

# THE GRID LEAK

September 2006

The Official Newsletter of the Tulare County Amateur Radio Club

P.O. Box 723, Visalia, CA 93279  
TULARE COUNTY, CALIFORNIA  
146.880 (-) TCARC REPEATER  
Park Ridge Mountain  
East of Fresno, California  
36 43.29' N Latitude, 118.56.38' W Longitude  
7,500' above Sea Level

I.R.L.P. Node # **8120**

Echolink Node # **152747** (WA6BAI-R)

Web Page: <http://www.tcarc.net/>

Companion site at: <http://groups.yahoo.com/group/wa6bai/>

## Club Officers

President: Dave McElroy WA6BEF

Vice President: Bill Stenger K6QOG

Secretary: Ray Quinn KF6KMY

Treasurer: Dave Millhouse N6YMM

Past President: Steve Lee-Thomas W6SLT

Repeater Liaison: Chuck Ward WA6SAA

Activities Director: Hal Clover KC5LUB



**Next Club Meeting is September 28th, 7:30 pm at the  
County Board of Supervisors Building,  
2800 Burrell, Visalia.  
It is located West of the court house.**

## Club Websites:

The mailing lists available for TCARC are:

- [gridleak@tcarc.net](mailto:gridleak@tcarc.net) - Grid Leak distribution in Portable Document Format (PDF)
- [gridleak-text@tcarc.net](mailto:gridleak-text@tcarc.net) - Grid Leak distribution in text format for those who prefer or require it.
- [tcarc-announce@tcarc.net](mailto:tcarc-announce@tcarc.net) - One-way announcements open to all
- [members@tcarc.net](mailto:members@tcarc.net) - Open to all active members
- [repeater@tcarc.net](mailto:repeater@tcarc.net) - New repeater committee list (committee members only)
- [officers@tcarc.net](mailto:officers@tcarc.net) - For officers

If anyone wishes to start a new list related to amateur radio or the TCARC, you may do so by sending me an e-mail. -- 73 de Ray KF6KMY

## Emergency Coordinators:

Emergency Coordinators for Tulare County:

**RACES is Jim Reeves KC6YRU -**  
[kc6yru@tcarc.net](mailto:kc6yru@tcarc.net)

**ARES is Hal Clover KC6LUB -**  
[hal90000@sosinet.net](mailto:hal90000@sosinet.net)

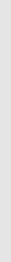
## President's Message

Not Available



## TCARC Club Minutes from August 24th, 2006

Not Available



*Happy Birthday & Anniversary*



**October Birthday:**  
W6MTR Alan Vicenti

## SAN JOAQUIN VALLEY SECTION

### Report for the month of August 2006

SM Charles McConnell, W6DPD- ASMs K6YK and W6FRH, ACC W6DPD, SEC N6ZFN, OOC N1VM, STM K6RAU, PIC KE6IGJ, TC W6TE.

Greetings from the ARRL San Joaquin Valley Section.

An Emergency Coordinator is needed in Merced County. Contact N6ZFN (n6zfn@bak.rr.com) or W6DPD (w6dpd@arrl.org) if you can help.

Mark your calendars. September is National Preparedness Month.

The San Joaquin Valley ARS presents the Harvest HamConVention Sept 15-16 in Fresno. Check [www.sjvars.com](http://www.sjvars.com) for information.

Amateur Radio Awareness Day is Saturday, Sept. 16, 2006.

The annual Turlock ARC Auction will be September 30, 2006. Check [www.w6bxn.org](http://www.w6bxn.org) for information.

The 2006 California QSO Party is October 7-8. Check [www.cqp.org](http://www.cqp.org) for information.

Pacificon 06 will be October 13-15, 2006 at the San Ramon Marriott. Check [www.pacificon.org](http://www.pacificon.org) for information.

The Scout Jamboree on the Air is October 21, 2006.

The International DX Convention is April 27-29, 2007 at Visalia. Check <http://www.dxconvention.org/> for information.

EMCOMM West is May 4-6, 2007 at the Atlantis Resort and Casino in Reno NV. Check [www.emcommwest.org](http://www.emcommwest.org) for information.

Field Day 2007 is the fourth full weekend of June.

