

The following without the < > are other commonly used two letter procedural signals -- some Hams run them together -- others do not.

- BK Break
- CL Going off the air (clear)
- CQ Calling any amateur radio station (Many add a space between the C and the Q)
- DE This or From
- KA Beginning of message
- KN Go only, invite a specific station to transmit
- VE Understood (VE)

**Commonly used in CW - single letter meanings**

- C Correct yes
- K Go, invite any station to transmit
- N No Negative
- R All received OK

**CW ABBREVIATIONS Prosigs in < >**

<p>AA - All after            &lt;AA&gt; End Of Line            AB - All before            ABT - About            ADEE - Addressee            ADR - Address            ADS - Address            AGN - Again            AM - Amplitude Modulation            ANI - Any            ANS - Answer            ANT - Antenna            &lt;AR&gt; End of message            &lt;AS&gt; Stand by; wait            &lt;AT&gt; - used for the @ sign for E-Mail            Addresses New proposal is AC run together</p>	<p>BCI - Broadcast Interference            BCL - Broadcast Listener            BCNU - Be seeing you            BD - Bad            BK - Break, Break in            BN - All between; Been            &lt;BT&gt; Separation (break) between address and text; between text and signature.            BTH Both            BTR - Better            BTW - By The Way            BUG - Semi-Automatic key            BURO -Bureau            B4 - Before</p>	<p>C - Yes, Correct            CB - CallBook            CBA - Callbook Address            CFM - Confirm; I confirm            CK - Ckeck            CKT - Circuit            CL - I am closing my station; Call            CLBK - Callbook            CLD - Called            CLG - Calling            CMG - Coming            CNT - Can't            CONDX - Conditions            CPI - Copy            CQ - Calling any station            CRD - Card            CS - Call Sign            CU - See You            CUAGN - See You Again            CUD - Could            CUL - See You later            CUM - Come            CUZ - Because            CW - Continuous wave</p>
<p>DA - Day            DE - From, This Is            DIFF - Difference            DLD - Delivered            DLVD - Delivered            DN - Down            DR - Dear            DSW - Russian CW abbreviation for goodbye.            DWN - Down            DX - Distance</p>	<p>EL - Element            ES - And            ENUF - Enough            EU - Europe            EVE - Evening</p>	<p>FB - Fine Business, excellent            FER - For            FM - Frequency Modulation: From            FONE - Phone            FQ - Frequency            Freq -- Frequency            FWD -- Forward</p>
<p>GA - Go ahead; Good Afternoon            GB - Good bye, God Bless            GD - Good, Good Day            GE - Good Evening            GESS - Guess            GG - Going            GLD -- Glad            GM - Good morning</p>	<p>&lt;HH&gt; Error in sending            HI - The telegraph laugh; High            HPE - Hope            HQ - Headquarters            HR - Here; Hear, Hour            HRD - Heard            HRS - Hours            HRD -- Heard</p>	<p>II -- I Repeat            &lt;II&gt; Short form of &lt;HH&gt;            &lt;IMI&gt; - Repeat, Say Again            INFO - Info            JA - Japanese Station            K - Invitation To Transmit            KA Beginning of message            KLIX - KeyClicks</p>

