

Amateur Radio Reference Sheet

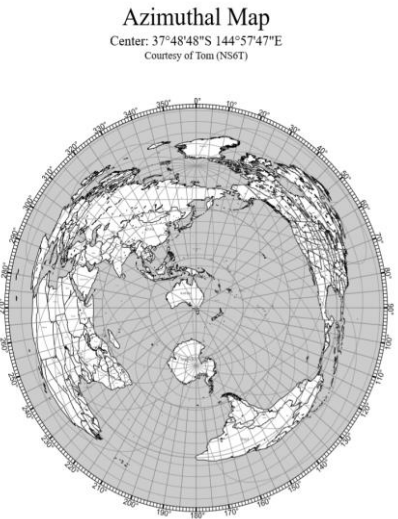
Q Codes		
Questions	Answers	
What is my signal readability?	QRK Your signal readability is... (RST)	
Are you busy?	QRL I am busy.	
Are you interfered with?	QRM I am being interfered. (Manmade noise)	
Are you troubled by static?	QRN I have static. (Noise)	
Shall I increase power?	QRO Increase power.	
Shall I decrease power?	QRP Decrease power.	
Shall I send faster?	QRQ Send faster at words per minute.	
Shall I send slower?	QRS Send slowly.	
Shall I stop sending?	QRT Stop sending. (Quiet)	
Do you have anything for me?	QRU I have something for you.	
Are you ready?	QRV I am ready.	
Please wait	QRX I am waiting.	
Who is calling me?	QRZ You are called by.....	
Are my signals fading?	QSB Your signal is fading.	
Acknowledge receipt.	QSL I am acknowledging receipt.	
Can you communicate with?	QSO I can communicate with....	
Shall I change frequency?	QSY Changing frequency....	
What is your location?	QTH My location is (Home)	

Decibels	Ratios	
	Power	E or I
1	1.2589	1.122
2	1.5849	1.2589
3	1.9953	1.4125
4	2.5119	1.5849
5	3.1623	1.7783
6	3.9811	1.9953
7	5.0119	2.2387
8	6.3006	2.5119
9	7.9433	2.8184
10	10	3.1623
11	12.589	3.5481
12	15.849	3.9811
13	19.953	4.4668
14	25.119	5.0119
15	31.623	5.6231
20	100	10
26	398.11	19.953
30	1000	31.623
40	10000	100
50	100000	316.23
60	1000000	1000
70	10000000	3162.3
80	100000000	10000
90	1000000000	31623
100	10000000000	100000

- VK0** - Antarctica
- VK1** - ACT
- VK2** - New South Wales
- VK3** - Victoria
- VK4** - Queensland
- VK5** - South Australia
- VK6** - Western Australia
- VK7** - Tasmania
- VK8** - Northern Territory
- VK9** - Australian External Territory
- AX\$** - National Events
\$ = State number
- VI\$** - Club or local events

More code in code order									
E	•							T	—
I	•	•						M	— —
S	•	•	•					O	— — —
H	•	•	•	•				N	— •
A	•	—						G	— — •
U	•	•	—					Z	— — • •
V	•	•	•	—				Q	— — • —
W	•	—	—					D	— • •
J	•	—	—	—				B	— • • •
R	•	—	•					K	— • —
L	•	—	•	•				C	— • — •
F	•	•	—	•				Y	— • — —
P	•	—	—	•				X	— • • —
1	•	—	—	—	—			6	— • • • •
2	•	•	—	—	—			7	— — • • •
3	•	•	•	—	—			8	— — — • •
4	•	•	•	•	—			9	— — — — •
5	•	•	•	•	•			0	— — — — —

Phonetic Alphabet		
A - Alpha	N - November	. - Decimal
B - Bravo	O - Oscar	- - Stop
C - Charlie	P - Papa	
D - Delta	Q - Quebec	0 - Zero
E - Echo	R - Romeo	1 - Wun
F - Foxtrot	S - Sierra	2 - Two
G - Golf	T - Tango	3 - Tree
H - Hotel	U - Uniform	4 - Fower
I - India	V - Victor	5 - Fife
J - Juliet	W - Whiskey	6 - Six
K - Kilo	X - X-ray	7 - Seven
L - Lima	Y - Yankee	8 - Ait
M - Mike	Z - Zulu	9 - Niner



- Signal Readability**
- Unreadable
 - Barely readable, occasional words ok
 - Readable with considerable difficulty
 - Readable with practically no difficulty
 - Perfectly readable

Distress: "MAYDAY" (CW: SOS)
Urgency: "PAN PAN" (CW: XXX)
Safety: "SECURITE" (CW: TTT)

- Abbreviated Codes**
- BK** - Break
 - CQ** - Call
 - DE** - From.
 - DX** - Distant
 - MSG** - Message
 - PSE** - Please
 - R** - Received
 - Rx** - Receiver
 - Tx** - Transmitter



Pin	ISO Standard	Old
Active	Brown	Red
Neutral	Blue	Black
Earth	Green/Yellow	Green