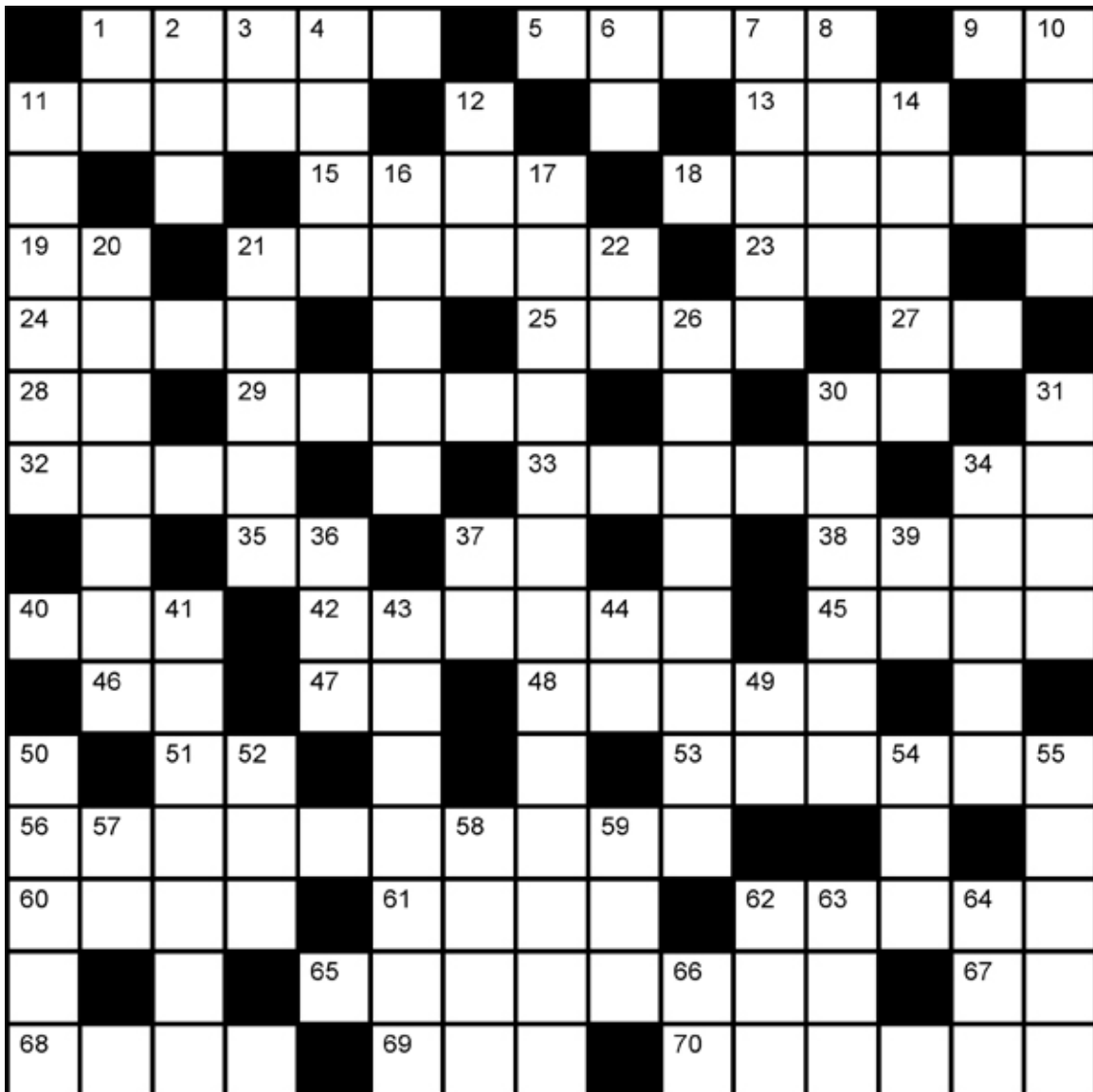


Amateur Radio Crossword Puzzler

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Contributing Editor
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It's Not the Territory

What ham hasn't pored over a map looking for the perfect QTH? That secret hilltop? That overlooked new DXCC entity? The home town of your last contact? Hams love geography and all that goes with it. This puzzle, therefore, unfolds before you a region of cartography worthy of a summer day's amusement. Happy poring!