<p>GN - Good night  GND - Ground  GP -- Ground Plane  GS - Green Stamp  GUD - Good  GV - Give  GVG - Giving</p>	<p>HV - Have  HVG - Having  HVV - Heavy  HW - How, How Copy?</p>	<p>KN Go only, invite a specific station to transmit</p>
<p>LID - A poor operator  LNG - Long  LP - Long Path  LSN - Listen  LTR - Later; letter  LV - Leave  LVG - Leaving  LW - Long Wire., Long Wave</p>	<p>MA - Millamperes  MGR - Manager  MI - My  MILL - Typewriter  MILS - Millamperes  MNI - Many  MOM - Moment  MSG - Message; Prefix to radiogram  MULT - Multiplier</p>	<p>N - No, Negative, Incorrect, No More  N - Nine (as in Signal Report)  NCS - Net Control Station  ND - Nothing Doing  NIL - Nothing; I have nothing for you; Not In Log  NM - No more  &lt;NR&gt; - Number, Near  NW - Now; I resume transmission</p>
<p>OB - Old boy  OC - Old chap  OK - Correct  OM - Old man  OP - Operator  OPR - Operator  OT - Old timer; Old top  OW - Old Woman</p>	<p>PBL - Preamble  PKG - Package  PSE - Please  PT - Point  PWR - Power  PX - Press, Prefix</p>	<p>R - Received as transmitted; Are;  R - Decimal Point (with numbers)  RC - Ragchew  RCD - Received  RCVR - Receiver  RE - Concerning; Regarding  REF - Refer to; Referring to; Reference  RFI - Radio frequency interference  RIG - Station equipment  ROTFL - Rolling on the floor laughing  RPT - Repeat, Report  RTTY - Radio teletype  RST - Readability, strength, tone  RX - Receive, Receiver</p>
<p>SA - Say  SASE - Self-addressed, stamped envelope  SED - Said  SAE - Self-Addressed Envelope  SEZ - Says  SGD - Signed  SHUD - Should  SIG - Signature; Signal  SINE - Operator's personal initials or nickname  &lt;SK&gt; Out; clear (end of communications, no reply expected.)  SK - Silent Key  SKED - Schedule  SN - Soon  SP - Short Path  SRI - Sorry  SS - Sweepstakes  SSB - Single Side Band  STN - Station  SUM - Some  SVC - Service; Prefix to service message  SWL - Short Wave Listener  /ST short timer on check in</p>	<p>T - Zero (with numbers)  TEMP - Temperature  TEST - Testing or Contest  TFC - Traffic  TIA - Thanks In Advance  TMW - Tomorrow  TKS - Thanks  TNX - Thanks  TR - Transmit  T/R - Transmit/Receive  TRBL - Trouble  TRIX - Tricks  TRX - Transceiver  TT - That  TTS - That is  TU - Thank you  TVI - Television interference  TX - Transmitter; Transmit  TXT - Text</p>	<p>U - You  UFB - Ultra Fine Business  UNLIS - Unlicensed  UR - Your; You're  URL - Universal Resource Locator Address For a WebPage  URS - Yours</p>
<p>VE Understood (VE)  VERT - Vertical  VFB - Very fine business  VFO - Variable Frequency Oscillator  VY - Very</p>	<p>W - Watts  WA - Word after  WATSA - What Say  WB - Word before  WD - Word  WDS - Words  WID - With  WKD - Worked  WKG - Working  WL - Well; Will  WPM - Words Per Minute  WRD - Word  WRK - Work  WUD - Would  WW - Would  WX- Weather</p>	<p>XCVR - Transceiver  XMAS - Christmas  XMTR - Transmitter  XTAL - Crystal  XYL - Wife</p>

YF -Wife YL - Young lady YR - Year Z - Zulu Time	30 - I have no more to send 33 - Fondest Regards 55 - Best Success 73 - Best Regards (NOT 73'S) * 88 - Love and kisses (NOT 88'S)  161 - 73+88=161" first came about in FOC circles (First-Class CW Operators' Club, founded by Louis Varney G5RV a number of years ago). The essential meaning is "Best regards to you and your XYL".	? question (like QRL?)
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## Q-Signals For Amateur Radio Operators

Q-Sig	Message
QRA	What is the name of your station? The name of my station is ____.
QRB	How far are you from my station? I am ____ km from you station
QRD	Where are you bound and where are you coming from? I am bound ____ from ____.
QRG	Will you tell me my exact frequency? Your exact frequency is ____ kHz.
QRH	Does my frequency vary? Your frequency varies.
QRI	How is the tone of my transmission? The tone of your transmission is ____ (1-Good, 2-Variable, 3-Bad.)
QRJ	Are you receiving me badly? I cannot receive you, your signal is too weak.
QRK	What is the intelligibility of my signals? The intelligibility of your signals is ____ (1-Bad, 2-Poor, 3-Fair, 4-Good, 5-Excellent.)
QRL	Are you busy? I am busy, please do not interfere
QRM	Is my transmission being interfered with? Your transmission is being interfered with ____ (1- Nil, 2-Slightly, 3-Moderately, 4-Severly, 5-Extremely.)
QRN	Are you troubled by static? I am troubled by static ____ (1-5 as under QRM.)
QRO	Shall I increase power? Increase power.
QRP	Shall I decrease power? Decrease power.
QRQ	Shall I send faster? Send faster (____ WPM.)
QRR	Are you ready for automatic operation? I am ready for automatic operation. Send at ____ WPM.
QRS	Shall I send more slowly? Send more slowly (____ WPM.)
QRT	Shall I stop sending? Stop sending.
QRU	Have you anything for me? I have nothing for you.

