

# Amateur Radio Crossword Puzzler

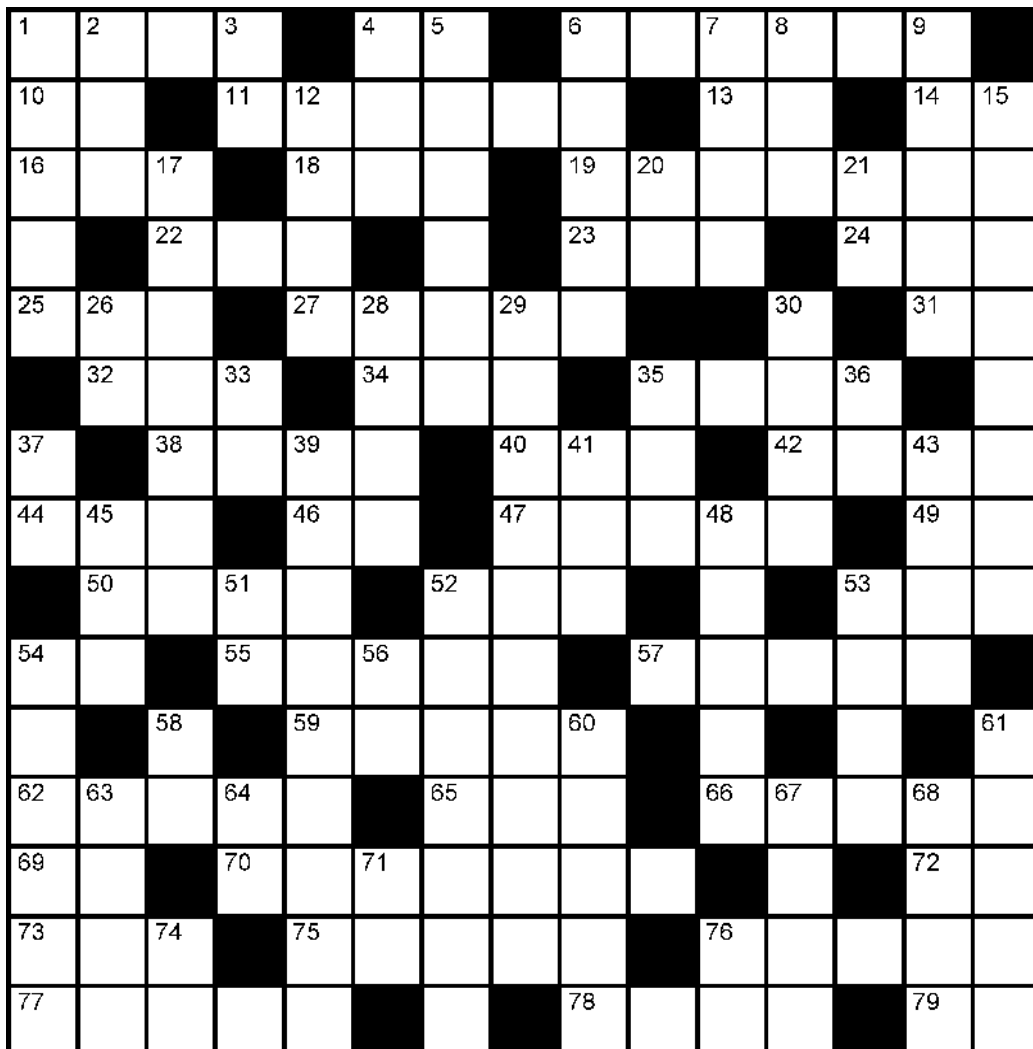
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## Scope This Out

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The oscilloscope is the eyes of the radio and electronic technician. No other instrument provides so much information at a glance. This puzzle honors that Titan of Testing, that Maestro of Measurement, that Virtuoso of Volts, that Sage of Signals - the 'scope. I'll be probing your knowledge of this workbench resident so that you'll beam when you finish!



**Across**

1. Break down
4. Smaller than a tbsp
6. Hottest state of matter
10. Ham band monitor
11. Short duration error
13. Too much (abbr)
14. Between UT and CA
16. Display tube
18. Person that controls the radio (abbr)
19. Sum divided by the number of individual values
22. DC equivalent of ac voltage
23. Mobile phone text service (abbr)
24. Leave the frequency (CW abbr)
25. Measure of solar activity (abbr)
27. Track of electron beam on the display
31. ... tu Brutus?
32. Sequence of instructions (abbr)
34. Noting a personal observation (abbr)
35. Rapidly switch between channels during a single display cycle
38. Amplification factor
40. Document agreeing to cooperation (abbr)
42. Round and flat and thin
44. Event in which matter is thrown off from the Sun
46. Bad (abbr)
47. Short, rectangular signal
49. Prefix of a ham in Moscow
50. Worry
52. On-the-air meeting

53. Web address
54. Opposite of 46 Across
55. Noble gas used in flash tubes
57. A 20,000 League kind of guy
59. Random signal variations
62. Stares laviciously, such as at a new rig
65. Rate at which RF heats tissue (abbr)
66. Connects oscilloscope to circuit being tested
69. Safety lab (abbr)
70. Scope that converts signals to data before display
72. Radiation that ionizes the ionosphere
73. Companion to a screw
75. Stories
76. Move away a short distance
77. Hold off the display for a short period
78. A sudden signal transition
79. Level of the ocean (abbr)

**Down**

1. To make a display sharper
2. Maker of digital voice modems
3. Big (abbr)
4. What touches the signal on 66 Across
5. Continuous flow
6. Signal's angular measurement
7. X and Y
8. Relay made of semiconductors
9. Measured in degrees
12. Misplaced

- 15. Amplitude axis
- 17. Start a display cycle
- 20. Measures potential (abbr)
- 21. Coupling that blocks dc
- 26. Prefix of French colony near Canada
- 28. Oscillate after a transition
- 29. Adjust frequency response
- 30. Style of operation
- 33. A pico-giga-amp (abbr)
- 35. Wish for another contact (CW abbr)
- 36. Transcendental number
- 37. Steady voltage
- 39. Display brightness control
- 41. Source of a signal
- 43. Confident
- 45. Old abbreviation for uF
- 48. Movement across the display
- 51. Prefix meaning "no longer"
- 52. How a loud blower moves air
- 53. Take apart
- 54. Connect to a zero voltage reference
- 56. Opposite of NC
- 58. Terminating operation (CW abbr)
- 60. Clear a display
- 61. Amplitude
- 63. Sticks stuff together
- 64. Person that reviews text (abbr)
- 67. Transition to a higher amplitude
- 68. This is for you
- 71. Wire size (abbr)
- 74. Prefix of the Central African Republic
- 76. Most conductive metal (chemical symbol)

