	<b>Uncle</b>
<b>V</b>	<b>Victor</b>
<b>W</b>	<b>William</b>
<b>X</b>	<b>Eks</b>
<b>Y</b>	<b>Yoke</b>
<b>Z</b>	<b>Zebra</b>

The ICAO version is most often used by radio operators.

## Miscellaneous Codes Uses and Meanings.

- AM.** **Amplitude Modulation,** Class of radio transmission composed of a carrier and two sidebands. Transmit Freq. and Transmit Power stays the same when sound is made. Carrier power is constantly being transmitted when PTT button is in.
- FM.** **Frequency Modulation,** Transmit power stays same, Transmit Freq. shifts to produce different tones for sound.
- SSB.** **Single Side Band,** in effect, half an AM transmission with a suppressed carrier. Power is transmitted only when sound is input through microphone.
- LSB.** **Lower Side Band,** as AM is composed of both side bands, operators listening on a side band can understand AM transmissions but someone on AM mode on the same channel will be unable to understand a sideband transmission as only half the signal is present.
- USB.** **Upper Side Band,** as above but other side of channel.
- CW.** **Continuous Wave or Carrier Wave,** used for Morse Code transmissions.
- CQ.** **Attention all stations, General broadcast !**
- CT.** **Attention (station being called). For calling one station in particular.**
- DX.** **Long Distance.**
- YL.** **Young Lady.**
- XYL.** **Wife ( Not so young female )**
- YF.** **Wife ( Young Female )**
- YM.** **Young Male.**
- XYM.** **Husband ( Not so young male )**
- OB.** **Old Boy.**
- OT.** **Old Timer.**
- OP.** **Operator.**
- SWL.** **Short Wave Listener.**
- SWR.** **Standing Wave Ratio,** For measuring how well your antenna is tuned into your transmitter, a high SWR indicates the antenna is not tuned to the transmitting freq. and power is being reflected back into the transmitter  
**( highly undesirable condition and dangerous to the transmitter )**
- 73'S.** **Best regards ( Best Wishes )**
- 88'S.** **Love and Kisses.**
- EYEBALL.** **Meet someone in person.**
- VINTAGE.** **Your Age.**
- HANDLE.** **Your Real Name.**
- PERSONAL.** **Your Real Name.**
- CALLSIGN.** **Your Radio Name or Number.**
- LAND LINE.** **(Lima Lima) Telephone.**
- MUD DUCK.** **A radio station whose signal strength does not rise above the background static.**
- KOJAK WITH A KODAK.** **Police RADAR speed trap.**
- DOUBLE BUBBLE or BLUE HEELER.** **Marked Police Vehicle**

## MORSE CODE

A	-	di, dah
B	-	dah,di,di,dit
C	- -	dah, dit,dah,dit
D	-	dah,di,dit
E		dit
F	-	di,dit,dah,dit
G	--	dah,dah,dit
H		di,di,di,dit
I		di,dit
J	---	di,dah,dah,dah
K	- -	dah,di,dah
L	-	di,dah,di,dit
M	--	dah,dah
N	-	dah,dit
O	---	dah,dah,dah
P	--	di,dah,dah,dit
Q	-- -	dah,dah,di,dah
R	-	di,dah,dit
S		di,di,dit
T	-	dah
U	-	di,dit,dah
V	-	di,di,dit,dah
W	--	di,dah,dah
X	- -	dah,di,dit,dah
Y	- ---	dah,di,dah,dah
Z	--	dah,dah,di,dit

<b>1</b>	-----	di,dah,dah,dah,dah
<b>2</b>	----	di,dit,dah,dah,dah
<b>3</b>	--	di,di,dit,dah,dah
<b>4</b>	-	di,di,di,dit,dah
<b>5</b>		di,di,di,di,dit
<b>6</b>	-	dah,di,di,di,dit
<b>7</b>	--	dah,dah,di,di,dit
<b>8</b>	---	dah,dah,dah,di,dit
<b>9</b>	----	dah,dah,dah,dah,dit
<b>0</b>	-----	dah,dah,dah,dah,dah
<b>ERROR</b>		di,di,di,di,di,di,dit
<b>( . ) Full stop.</b>	- - -	di,dah,di,dah,di,dah
<b>( , ) Comma</b>	-- --	dah,dah,di,dit,dah,dah
<b>( ? ) Query</b>	--	di,dit,dah,dah,di,dit
<b>( : ) Colon</b>	---	dah,dah,dah,di,di,dit
<b>( ' ) Apostrophe</b>	----	di,dah,dah,dah,dah,dit
<b>( - ) Dash</b>	- -	dah,di,di,di,dit,dah
<b>( / ) Fraction Bar</b>	- -	dah,di,dit,dah,dit
<b>( ( ) Left bracket</b>	- --	dah,di,dah,dah,dit
<b>( ) Right bracket</b>	- ---	dah,di,dah,dah,di,dah
<b>Underline ( sent at beginning and end of passage )</b>	-- -	di,dit,dah,dah,dit,dah
<b>Break sign ( = )</b>	- -	-dah,di,di,dit,dah
<b>Quotes</b>	- -	di,dah,di,dit,dah,dit
<b>X ( ending signal )</b>	- -	di,dah,di,dah,dit
<b>Invitation to transmit ( K )</b>	- -	dah,di,dah
<b>Wait</b>	-	di,dah,di,di,dit
<b>End of work</b>	- -	di,di,dit,dah,di,dah
<b>Starting signal</b>	- - -	dah,di,dah,di,dah