The 65th Fresno Hamfest is tentatively scheduled for August 4, 2007 at the Holiday Inn at the Airport in Fresno.

When your affiliated club elects officers for the next year, be sure to update your club's information on the affiliated club area of the ARRL web page. If you fail to update your club's information for 2 years, your club will be placed in the inactive file.

Need to take an Amateur exam? Check the ARRL web page, [www.arrl.org](http://www.arrl.org) for exam information. You can also search for Amateur Radio Classes in your area.

The Northern California Net (NCN), the Section Traffic Net, meets nightly on 3.630 MHZ at 7 PM Pacific Time. The slow speed training session of the net meets nightly on 3.705 MHZ at 9 PM Pacific Time. Handling traffic on CW is a good way to improve your CW skills. The Daytime Region 6 Traffic Net meets daily at 3:30 pacific time on or near 7.275 MHZ. The California Traffic Net meets daily on 3.906 MHZ and 6:30 PM local time.

The California QSO Party, CQP, is October 7-8, 2006. This is a good opportunity to put your county on the air and be sought out by stations across the United States and around the world that are participating in the party. The Northern California Contest Club has a great award program for participating stations. Check out [www.cqp.org](http://www.cqp.org) for information.

Pacificon 2006 will be October 13-15, 2006, at the San Ramon Marriott. This is the ARRL Pacific Division Convention. ARRL President Joel Harrison, W5ZN, will be present and speak at the Saturday Banquet. ARRL Chief Operating Officer, Harold Kramer, WJ1B, will speak at the Saturday breakfast. They will meet the members at the ARRL booth. Check [www.pacifcon.org](http://www.pacifcon.org) for information and registration forms.

It is my sad duty to report that KD6AHF, KE6ESY, W6KOC, and W6FRG are Silent Keys. They will be missed.

The U.S. Department of Homeland Security for the third year is sponsoring

**From the Editors:** If there is anything that you would like to add to the newsletter, you may contact us by email at [stengerw@sti.net](mailto:stengerw@sti.net). The deadline to have articles included is the 10th of each month; submissions after the 10th will go in the next newsletter unless otherwise instructed.  
-- de Carol & Bill K6QOG

SAN JOAQUIN VALLEY SECTION Report for the month of August 2006  
Continued

National Preparedness Month which is a nationwide effort held each September to encourage Americans to prepare for emergencies in their homes, businesses and schools. This year's goals are to increase public awareness about the importance of family emergency preparedness and to urge individuals to make themselves and their loved ones better prepared. National Preparedness Month is a nationwide effort held each September to encourage Americans to prepare for emergencies in their homes, businesses and schools. This year's goals are to increase public awareness about the importance of family emergency preparedness and to urge individuals to make themselves and their loved ones better prepared. More than 200 organizations including ARRL are members of the coalition promoting National Preparedness Month.

Amateur Radio Awareness Day is sponsored by ARRL and is September 16. This is a good opportunity for your club to set up an Amateur Station in a shopping center

parking lot to demonstrate Amateur Radio to the public. This is in the middle of National Preparedness Month.

The Scout Jamboree on the Air is October 21-22. If you want to participate, contact the Scout Service Center in your area to volunteer. This is a good event to showcase Amateur Radio to the Scouts. There are radio badges for both Girl and Boy Scouts.

The 64th Fresno Hamfest was well attended. It was a successful event. W6TLM won the main prize. WS6X won 3 handheld radios plus several other prizes. Pacific Division Director Bob Vallio, W6RGG, presented the February 2006 cover plaque to Dave Rosenthal, N6TST, for his article in the February 2006 QST, "Polar Bear Portable". The cover plaque is awarded to the best article in each QST, as voted by the ARRL members on the Cover Plaque Poll Webpage.

Traffic for July 8 K6RAU 16, and N6SUZ 45; Total 63. PSHR: K6RAU 59 N6SUZ 96.



