

**The Amateur Radio Crossword Puzzler**  
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*"Morse Code - Closing in on 200 Years"*

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Whether or not the FCC decides to require CW ability as a gateway to amateur radio, hams will no doubt be using this most venerable of all wireless protocols well into the future. Just because it's not required doesn't mean it's going away - and why should it? CW is fun and useful and one of the biggest bangs for the buck in ham radio! With all that going for it, I'm sure there will be an article some day announcing the third century of CW - de N0AX.

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## Across

1. Taker of the CW exam
6. Generate code
10. Weak (CW abbr.)
11. First CW mode
13. Something that makes you say 39 Down
15. To save time, CW ops do this to letters
17. I am listening here (Q-signal)
18. And (CW abbr.)
19. Listening to CW has this quality
20. Rapid sequence of QSOs
22. Biggest ham event, but not a contest (abbr.)
23. Simplest code making device
24. Too much code will turn your arm to this
27. Organized on-the-air meeting
29. Load (abbr.)
30. Look for
32. Semi-automatic code generator
33. CW was the first of this type of mode
36. Radio signals (abbr.)
37. I am closing the station (CW abbr.)
38. Eight dots signify this
41. Equalize (abbr.)
44. Thermometer metal (chemical symbol)
45. Unit of frequency (abbr.)
46. Sorry (CW abbr.)
48. CW signal report

50. Speed up (Q-signal)
52. Every state is this direction from KL7
53. Fast and accurate
56. End of message (CW abbr.)
57. A CW signal is on .. off
59. The longer code element
61. The magic word (CW abbr.)
64. A call sign is your radio .. (abbr.)
66. Nagging desire to send code
67. The shorter code element
68. CW "Speed King"
70. With 70 Down two precious metals (chemical symbol)
71. Inventor of Morse

## Down

1. The exam can be one of these in your side
2. Syncopated code rhythm
3. License (CW abbr.)
4. Equivalent of OM
5. Buddy
6. Prearranged contact
7. Original home state of RCA Labs
8. At 5 wpm, each word takes this many seconds
9. Number of call districts in the US
12. CW abbreviations used for traffic control
14. Device that generates code electronically
16. Vacuum tube gain

21. User interface for 14 Down
22. CW Club
25. Telephone (CW abbr.)
26. First medium to use the code
28. Highest frequency that works
31. Add an 'r' to get the thing you use to receive a code transmission
32. This is what code users pound
34. Interference (Q-signal)
35. Who is calling me? (Q-signal)
39. Home state to the biggest US hamfest
40. The telegrapher's laugh
42. I have nothing for you (Q-signal)
43. Saint or suite (abbr.)
44. The ARRL's is in Newington, CT
47. This color means overload!
49. Surface-mount (abbr.)
51. Slow down (Q-signal)
53. Stand by (CW abbr.)
54. CW signal that changes frequency during each character
55. CW signals and musical ..... sound alike
58. Number of characters per unit of time
60. The pinnacle or peak of achievement
62. Rising and falling,

they determine  
bandwidth of code  
signals  
**63.** A very weak signal  
mode that uses CW to

bounce signals back to  
earth (abbr.)  
**65.** Just .. it  
**69.** Women that have  
their own radio league

(abbr.)  
**70.** With 70 Across two  
precious metals  
(chemical symbol)

