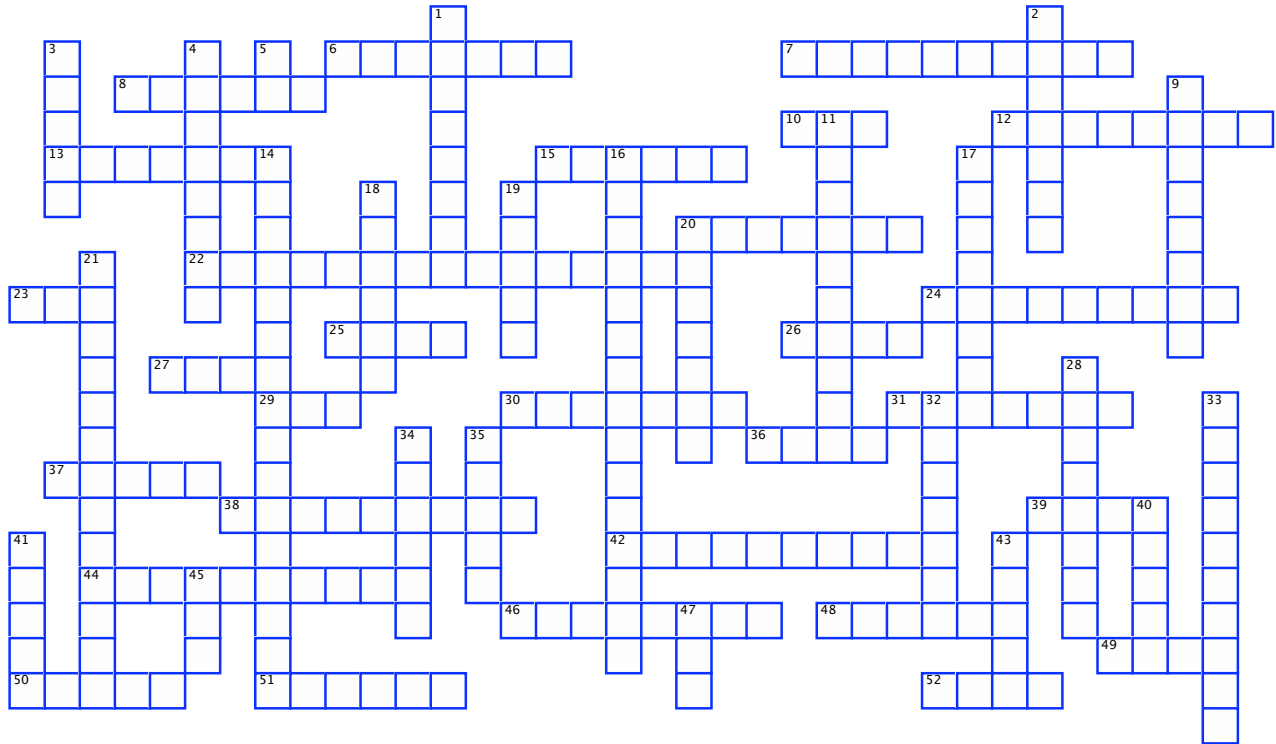


Ocean Acoustics



Across

6. From Greek, an image
7. One of many rivers in the ocean with interesting effects.
8. Famous poet and wave theorist
10. Edison invention
12. Odd little first arrival.
13. Sneezy bar; way to associate errors and actions
15. Sound always comes back to the top in these waters.
20. Heard in siren sound
22. ASA Meeting
23. First federal agency to sponsor scientific research in the U.S.
24. Seven sciences claimed claimed him for their own
25. When the check comes
26. Follows a tic
27. Distinguished institution; Expression of joy or enthusiasm
29. Oldest oceanographic institute in the U.S.
30. Scientific advisor to Napoleon's army
31. Name associated with an interface wave for a fluid over an elastic halfspace
36. Famous oceanographer whose name is associated with an internal wave spectrum, a deep water sound speed profile, and spice, amongst many other things.
37. Says hello
38. Eyewash chemical that absorbs sound
39. Name associated with an expansion of a point source into planewaves.
42. Disappearing
44. Par for the course
46. Ghostly
48. Pressure unit
49. Spinning blob of water
50. Opposite of fast in Munich
51. Where no ray goes
52. Collimated sound

Down

1. Acoustician at a party
2. Name associated with a fluid layer over a fluid halfspace
3. Very long distance
4. Michelin-rated RV
5. One-way wave equation
9. Widely used scattering law of questionable merit
11. Serious thought
14. Effect of shifting into reverse on freeway
16. High on L.A. freeways
17. Name associated with an interface wave for an elastic halfspace; Kilroy of acoustics
18. Needed a bigger margin
19. Name of the ranch where the sons raise meat
20. Part of a Bel
21. One very important angle
28. Name associated with an interface wave for an elastic layer over an elastic halfspace
32. From Greek, to burn
33. Seldom lives up to its name
34. Biker bar in San Diego; mode code
35. Opposite of signal?
40. Name associated with dipole pattern due to a source reflected in the ocean surface
41. Type of float; Time reversal of 3 down
43. Impulsive function
45. Toothpaste additive; electronic glasses for acoustic arrays
47. Normal to a wavefront