**Any Sell, Wants or Trade Amateur Radio Equipment**



**FOR SALE:**

40FT Self-supporting HD TOWER - \$450.00

CUSHCRAFT A-4S (4 elm triband) w/A-744 (40 M addition) \$300.00

Call K6QOG, Bill 559-564-1926  
Will transport w/in 75miles of Visalia, CA

If you have anything for sale, or have a want or want to trade any ham radio equipment listed in the newsletter, contact Bill, K6QOG, 564-1926

## *The Amateur Radio Crossword Puzzler*

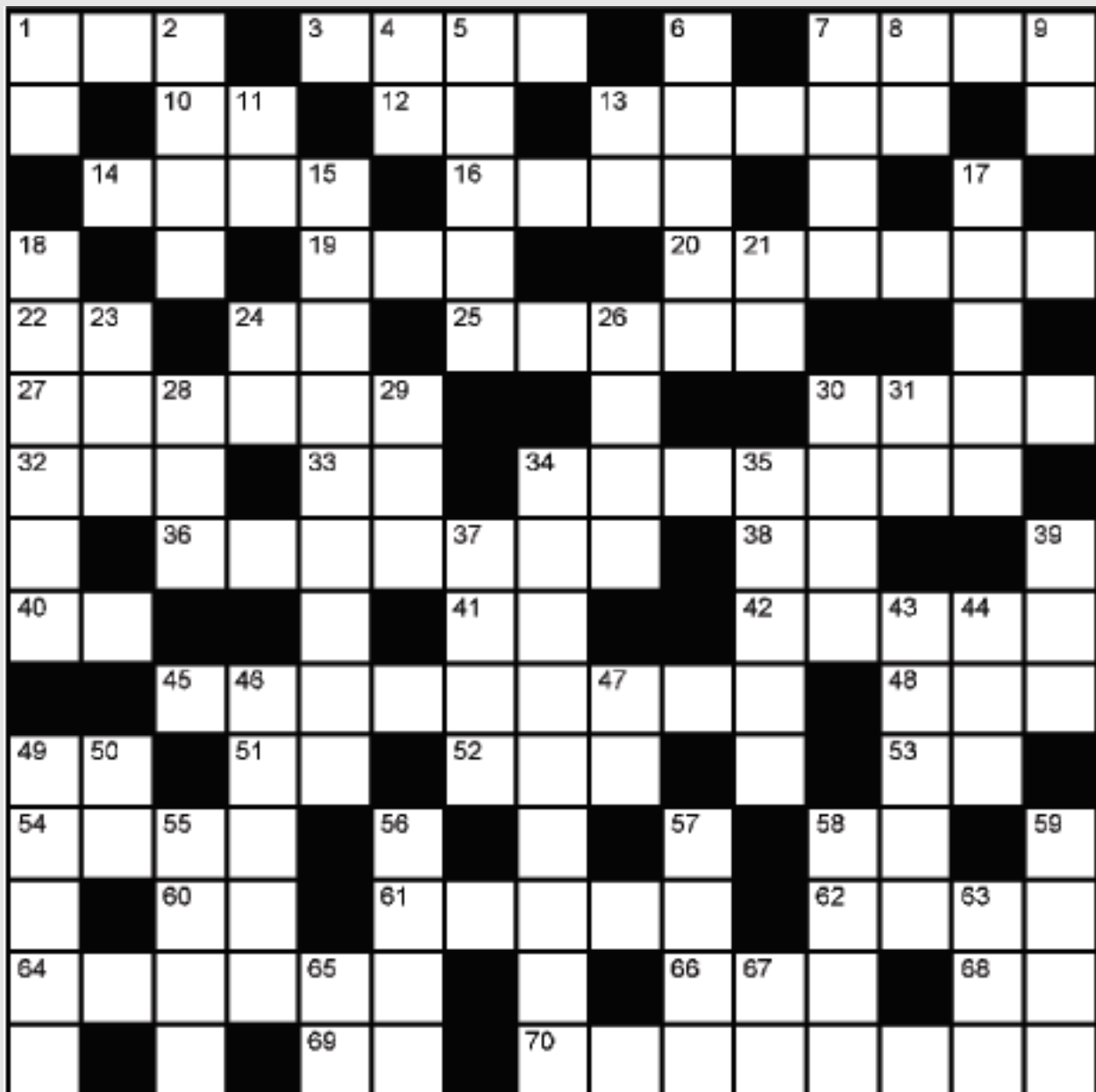
By H. Ward Silver, NØAX

Contributing Editor

September 15, 2006

### *Making It Up*

Part of the fun of ham radio is that we are encouraged, even expected, to design and build and experiment with our radio stuff. No other FCC service has that privilege on such a broad scale! Go forth and homebrew, sayeth the Purpose and Basis (slightly paraphrased). This week's puzzle uses a lot of words associated with the processes of designing and building, dear to the hearts of hams since the dawn of radio.



