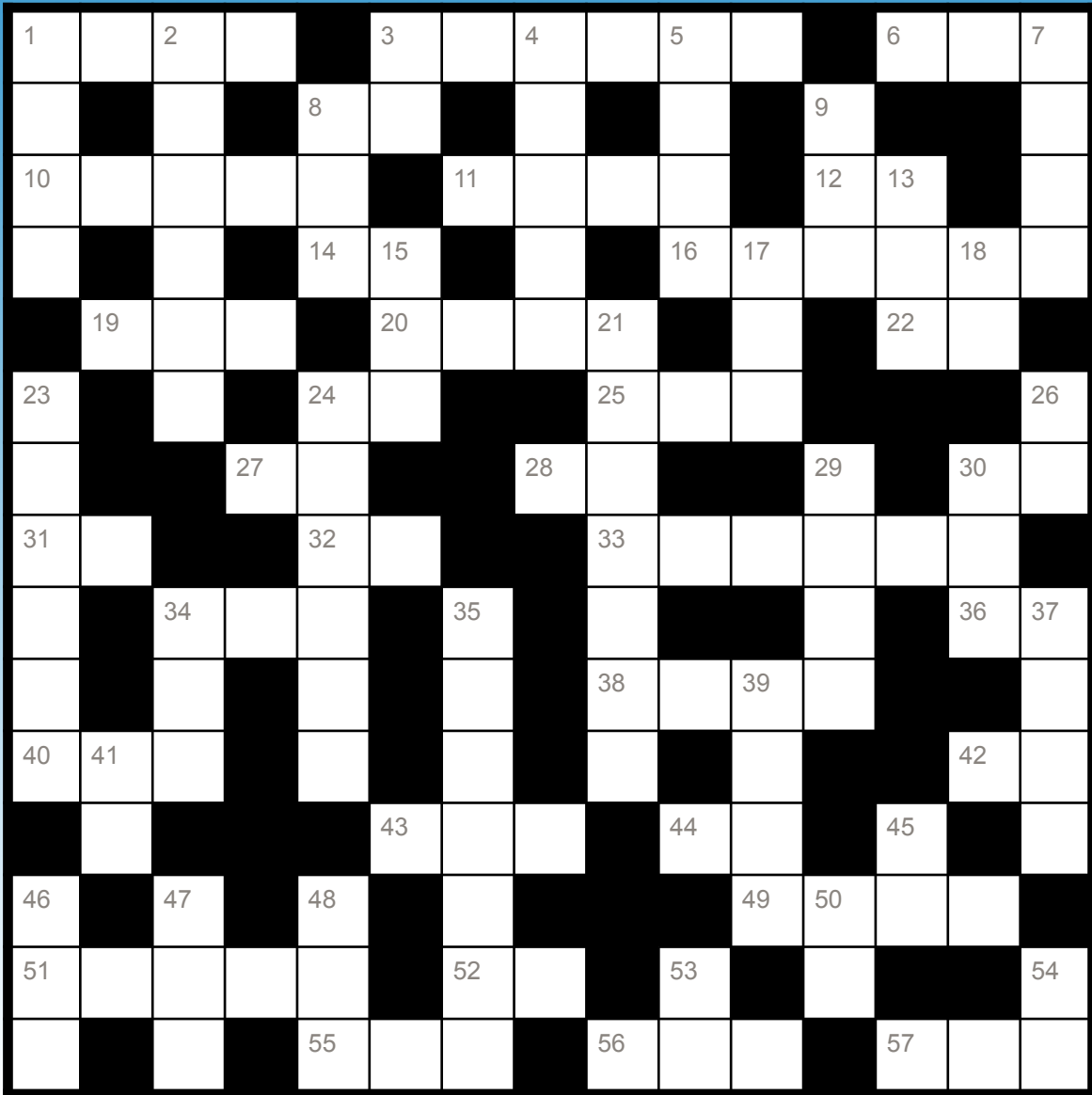




60 YEAR CLUB CHALLENGE

The 'Club Challenge' offers CASH prizes! \$60 for the most correctly answered puzzle! Other cash prizes of \$6 will be awarded for entries depending on the length of time you have been a ham! Newly licensed hams have just as good a chance to win as the original OM's of this club!



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Call sign

Name

Phone number or email

Year first licensed

You do not need to answer every clue to enter. Partially completed puzzles still eligible for cash prizes! This is an 'open book' exercise. Submit your best effort before Oct. 12. You may send a PDF, JPG, GIF, or other graphic file of your puzzle solution. A paper copy of the puzzle, or only a listing of your puzzle answers to the numbered clues is also acceptable. The answers may be mailed or EMAILED. Be sure to include your name, call, and a way to reach you. Submit electronic entries by email to: GREG@CENTRICATA.COM with 'Club Challenge' in the subject field. Mailed entries should be addressed to: Club Challenge, 9305 W. Hidden Valley Circle N., Sun City, AZ. 85351

ACROSS:

- 1) Something every ham must learn to send before he can get his ticket
- 3) A type of antenna commonly used by amateurs.
- 6) A type of CW key.
- 8) Capacitive reactance.
- 10) A combination of antenna elements
- 11) A type of transmitter circuit often used in ham rigs.
- 12) A tap in the center.
- 14) Opposite of high voltage.
- 16) A directly excited antenna element.
- 19) CW that is interrupted.
- 20) A grid that's floating.
- 22) It flows in a vacuum tube's plate circuit.
- 24) The oscillator found in a superhet.
- 25) Entries are made in it.
- 27) Plate load resistor.
- 28) "From".
- 30) Phase modulation.
- 31) Not an old lady.
- 32) Calling all stations.
- 33) A rig moved about by automobile.
- 34) The letter 'A' on code is dit-___ (supply missing letters)
- 36) A type of modulation.
- 38) A point of minimum voltage or current.
- 40) An international time standard.
- 42) Break.
- 43) Sent three times, it's the CW safety signal.
- 44) A national defense organization.
- 49) A type of oscillator.
- 51) An interference that modulates a signal undesirably.
- 52) Grid potential.
- 55) Part of an antenna array.
- 56) Not desirable in the output signal of a transmitter.
- 57) Three times, Dah-Dit-Dit-Dah.

DOWN:

- 1) A type of transmission line
- 2) A current that flows in only one direction.
- 3) Abbreviation for the kind of current described in No. 2 down.
- 4) Some hams work _____, others work CW.
- 5) The power that a transmitter delivers to its antenna.
- 7) An antenna with high _____ is better for DXing than one with low _____.
- 8) A ham's wife.
- 9) Interference to standard broadcasts.
- 13) Interference to television.
- 15) When you want to work several bands easily, a ___ is a must.
- 17) Amateur radio gear.
- 18) Plate potential.
- 21) Part of an antenna.
- 23) What you are doing when you pound a bug.
- 24) Wires used to measure short wavelengths.
- 26) Not a young man, but could be.
- 29) A pure waveform.
- 30) A low-voltage lamp the size of a certain vegetable.
- 34) What a dot () sounds like.
- 35) A type of oscillator.
- 37) Hams talk into one.
- 39) A type of switch.
- 41) A definite length of time.
- 45) Tube with a breakable envelope.
- 46) A broadcast listener.
- 47) Often it is used as a volume or tone control.
- 48) Transmitting only one sideband.
- 50) An amplifier that boosts power.
- 53) Thank You
- 54) Long distance communication