



NEW HAM QUICK REFERENCE

PHONETIC ALPHABET

| | | | | | | | | |
|--------|-------|---------|--------|---------|---------|--------|--------|----------|
| Alpha | Bravo | Charlie | Delta | Echo | Foxtrot | Golf | Hotel | India |
| Juliet | Kilo | Lima | Mike | Nov'mbr | Oscar | Papa | Quebec | Romeo |
| Sierra | Tango | Uniform | Victor | Whiskey | Xray | Yankee | Zulu | / Stroke |

BANDS & OFFSETS

| BAND | FREQUENCY RANGE | OFFSET |
|----------------|-----------------|--------------|
| 2 meters | 144MHz - 148MHz | +/- 0.6 MHz. |
| 1.25 meters | 222MHz - 225MHz | +/- 5.0 MHz |
| 70 centimeters | 440MHz - 448MHz | +/- 5.0 MHz |

SIMPLEX FREQUENCIES

| | | | | | | | | | |
|--------------|---------|---------|-------------|----------------|----------------|---------|-----------|-------------|----------------|
| 2m | 146.520 | 146.535 | 146.550 | 146.565 | 146.580 | 146.595 | 147.420 | 147.435 | 147.450 |
| | 147.465 | 147.480 | 147.495 | 147.510 | 147.525 | 147.540 | 147.555 | 147.570 | 147.585 |
| 1.25m | 223.420 | 223.440 | 223.460 | 223.480 | 223.500 | 223.520 | | 70cm | 446.000 |
| 33cm | 906.500 | | 23cm | 1294.00 | 94.020 | 94.050 | +0.025 -> | 1295.00 | |

Note: **Bolded** frequencies are National Calling frequencies

PROCEDURES

Testing your rig

- Use "[call sign] testing" if you just want to test your radio or the repeater
- Use "[call sign] for radio check" if you want someone to give you a report

Signal Reports

"Weak Audio" Too far from the microphone
 "Noisy/Scratchy" Low power, bad propagation, bad connector or antenna
 "Hum" or "Buzz" Using noisy power supply or charger
 "Warbling" sound You "doubled" with another station
 "Full Quieting" Strong signal, no noise

Checking In

"[call sign] monitoring (base)" or "[call sign] mobile" or "[call sign] portable"

Checking Out

"[call sign] clear"



NEW HAM QUICK REFERENCE

Identifying Yourself

During a conversation use "this is [call sign]" at least every 10 minutes if you haven't "signed" already.

Calling Another Ham

"THEIR [call sign] x 2, then YOUR [call sign]"

Breaking in to a Conversation

During the 2 second gap between transmissions, transmit the "suffix" of your call sign and wait to be acknowledged. Then introduce yourself by transmitting "this is [call sign]" and then your message or comments or "call please" to request a chance to make a 'directed' call to another station.

Handling More Than 2 People

Once a third person "signs in", determine the "round robin" order and someone has to determine the sequence. Use something like "let's go to Mike, then Bob then back to me. Go ahead Mike".

Dealing with jammers

Ignore them and they generally go away shortly. If persistent, report their activity to the local "Observer Coordinator" (OC). This is Syd Furman in locally.

Emergencies

Use "break, this is [call sign]" to announce a non life-threatening emergency

Distress Calls

Use "break break, this is [call sign]" to announce life-threatening emergency

REMINDERS

- Listen FIRST, formulate your message, press PTT, wait ½ second, speak
- Do not "kerchunck" the repeater
- Leave a 2 second gap between transmissions
- Use clear language, not CB or HF jargon
- Say "copy ____" to confirm you understood ____.
- Remember the 10 minute 'signing' rule
- Try to use simplex for extended or more private conversations locally