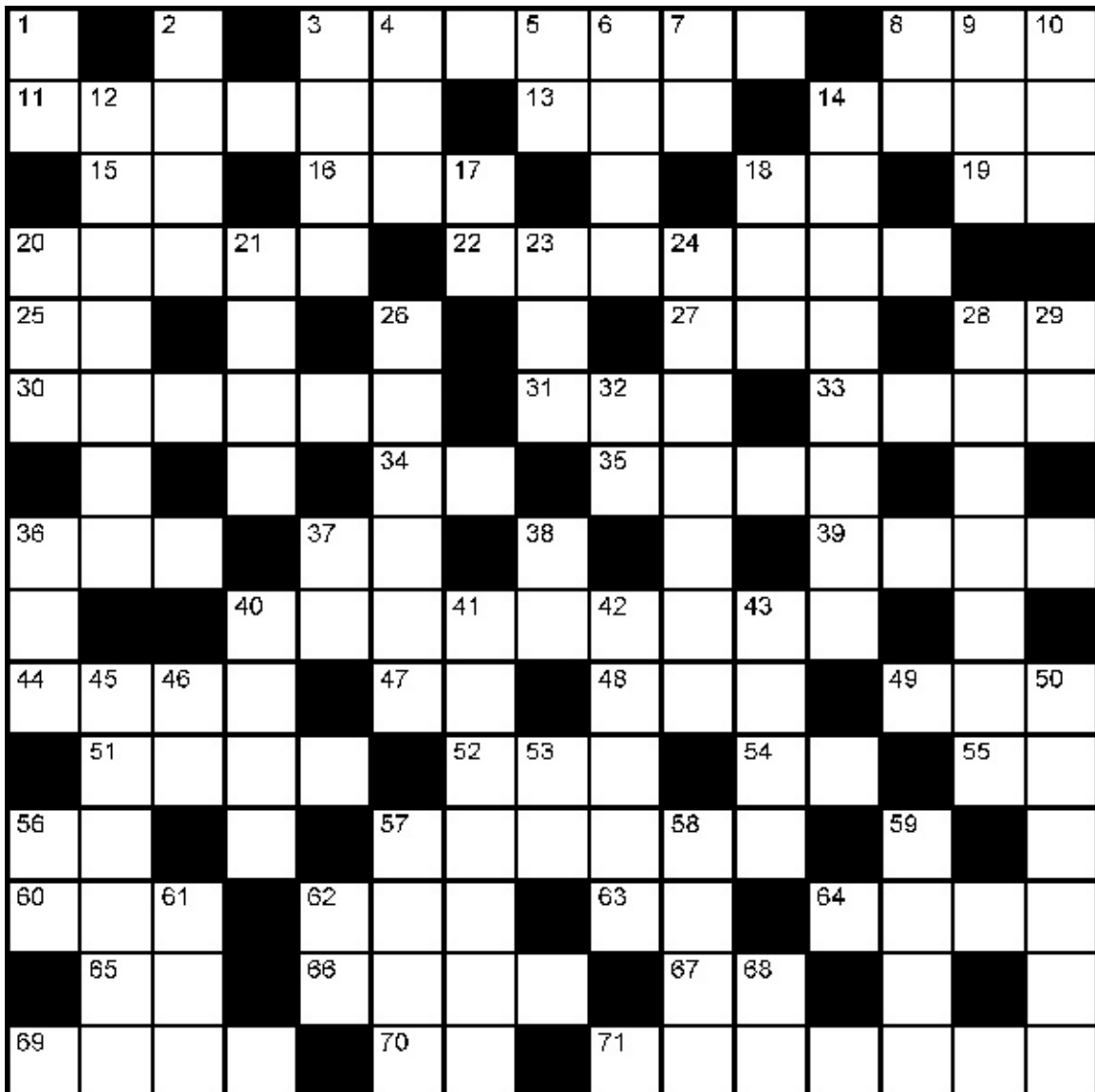


Amateur Radio Crossword Puzzler

By H. Ward Silver, NØAX
Contributing Editor
April 23, 2007

Things Are Looking Up

Did you see the moon and Venus in close conjunction this past week? With the ISS whizzing around the globe and our latest ham star talking it up from space, how about a puzzle on all things astro? You can be a star! The sky's the limit!



Across

3. What the tone of an unstable signal does
8. Before Windows
11. Temperature scale
13. Atom missing an electron
14. Symmetry of spin
15. Atomic clocks are based on oscillations of electrons in this type of atom (chemical symbol)
16. Message handling network (abbr)
18. Morse abbreviation for an evening goodbye
19. Largest component of liquified air (abbr)
20. Water vapor you can see
22. Ratio of mass to volume
25. This are squared
27. Prefix meaning "one"
28. Prosign for end of contact
30. Space program that landed a human on the moon
31. RF switching diode type
33. Echo off a meteor trail
34. Prefix meaning "two"
35. Capital of country with prefix of LA
36. Light is shifted to this color if source is receding
37. Add 'fi' and get a network
39. Unknown type of matter and energy
40. Nothing escapes it (two words)
44. Lunar sea
47. Prefix meaning "with"
48. Original manufacturer of Alpha amplifiers
49. Condensed methane fuel (abbr)
51. Pause or break in the action
52. Oldest logic family
54. Prosign for 'end of message'
55. Unit of wire or sheet metal thickness
56. Element being removed from solder (chemical symbol)
57. Things related to Jupiter
60. Prefix meaning "of the Earth"
62. Center of the solar system
63. Grouchy elder (CW abbr)
64. Heterodyne
65. To locate by radio (abbr)
66. Penetrating radiation
67. Label for volume knob
69. Take off

70. Need more of this type of ham (abbr)
71. Attractive force

Down

1. Northwesternmost state (postal code)
2. Included or added
3. Mechanical form of solar power
4. Abbreviation for skyhook
5. Prefix meaning "twice" or "every other"
6. Means the same as QTH (abbr)
7. Add 'd' on one side to finish and on the other side to make a burrow
8. Signals from far away
9. Lubricate
10. Count of dark patches hams love
12. To block or obscure
14. The opposite point on a globe
17. State with the Badlands (postal code)
18. Helpful pole
20. Person licensed to be accountable
21. The good, the bad, and the ...
23. Contact made by imagination
24. What 10 Down counts
26. The twelve astrological constellations
28. It's raining, it's pouring, so what is the Old Man doing?
29. 2.2 pounds for every one of these (abbr)
32. Moon of Jupiter
36. Type of computer memory (abbr)
37. Usual symbol is lambda (abbr)
38. All is well
40. Where the asteroids are
41. Hole that causes poor propagation
42. Prefix meaning "of the sun"
43. Complement to borrow
45. Measure of reflectiveness
46. Internet domain for Russian computers
50. Holds up the rocket until launch
53. Comes in both fast and slow
56. Position reference in a book or magazine (abbr)
57. If no decision has been made, this group is still out
58. Distant
59. Program to look for inhuman signals
61. Powered down
62. Prefix for Hallicrafters equipment
68. A milli-pico amp (abbr)

