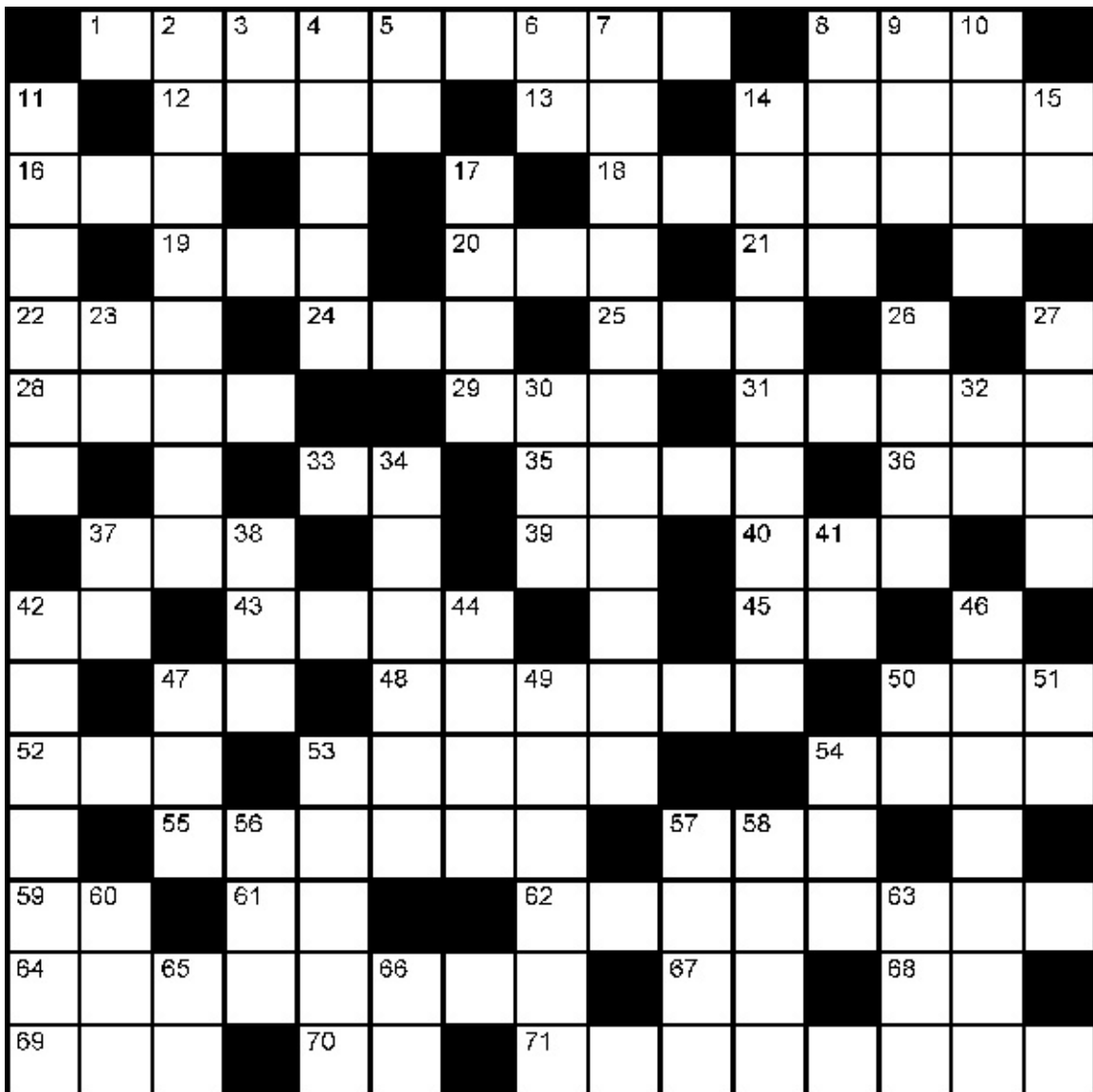


Amateur Radio Crossword Puzzler

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The World Above

The world above what? Well, above, that's what! And above 50 MHz, as well. The summertime sporadic-E season is getting off to an early, fabulous start, so why not celebrate its arrival? And if you haven't take a gander at the night sky lately, you should. The summer is a great time to spend some time learning about the astronomical wonders overhead. This puzzle combines a bit of both; radio and star-gazing. Sharpen your pencil and clean off those binoculars!



Across

1. Cause of picket-fencing
8. Satellite navigation
12. FCC proposal
13. Designator used for diodes
14. The closest planet
16. French friend
18. Annual book of astronomical events
19. A honcho
20. Rises and sets
21. To exist
22. Cools beverages
24. Someone that stays up late at night
25. Space shuttle (abbr)
28. Additional
29. Not quite X-rays (abbr)
31. The biggest wins the contest
33. Solder component being phased out (chemical symbol)
35. Looks for little green men (abbr)
36. Unusual or unexpected
37. Measure of RF output (abbr)
39. Where ambulances go (abbr)
40. To possess
42. Above AF (abbr)
43. Directional antenna
45. Home of the Great Basin (postal code)
47. To keep quiet
48. These have tails and comas
50. Type of thyristor
52. One of the types of digital filters
53. Mobile station
54. Mountains that separate Europe

from Asia

55. Pluto is no longer one
57. Video standard
59. Direction of lines of latitude
61. Non-volatile data storage media
62. The longest time
64. Contest log submission format
67. Multiply these to get power
68. CW for "from"
69. Exercise or measure (abbr)
70. Self-policing representative (abbr)
71. Comedy series and small, old star (two words)

Down

2. Contains everything
3. Opposite direction from SP
4. Propagation through the atmosphere
5. Short message system on the Internet
6. Home electricity
7. Converts one band to another
8. Material used for microwave semiconductors
9. Printer or printer file (abbr)
10. Point of light
11. Opposite of the current solar cycle status
14. Transmitted signals
15. South American country on the equator (prefix)
17. Land surrounded by water
23. Home to Pike's Peak (postal code)
26. Source of all things lunar
27. Try, try again
30. Consume or apply
32. Opposite of WR
34. Transmits to test propagation
37. Measure of reactive vs real power (abbr)
38. Shifts a received channel (abbr)
41. Home to one of the National Quiet Zones (postal code)
42. Bounce off of
44. QSY to another band
46. Bounce off in all directions
47. Very low power (abbr)
49. Leaves an ionized trail
50. Simple type of flip-flop
51. Resistance of an inductor (abbr)
53. What we like to play with
54. The three types of logging errors (abbr)
56. The report that contains logging errors (abbr)
57. Fast relay
58. Squares exchanged by VHFers
60. Popular first award (abbr)
63. Created the first computer (first name)
65. CW dash
66. One of the signals input to a mixer

