Ham Radio CW Cheatsheet

Prosigns

K Go ahead (over)

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

BT New section (=)

BK Back to you (break in)

AR End of message body (followed by callsigns) (+)

HH Sending error - retrying

AS Wait (&)

SK End of contact (final transmission)

Q Codes

QRL? Is this frequency busy?

QSO Conversation or contact

QRS Send more slowly (_ WPM)

QRQ Send faster (_ WPM)

QTH My location.

QRZ? Who is calling me?

QSY Change frequency

QRM Radio interference

QRN Static (natural) interference

QSB Signal fading

QSL? Acknowledge receipt?

QRP Low power

Abbreviations

CQ Calling any station

DE This is <callsign>

TU Thank you (sometimes TNX)

73 Best regards

UR Your or you're

HR Here (my)

RST Signal report

599 Perfect signal report (also 5NN)

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

FB Fine business

HW? How copy?

RIG Radio equipment

ANT Antenna

WX Weather

ES and

FER for

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`

HW? AR `their callsign` DE `your callsign` K

CW Sub Bands

Band	Extra	General	Technician
160m	1.8 - 2.0 MHz		
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

A ·—	D —··	G ——·	J ·———	M ——	P ·——·
S ···	V ···—	Y —·——			
B —···	E ·	H ····	K —·—	N —·	Q ——·—
T —	W ·——	Z ——··			
C —·—·	F ··—·	I ··	L ·—··	O ———	R ·—·
U ··—	X —··—				

Numbers

1	·————	6	—····
2	··———	7	——···
3	···——	8	———··
4	····—	9	————·
5	·····	0	—————

Cut Numbers

1	·—
2	··—
3	···—
5	·
7	—···
8	—··
9	—··
0	—

Symbols

. ·—·—·—	' ·————·	(—·——·
, ——··——	" ·—··—·	) —·——·—
= —···—	- —····—	& ·—···
? ··——··	+ ·—·—·	_ ··——·—
/ —··—·	; —·—·—·	$ ···—··—
! —·—·——	: ———···	@ ·——·—·