

# VK3JFP - Amateur Radio Quick Reference Sheet

## Foundation (6 bands)

## Standard (11 bands)

## Advanced (25 bands)

Band	Freq MHz	Mode	Band	Freq MHz	Mode	Band	Freq MHz	Mode
<b>80m</b>	3.5 - 3.7	Any mode	<b>80m</b>	3.5 - 3.7	Any mode	<b>2200m</b>	.135 - .1378	Any mode
<b>40m</b>	7 - 7.3		<b>40m</b>	7 - 7.3		<b>630m</b>	.472 - .479	
<b>15m</b>	21 - 21.45		<b>20m</b>	14 - 14.35		<b>160m</b>	1.8 - 1.875	
<b>10m</b>	28 - 29.7		<b>15m</b>	21 - 21.45		<b>80m</b>	3.5 - 3.7	
<b>2m</b>	144 - 148		<b>10m</b>	28 - 29.7			3.776 - 3.8	
<b>70cm</b>	430 - 450		<b>6m</b>	52 - 54		<b>40m</b>	7 - 7.3	
<b>HF Conventions</b> SSB >10MHz = USB SSB <10MHz = LSB RTTY use LSB			<b>2m</b>	144 - 148		<b>30m</b>	10.1 - 10.15	
			<b>70cm</b>	430 - 450		<b>20m</b>	14 - 14.35	
			<b>23cm</b>	1240 - 1300		<b>17</b>	18.068 - 18.168	
			<b>13cm</b>	2400 - 2450		<b>15m</b>	21 - 21.45	
			<b>6cm</b>	5650 - 5850		<b>12m</b>	24.89 - 24.99	
					<b>10m</b>	28 - 29.7		
<b>Distress: "MAYDAY" (CW: SOS)</b> <b>Urgency: "PAN PAN" (CW: XXX)</b> <b>Safety: "SECURITE" (CW: TTT)</b>			<b>6m</b>	50 - 54	<b>2m</b>	144 - 148		
			<b>2m</b>	144 - 148	<b>70 cm</b>	430 - 450		
			<b>70 cm</b>	430 - 450	<b>23cm</b>	1240 - 1300		
			<b>23cm</b>	1240 - 1300		2300 - 2302		
			<b>13cm</b>	2400 - 2450		2400 2450		
			<b>10cm</b>	3300 - 3425		3300 - 3425		
				3492.5 3542.5		3492.5 3542.5		
				3575 - 3600		3575 - 3600		
			<b>6cm</b>	5650 5850		5650 5850		
			<b>3cm</b>	10 - 10.5GHz		10 - 10.5GHz		
			<b>1.25cm</b>	24 = 24025GHz		24 = 24025GHz		
<b>7.5mm</b>	47 - 47.2GHz		47 - 47.2GHz					
<b>3.7mm</b>	76 - 81GHz		76 - 81GHz					
<b>2.5mm</b>	122.25 - 123GHz		122.25 - 123GHz					
<b>2mm</b>	134 - 141GHz		134 - 141GHz					
<b>1.25mm</b>	241 - 250GHz		241 - 250GHz					

The shaded frequencies allow cross communications between all grades of licence.

POWER LIMITS				
Mode	Power	Foundation	Standard	Advanced
CW	Mean(pY)	10W	30W	120W
AM	Mean(pY)	10W	30W	120W
SSB	PEP(pX)	10W	100W	400W
Digital	Mean(pY)	10W	30W	120W
FM	Mean(pY)	10W	30W	120W

Abbreviated Codes	
<b>BK</b>	- Break
<b>CQ</b>	- Call
<b>DE</b>	- From.
<b>DX</b>	- Distant
<b>MSG</b>	- Message
<b>PSE</b>	- Please
<b>R</b>	- Received
<b>Rx</b>	- Receiver

2 Metre Conventions	
<= 147MHz use - 600kHz offset	
>147MHz use + 600kHz offset	

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

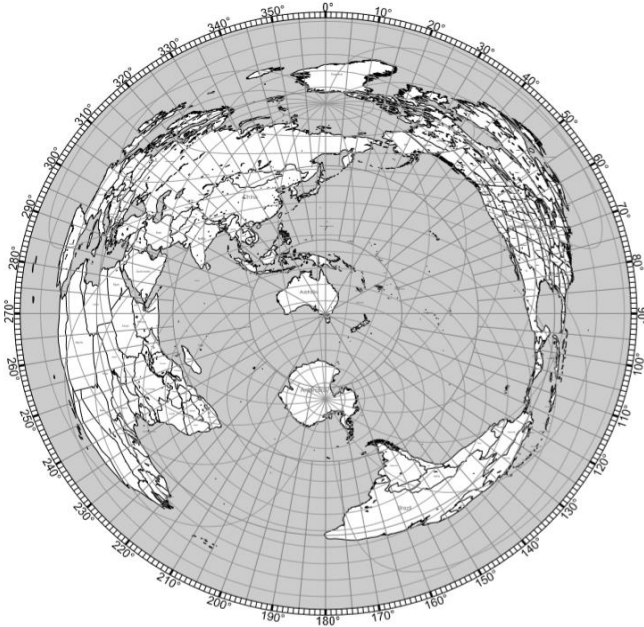
Questions		Q Codes Answers	
What is my signal readability?	<b>QRK</b>	Your signal readability is...	(RST)
Are you busy?	<b>QRL</b>	I am busy.	
Are you interfered with?	<b>QRM</b>	I am being interfered.	(Manmade noise)
Are you troubled by static?	<b>QRN</b>	I have static.	(Noise)
Shall I increase power?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

ARRL HF Calling Frequencies			
<b>80m</b>	3.985Mhz SSB	<b>40m</b>	7.285Mhz SSB
<b>20m</b>	14.285Mhz SSB	<b>15m</b>	21.385Mhz SSB
<b>10m</b>	28.385Mhz SSB	Just starting point for contacts.	

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## Azimuthal Map

Center: 37°48'48"S 144°57'47"E  
 Courtesy of Tom (NS6T)



### Resistor Colours

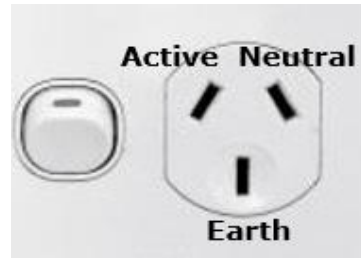
Black	=	0
Brown	=	1
Red	=	2
Orange	=	3
Yellow	=	4
Green	=	5
Blue	=	6
Violet	=	7
Grey	=	8
White	=	9
Gold	=	5%
Silver	=	10%

### Phonetic Alphabet

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

### More code in code order

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



### Signal Readability

1. Unreadable
2. Barely readable, occasional words ok
3. Readable with considerable difficulty
4. Readable with practically no difficulty
5. Perfectly readable

### 240 Volt Wiring

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