Across

1. Wet terrain - great ground conductivity!
5. Deer and antelope play here
9. What a power supply converts 39
Down into
11. The conversion between map and ground distances
13. Relationship between current and voltage in an inductor
15. Conduction between good and poor
18. Usually colored green on maps
19. Label on antique radios for frequency
21. Used by surveyors as measuring tapes
23. Youth group that runs JOTA
24. Testing before release
25. What keeps everything from happening at once
27. Base resistance (abbr)
28. Complement to either
29. Moving tectonic feature
30. CW prosign for Stand By
32. Body of water surrounded by land
33. Path
34. Element found in the mineral beryl (chemical symbol)
35. Contest category opposite of MO
37. The ARRL's November contest
38. A country without many hams
40. Label for microphone
42. Arid land
45. D-STAR radio manufacturer
46. Rectangular state with plenty of
47. Adjust levels to compensate frequency response (abbr)
48. Canadian YL organization
51. A doctor and a state (abbr)
53. Body of land surrounded by water
56. Map that shows where people live
60. Destination for power
61. Device that assists
62. Popular communication format
65. People that create an institution
67. Northeasternmost 7th district state (postal code)
68. Meaning of Morse code "V"
69. RS232 signal meaning that the attached device is ready to transmit data
70. To solve puzzles, it's handy to have a head stuffed with this

Down

1. State between NC and FL (postal code)
2. Award requiring 50 contacts (abbr)
3. A metal and a state (abbr)
4. Metal sheet with regular openings
6. Most conductive metal (chemical symbol)
7. Spherical map
8. Most important part of operator
10. Concentration of buildings and people
11. Graphic element with a specific meaning
12. French for "friend"
14. Toothed wheels that transmit power
16. Joe's wants you to do this (two words)
17. Where two roads cross
20. Hard insulating material
21. Large tips of continents
22. Spanish for "yes"
26. Elevated topographical feature
30. Antique term for antenna
31. What the bands do during a

contest

34. Resistor color code for "1"
36. Poem or song
37. Metal that resists corrosion
39. Current with no net movement of electrons
41. Device to tell direction
43. Longest circle of latitude
44. Resistance of an inductor (abbr)
49. Signal report on phone (abbr)
50. What a bug does on your windshield
52. Failed device
54. Club for drivers
55. Where a river meets the sea
57. Band watcher (abbr)
58. Promote or advertise
59. Antique
62. Make a mistake
63. Old IC technology preceding LSI
64. Prosign for "?"

SOLUTION

	A	I	V	I	R	T ⁷⁰		S	T	R ⁶⁹		T	S	E	T ⁶⁸
	T	M ⁶⁷		S	R	E ⁶⁶	D	N	U	O	F ⁶⁵		S		A
	L	I ⁶⁴	A	M ⁶³	E ⁶²		L	O	O	T ⁶¹		D	A	O	L ⁶⁰
	E		A			N	O	I	T ⁵⁸	A	L	U	P	O	P ⁵⁶
	D	N	A	L	S	I		T		U		D	M ⁵¹		S ⁵⁰
		W		A	R ⁴⁹	A	L	C ⁴⁸		Q	E ⁴⁷		O	C ⁴⁶	
	M	O	C	I ⁴⁵		T	R ⁴⁴	E	S	E ⁴³	D ⁴²		C ⁴¹	I	M ⁴⁰
	E	R	A ³⁹	R ³⁸		N		S	S ³⁷		O	S ³⁵		M	
	E	B ³⁴		E	T	U	O	R ³³		T		E	K	A	L ³²
	T		S	A ³⁰		O		E	T	A	L	P ²⁹		R	O ²⁸
		B	R ²⁷		E	M ²⁶	I	T ²⁵		T		A	T	E	B ²⁴
	Y		A	S	B ²³		S	N	I	A	H	C ²¹		C ²⁰	M ¹⁹
	T	S	E	R	O	F ¹⁸		I	M ¹⁷	E ¹⁶	S ¹⁵		S		Y
	I		G ¹⁴	A	L ¹³		G		A ¹²		E	L	A	C	S ¹¹
	C ¹⁰	D ⁹		E ⁸	G ⁷	N	A	R ⁵		P	M ⁴	A ³	W ²	S ¹	