

The Amateur Radio Crossword Puzzler

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Contributing Editor

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Making It Up

Part of the fun of ham radio is that we are encouraged, even expected, to design and build and experiment with our radio stuff. No other FCC service has that privilege on such a broad scale! Go forth and homebrew, sayeth the Purpose and Basis (slightly paraphrased). This week's puzzle uses a lot of words associated with the processes of designing and building, dear to the hearts of hams since the dawn of radio.

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Across

1. Signifies a connection
3. Useless stuff
7. Upper limit
10. Coaxial cable type prefix
12. What you say after a component burns up
13. Color code for 5
14. Offset or operating point
16. Manufacturer's symbol
19. Adjust to meet specifications (abbr)
20. Delivered signal
22. Stand by (CW prosign)
24. Battery energy capacity (abbr)
25. Exchanges or substitutes
27. Compilation of values for reference
30. Capacitor type with plastic dielectrics
32. Regulates international radio spectrum
33. Unit of current (abbr)
34. AC or dc circuit signal connection
36. Drawing showing connections
38. Suffix signed on your final license upgrade
40. Emergency kit
41. Safety lab (abbr)
42. Another word for power supply busses
45. Without signal applied
48. Distress signal
49. An early morning CW greeting
51. State where the first shots of the Civil War were fired (postal code)
52. USB connection point
53. ARRL division for Arizona (abbr)
54. Prefix meaning "all"
58. Precious metal used to plate connectors (chemical symbol)
60. One of
61. Relates two signals in time
62. Spreadsheet location
64. Useful and handy heat tester
66. Abbreviation for PC's network circuitry
68. Iberian prefix
69. Runs an ARRL section (abbr)
70. Mathematical description

Down

1. Battery power
2. To adjust slightly
4. Adjusting an amplifier is tuning ..
5. Minimum values in filter responses
6. To slowly reduce height or value
7. What resistors convert electrical power to
8. To get a QSL you must be .. the log
9. British abbreviation for HV
11. Abbreviation for wire size
13. CW abbreviation for "going"
15. Electrical drawing
17. Construct
18. Capability of a component
21. Not them
23. Slang for satellite
24. Metal used for most enclosures (chemical symbol)
26. Smallest chemical unit
28. Minibox maker
29. Drop voltage under load
30. Ham's favorite market
31. By way of explanation
34. Compute
35. Pieces used to construct something
37. Hurry
39. Orbiting platform
43. Magazine edition
44. Insufficient amount
46. To be making use of
47. A bipolar transistor's terminals are labeled C and . and .
49. A silly design
50. 25.4 make an inch (abbr)
55. Prefix meaning milli-milli-milli
56. Abbreviation for a possible FCC rule change
57. List of choices
58. Authorization to bill (abbr)
59. Think ahead
63. Most satellites are of this type (abbr)
65. CW for "and"
67. Between MO and MN (postal code)

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22	A	23	S		24	A	25	H	26	S	27	W	28	A	29	P	30	S		31	I	32	L	33	I	34	F	35	I	36	L	37	E	38	D	39	M		
27	T	28	A	29	B	30	L	31	E	32	S		33	T	34		35	T	36		37	C	38	O	39	U	40	P	41	L	42	E	43	D	44	M			
32	I	33	T	34	U	35	M	36	A	37	R	38	A	39	G	40	A	41	R	42	A	43	M	44	A	45	E	46	A	47	R	48	A	49	I	50	L		
40	G	41	O	42		43	T	44	U	45	L	46		47	R	48	A	49	I	50	L	51	S	52	A	53	E	54	R	55	A	56	I	57	L	58	S		
49	G	50	M	51	S	52	C	53	H	54	U	55	B	56	S	57	S	58	W	59	S	60	O	61	S	62	T	63	N	64	E	65	C	66	S	67	O		
54	O	55	M	56	N	57	I	58	N	59	L	60	M	61	L	62	A	63	U	64	P	65	L	66	S	67	E	68	C	69	E	70	L	71	L	72	A		
64	F	65	I	66	N	67	G	68	E	69	R	70	T		71	E	72	Q	73	U	74	A	75	T	76	I	77	O	78	N	79	A	80	E	81	C	82	I	
83	Y	84	O	85		86	S	87	M	88		89	E	90	Q	91	U	92	A	93	T	94	I	95	O	96	N	97	A	98	E	99	C	100	I	101	O	102	N