## Tulare County Amateur Radio Club

### Across

1. Signifies a connection
3. Useless stuff
7. Upper limit
10. Coaxial cable type prefix
12. What you say after a component burns up
13. Color code for 5
14. Offset or operating point
16. Manufacturer's symbol
19. Adjust to meet specifications (abbr)
20. Delivered signal
22. Stand by (CW prosign)
24. Battery energy capacity (abbr)
25. Exchanges or substitutes
27. Compilation of values for reference
30. Capacitor type with plastic dielectrics
32. Regulates international radio spectrum
33. Unit of current (abbr)
34. AC or dc circuit signal connection
36. Drawing showing connections
38. Suffix signed on your final license upgrade
40. Emergency kit
41. Safety lab (abbr)
42. Another word for power supply busses
45. Without signal applied
48. Distress signal
49. An early morning CW greeting
51. State where the first shots of the Civil War were fired (postal code)
52. USB connection point
53. ARRL division for Arizona (abbr)
54. Prefix meaning "all"
58. Precious metal used to plate connectors (chemical symbol)
60. One of
61. Relates two signals in time
62. Spreadsheet location
64. Useful and handy heat tester
66. Abbreviation for PC's network circuitry
68. Iberian prefix
69. Runs an ARRL section (abbr)
70. Mathematical description

### Down

1. Battery power
2. To adjust slightly
4. Adjusting an amplifier is tuning ..
5. Minimum values in filter responses
6. To slowly reduce height or value
7. What resistors convert electrical power to
8. To get a QSL you must be .. the log
9. British abbreviation for HV
11. Abbreviation for wire size
13. CW abbreviation for "going"
15. Electrical drawing
17. Construct
18. Capability of a component
21. Not them
23. Slang for satellite
24. Metal used for most enclosures (chemical symbol)
26. Smallest chemical unit
28. Minibox maker
29. Drop voltage under load
30. Ham's favorite market
31. By way of explanation
34. Compute
35. Pieces used to construct something
37. Hurry
39. Orbiting platform
43. Magazine edition
44. Insufficient amount
46. To be making use of
47. A bipolar transistor's terminals are labeled C and . and .
49. A silly design
50. 25.4 make an inch (abbr)
55. Prefix meaning milli-milli-milli
56. Abbreviation for a possible FCC rule change
57. List of choices
58. Authorization to bill (abbr)
59. Think ahead
63. Most satellites are of this type (abbr)
65. CW for "and"
67. Between MO and MN (postal code)

**The Answer will be in next month newsletter**

# TULARE COUNTY AMATEUR RADIO CLUB, INC. MEMBERSHIP APPLICATION

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NAME (Self) \_\_\_\_\_ NAME (Family Member) \_\_\_\_\_

CALLSIGN (Self) \_\_\_\_\_ CALLSIGN (Family Member) \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

EMAIL \_\_\_\_\_

LICENSE CLASS (Self) \_\_\_\_\_ LICENSE CLASS (Family Member) \_\_\_\_\_

RES PHONE \_\_\_\_\_ BUS PHONE \_\_\_\_\_

EQUIPMENT \_\_\_\_\_

BANDS \_\_\_\_\_

## INTERESTS (Please Check)

EMERGENCY SERVICE

RAG CHEWING

BUILDING

TRAFFIC HANDLING

Dxing

ANTENNAS

CINTESTS

QRP

OTHER

DESCRIBE \_\_\_\_\_

\_\_\_\_\_

SIGNATURE \_\_\_\_\_

Membership Dues: (\$20.00 - Individual - \$25.00 - Family)

Mail To:  
Tulare County Amateur Radio Club  
P.O. Box 723  
Visalia, CA 93279