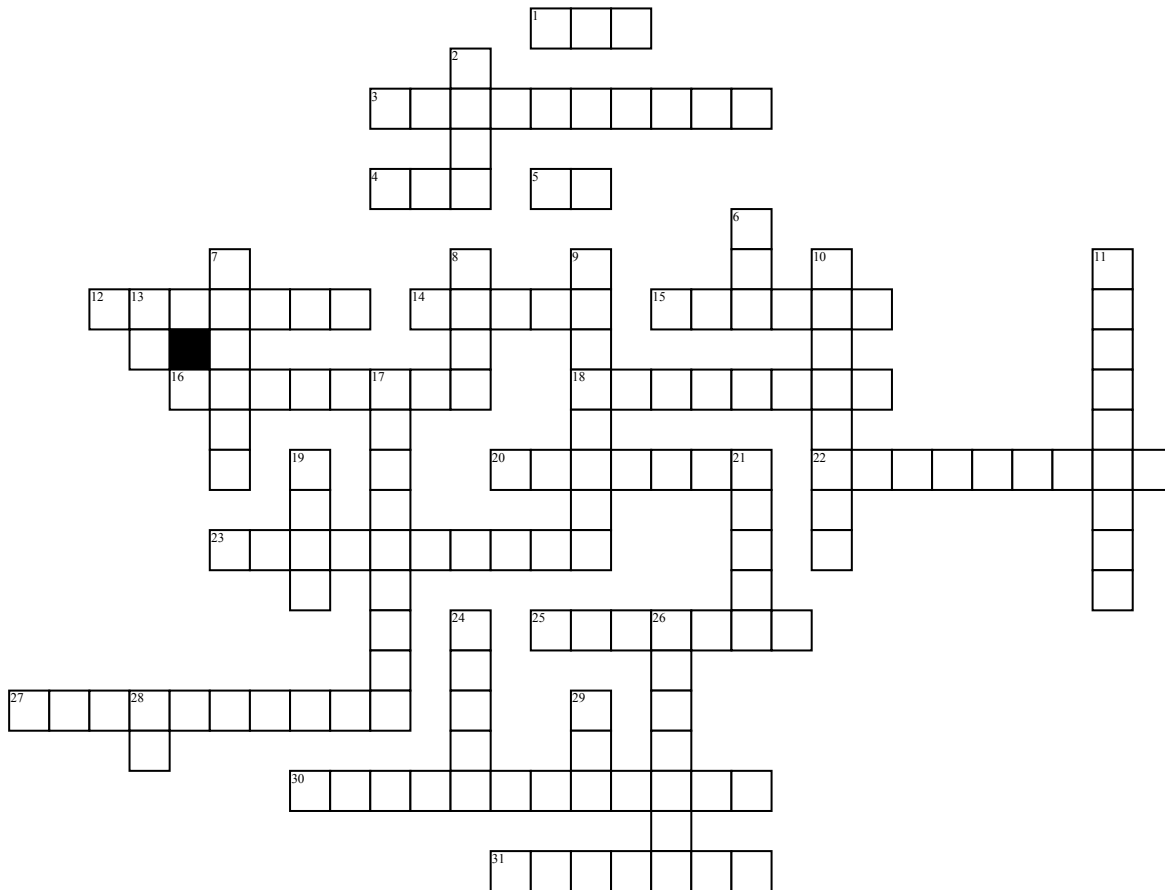


# Amateur Radio



## Across

1. Emission type usually used in HF communications (abbr.)
3. Abbreviated by the Greek letter Lambda
4. Signal sent in Morse code as ... --- ...
5. Process of tracking a signal (abbr.)
12. Type of input signal produced by a computer
14. Circuit device that allows current travel in only one direction
15. Receiving on one frequency and transmitting on a different frequency is known as \_\_\_\_\_ operation.
16. To add information to a signal
18. Coil of wire
20. Device radio signal comes in through or goes out from
22. Increases a signal

23. Circuit that creates an harmonic signal

25. Components make up a
27. Voice input comes through this device
30. Mixing is also known as
31. Transmitting and receiving on the same frequency is \_\_\_\_\_ operation

## Down

2. Dipole antenna mounted horizontal between 8 to 10 feet above ground
6. Unit of current
7. Type of antenna made of wire with a center feed point
8. Type of wave for normal radio signals
9. Element of a circuit that transforms energy to heat

10. A circuit in which inductance and capacitance are equal

11. Rate of change
13. Output of the first mixer (abbr.)
17. Modulation that increases size of a wave
19. Unit for EMF
21. One type of code used in digital communications
24. Takes two signals and makes a different signal by the addition or subtraction of the two signal's frequencies
26. 50 Ohm feed line
28. Input to a receiver (abbr.)
29. Input device for Morse Code transmission