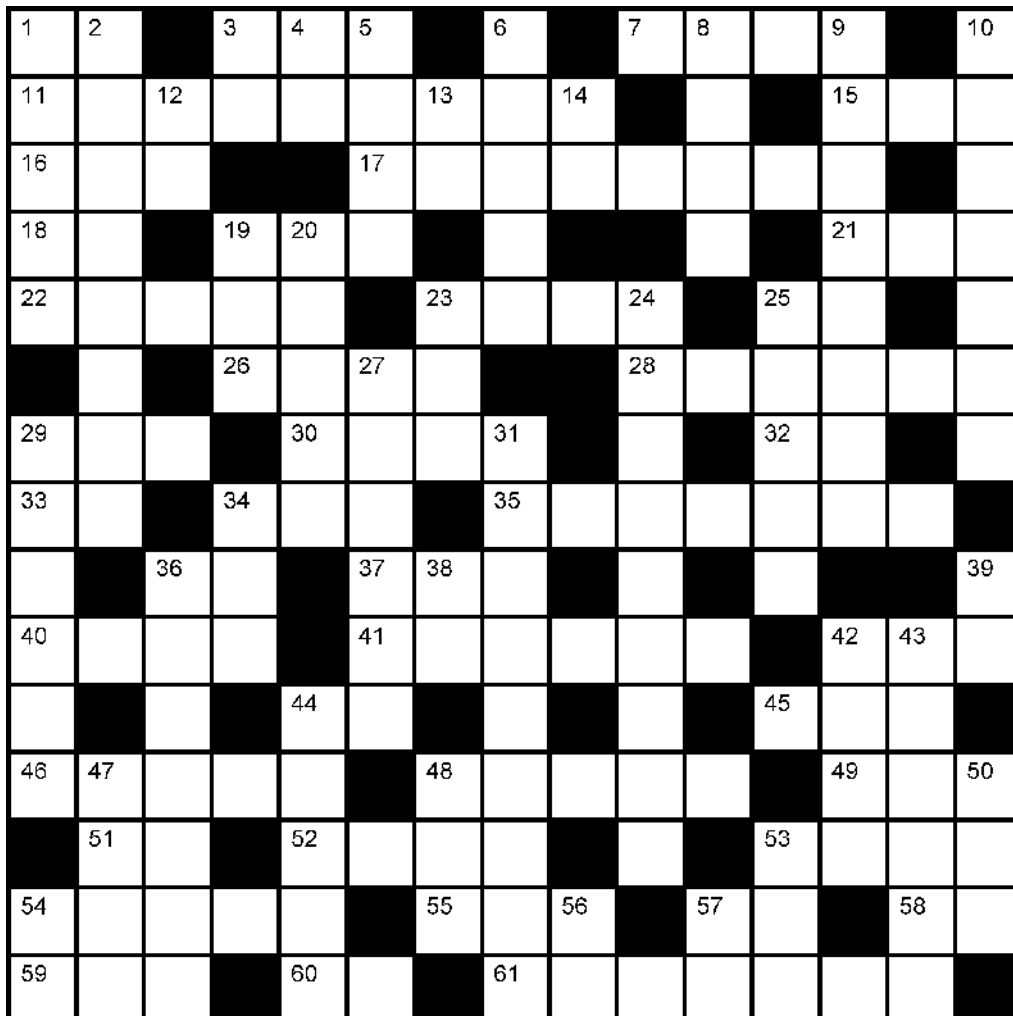


Amateur Radio Crossword Puzzler

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Wireless Ubiquity

Who says radio is dead? There are more radios out there than ever before! Every cellular phone is a radio--and sometimes a two or three-bander. You can't get through a hardware store checkout line without seeing FRS and GMRS handheld radios hanging on a display. GPS receivers are built into watches--Dick Tracy was right! The theme of this puzzle is all of the "other" wireless services whose signals are right there next to ours on the bands "from dc to daylight."



Across

1. Cousin to FM
3. Frequency range for 40 Across
7. Propagation off the ionosphere
11. Shape of mobile phone cells
15. Generates a sine wave (abbr)
16. The chairman of WRTC-2006
17. Phone without wires
18. Transistor package outline prefix
19. One step prior to VLSI (abbr)
21. Atom missing an electron
22. Path around an astronomical body
23. Add "hetero-" to mix frequencies
25. CW dash
26. Slang for fathers
28. Radio on the water
29. Between OCT and HEX
30. Drawings of landforms
32. Ham band monitoring station
33. CW prosign for "Stand by"
34. Wireless satellite navigation system
35. Where pilots communicate
36. Semiconductor junction
37. Another word for "shack"
40. Expert
41. Wavelength in meters of CB allocation
42. Agency with tower height rules
44. How a compass needle aligns itself
45. Sustained spark
46. One use of streaming video
48. Regular time signal
49. High-speed logic family using negative voltage

51. Across the Potomac from MD (postal code)
52. Popular wireless network standard
53. Organization that controls the standard for 52 Across
54. Stash of goods or supplies
55. Organization that allocates prefixes
57. Feed line for microwaves (abbr)
58. Person that reviews building plans
59. One of several layers
60. Wireless control of models
61. Obscure the meaning with a code

Down

1. Voltaics and cells
2. Where channel contents are stored
3. Prefix for hosts of WRTC-2010
4. Used in thermometers (chemical symbol)
5. Where elliptical dishes concentrate energy (plural)
6. A shared telephone line
8. An abrupt change in a graph or curve
9. What a navigation system provides
10. Receiver designed to monitor many channels
12. Series reactance (abbr)
13. Opposite of Normally Closed (abbr)
14. Load (abbr)
19. Poor operator
20. Need one to mail QSLs
23. Filtering by computation
24. Like a disaster
25. Wide bandwidth or beamwidth
27. Partner to dots

29. Mildly exasperated rural expletive
(two words)

31. A bird in space

34. Animal for whom the free-source
movement is named

36. Codes used on FRS and GMRS
radios

38. Safety lab

39. Does not apply (abbr)

42. Available at no charge

43. To take or receive

44. More recent

47. Shape of the aurora from space

48. Person qualified to teach flying

50. Sheltered from the wind

53. International scientific cooperation
in 1959

54. Prefix for landlocked South
American country

56. Partner to "bal"

57. Prefix for types of 57 Across

