

***The Amateur Radio Crossword Puzzler***  
***“A Pop Geography Quiz!”***

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Hams love geography--at least I do--so that's the theme of this puzzle! Just follow the directions and don't trail off down some blind alley looking for a shorter route to the answer. Like the globe, a complete circumnavigation of this puzzle will leave you well-rounded!

Some have asked how these puzzles are prepared and whether I do them by hand. Heavens, no! I did that once, which was quite enough. I've been using the program "[Crossword Compiler](http://www.crossword-compiler.com)" (http://www.crossword-compiler.com) - but rest assured that the word lists are all Ward-powered.

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### Across

1. Abbreviation for program
3. Headland
6. Horn and Good Hope
9. Abbreviation for radio signals
10. The two types of fields in radio waves
11. Orbiting outpost
13. Artic and Antarctic
15. Narrow passage
17. Cold white stuff found north and south
19. Computer data storage (abbr.)
20. Direction to another vessel
22. That (CW abbr.)
23. Square that identifies location
24. 2.2 pounds (abbr.)
25. Abbreviation for route
26. Railroad (abbr.)
28. Hidden transmitter
30. The earth has seven
33. Holds tobacco or antennas
34. Organization with the 4U prefix (abbr.)
35. Safety lab (abbr.)
36. The Nautilus traveled 20,000 of these under the sea
38. Canadian political units
40. Gain for volume
41. Biscay and Fundy

42. Soon (CW abbr.)
43. Cortes and Sargasso
45. Risk
48. Zone 1 country (abbr.)
49. Sun-watching satellite
52. CQ and ITU division
54. Add L to get a listener
55. Long narrow inlet of the sea (Scottish)
58. ARES local leader
59. Covers three-fourths of the planet
60. Possession of an imperial power

### Down

1. A lot of 17 Across covering water
2. The prime that runs through London
3. The earth has two
4. What heat lamps give off (abbr.)
5. Can't buy it (abbr.)
6. Water passage between two land areas
7. Explorer helmet
8. And (CW abbr.)
10. Where you go if you fall off the tower (abbr.)
12. Best kind of 59 Across for radio
14. Send a copy to (abbr.)
16. Midway and Puerto Rico
18. 180 of these in each direction from 2 Down
19. Abbreviation for our hobby
20. CW prosign to

interrupt

21. After you've been tagged
22. Cancer and Capricorn
26. Interference from the radio
27. 60 of these in each of 18 Down
29. Prefix for our southern neighbor
31. Largest body of water
32. Pull sharply
33. Handy pinchers
35. Creates the ionosphere (abbr.)
37. One of 30 Across (abbr.)
38. Long and Short
39. DXCC counter
42. Determines big and little
43. When 38 Down isn't straight
44. Person who helps (abbr.)
46. Saves the day
47. Heard when a signal goes all the way 'round
48. Southernmost of 30 Across (abbr.)
50. In debt
51. Grouchy elderly operator (CW abbr)
53. Most watery of 30 Across (abbr.)
56. Complex circuit in one package
57. Add D, E, R, or T to get a logic family abbreviation

1	P	G	M	2	3	P	O	4	I	5	N	T	6	C	A	7	P	8	E
9	A	E	O	9	R	F	10	E	10	H	11	I	11	S	12	S	A		
13	C	I	R	14	C	L	E	15	S	16	T	R	A	I	T		A		
17	K		I	17	C	E	18	D	18	E		N	H		L				
19	H	D		20	B	E	A	R	21	I	N	G		22	T	T			
23	G	R	I	D	24	K	G	25	R	T	E		26	R	R				
27	A		M	27	R	I	L		28	F	O	29	X						
30	C	O	N	32	T	I	N	E	N	T	S		33	P	I	P	E		
34	C		U	34	N	E	O		35	U	L	I		39	E				
36	L	E	A	37	G	U	E		38	P	R	O	V	I	N	C	E		
40	A	F		T		B	A	41	Y		E						N		
42	S	N		43	S	E	A	44	T		H	R	E	47	A	T			
48	I	A	K	49	S	O	H	50	O		E		C		I				
52	Z	O	N	E	54	S	W		55	F	I	R	T	57	H		T		
58	E	C		59	W	A	T	E	R		C	O	L	O	N	Y			