2022-12-18 by K7MCK

<b>AR</b> End of message body
(followed by callsigns)
(+)

**AS** Wait (&)

**BK** Back to you (break in)

**BT** New section (=)

**HH** Sending error - retrying

**K** Go ahead (over)

**Prosigns** 

**KN** Go ahead (specific station, also "(")

R Roger (recieved)

**SK** End of contact (final transmission)

Q Codes

**QRL?** Is this frequency busy?

**QRM** Radio interference

**QRN** Static (natural) interference

**QRP** Low power

**QRQ** Send faster (\_\_ WPM)

**QRS** Send more slowly (WPM)

**QRZ?** Who is calling me?

**QSB** Signal fading

**QSL?** Acknowledge receipt?

**QSO** Conversation or contact

**QSY** Change frequency

**QTH** My location.

## **Abbreviations**

**ANT** Antenna

**CQ** Calling any station

**DE** This is <callsign>

**ES** and

**FB** Fine business

**FER** for

I ..

**GM/GA/GE** Good morning, afternoon, or evening

**HR** Here (my)

**HW?** How copy?

**RIG** Radio equipment

**RST** Signal report

**TU** Thank you (sometimes TNX)

**UR** Your or you're

**WX** Weather

**599** Perfect signal report (also 5NN)

**73** Best regards

## QSO Template

You: CQ CQ DE your callsign your callsign K

Them: your callsign DE their callsign their callsign K

You: GM their callsign TNX FER CALL

**UR RST 599** 

NAME your name your name

QTH your city your city

 $\overline{\mathsf{HW?}}$   $\overline{\mathsf{AR}}$  their callsign  $\overline{\mathsf{DE}}$  your callsign  $\overline{\mathsf{K}}$ 

CW Sub Bands					
Band	Extra	General	Technician		
160m	1.8 -				
80m	3.5 - 3.6 MHz	3.525 - 3.6 MHz	•		
60m	5,332, 5,348, 5,358.5, 5,405 kHz				
40m	7.0 - 7.125 MHz	7.025 - 7.125 MHz			
30m	10.1 - 10.15 MHz				
20m	14.0 - 14.150 MHz	14.025 - 14.150 MHz			
17m	18.068 - 18.110 MHz				
15m	21.0 - 21.2 MHz	21.025 - 21.2 MHz			
12m	24.890 - 24.930 MHz				
10m	28.0 - 28.3 MHz				
6m	50.0 - 50.1 MHz				
2m	144.0 - 144.1 MHz				

## Letters

R

Numbers	Cut Numbers	Symbols	
1 6	1 •-		
2 · 7···	2 …—	, " )	
3 8	3 ···-	=	
4 ···- 9	5 •	? +	
5 0	7	/ ; \$	
	8	! : @	
	9 -•		
	0 <b>–</b>		