

## Section 9

### Frequency Checking.

#### **Demonstrate the protocol(s) required prior to commencing transmitting.**

**Task.** Candidate is provided a tuned, ready to use Amateur Radio station on HF and VHF or UHF. No tuning or adjustments necessary. Candidate to demonstrate the requirement to listen on frequency prior to transmission and may include increasing the receiver gain or opening mute for weak signal detection. This task should be repeated up to three times and may be incorporated in other elements of competency. Demonstrated the requirement to listen on frequency prior to transmission and adjustment of receiver sensitivity as appropriate.

- Ensure you have selected the correct frequency.
- Check the squelch level.
- Check AF gain and volume.
- Listen to the frequency for a short while to ensure the frequency is not in use.
- Make a short transmission: "This is VK\*\*\*\*, is this frequency in use?"
- Wait a while to ensure there are no replies.

#### **Action:**

1. Know this routine and apply this routine when tested by the assessor.
2. [If unsure, revise Chapter 11-1 of the Foundation material.](#)

*Have fun and stay safe.*