QRV	Are you ready? I am ready.
QRW	Shall I inform ___ that you are calling? Please inform ___ that I am calling.
QRX	When will you call me again? I will call you again at ___ hours.
QRY	What is my turn? Your turn is numbered ___.
QRZ	Who is calling me? You are being called by ___.
QSA	What is the strength of my signals? The strength of your signals is ___ (1-Scarcely perceptible, 2-Weak, 3-Fairly Good, 4-Good, 5-Very Good.)
QSB	Are my signals fading? Your signals are fading.
QSD	Is my keying defective? Your keying is defective.
QSG	Shall I send ___ messages at a time? Send ___ messages at a time.
QSJ	What is the charge to be collected per word to ___ including your international telegraph charge? The charge to be collected per word is ___ including my international telegraph charge.
QSK	Can you hear me between your signals and if so can I break in on your transmission? I can hear you between my signals, break in on my transmission.
QSL	Can you acknowledge receipt? I am acknowledging receipt.
QSM	Shall I repeat the last message which I sent you? Repeat the last message.
QSN	Did you hear me on ___ kHz? I did hear you on ___ kHz.
QSO	Can you communicate with ___ direct or by relay? I can communicate with ___ direct (or by relay through ___.)
QSP	Will you relay to ___? I will relay to ___.
QSQ	Have you a doctor on board? (or is ___ on board?) I have a doctor on board (or ___ is on board.)
QSU	Shall I send or reply on this frequency? Send a series of Vs on this frequency.
QSV	Shall I send a series of Vs on this frequency? Send a series of Vs on this frequency.
QSW	Will you send on this frequency? I am going to send on this frequency.
QSY	Shall I change to another frequency? Change to another frequency.
QSZ	Shall I send each word or group more than once? Send each word or group twice (or ___ times.)
QTA	Shall I cancel message number ___? Cancel message number ___.
QTB	Do you agree with my counting of words? I do not agree with your counting of words. I will repeat the first letter or digit of each word or group.
QTC	How many messages have you to send? I have ___ messages for you.
QTE	What is my true bearing from you? Your true bearing from me is ___ degrees.
QTG	Will you send two dashes of 10 seconds each followed by your call sign? I am going to send two dashes of 10 seconds each followed by my call sign.
QTH	What is your location? My location is ___.
QTI	What is your true track? My true track is ___ degrees.

QTJ	What is your speed? My speed is ___ km/h.
QTL	What is your true heading? My true heading is ___ degrees.
QTN	At what time did you depart from ___? I departed from ___ at ___ hours.
QTO	Have you left dock (or port)? I have left dock (or port).
QTP	Are you going to enter dock (or port)? I am going to enter dock (or port.)
QTQ	Can you communicate with my station by means of the International Code of Signals? I am going to communicate with your station by means of the International Code of Signals.
QTR	What is the correct time? The time is ___.
QTS	Will you send your call sign for ___ minutes so that your frequency can be measured? I will send my call sign for ___ minutes so that my frequency may be measured.
QTU	What are the hours during which your station is open? My station is open from ___ hours to ___ hours.
QTV	Shall I stand guard for you on the frequency of ___ kHz? Stand guard for me on the frequency of ___ kHz.
QTX	Will you keep your station open for further communication with me? I will keep my station open for further communication with you.
QUA	Have you news of ___? I have news of ___.
QUB	Can you give me information concerning visibility, height of clouds, direction and velocity of ground wind at ___? Here is the information you requested...
QUC	What is the number of the last message you received from me? The number of the last message I received from you is ___.
QUD	Have you received the urgency signal sent by ___? I have received the urgency signal sent by ___.
QUF	Have you received the distress signal sent by ___? I have received the distress signal sent by ___.
QUG	Will you be forced to land? I am forced to land immediately.
QUH	Will you give me the present barometric pressure? The present barometric pressure is ___ (units).