

W6GLIE

Kern County Central Valley Amateur Radio Club Inc.

COMMUNICATOR

March 2009

Next Meeting Tuesday, March 24

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At our March meeting, we hope to have a program on antenna design presented by Frank Clements W6KPC. If Frank is unable to be there, Dave Light KG6YSZ has various programs he can share with us of similar interests. Either way we will have an interesting program for this month. There's always something to learn at our meetings.

Joe Luque KI6LPU will be treating us to snacks at this meeting. Coffee is available as always.

The Veteran's Hall opens at 6:30 pm and the meeting begins at 7:00. Come early to enjoy more time chatting with other Hams.

Please read the President's Message on page 2 and the Minutes of the Board Meeting on page 3 for more information about our club.



7:00 pm at the Veteran's Hall
1905 Wilson Rd. Bakersfield, CA
One Block West of South "H" St.

ALL INTERESTED PERSONS ARE WELCOME TO ATTEND!

Officers and Board of Directors for Year 2009

President - Mark Slater, WI6J ----- 588-1938
mark.wi6j@yahoo.com
First Vice Pres. - Joe Luque, KI6LPU ----- 725-1823
jlluque@sbcglobal.net
Sec. Vice Pres. - Steven Marmolejo, N6GOD ----- 340-6784
steven.n6god@gmail.com
Secretary - Frank Wells, KD6UQZ ----- 871-2164
kd6uqz@pacbell.net
Treasurer - Mike Goshay, W6WE ----- 589-7817
w6we@bak.rr.com
Directors: - Jon Armstrong, K6QXG ----- 871-8849
jon@lasdretired.org
Larry Callahan, KF6JOQ ----- 834-3204
kf6joq@sbcglobal.net
Dave Light, KG6YSZ ----- 747-0118
jlight@bak.rr.com
Past Pres. - Jon Wilhelm, WA6KLB ----- 834-7067
wa6klb@sbcglobal.net

Reminder:

Your dues for 2009 must be paid for your name to be included in the Membership Roster, which will be finalized before April.

President's Message

Hello to all, it was great seeing such a big crowd at our last club meeting! I hope we are able to continue the growth our club is experiencing. We as a club are very fortunate to have such a diversified group of people that share similar interests, this is what brings us together so we can learn from each other.

We will be giving away some scholarship funds to the tune of a \$1000.00 between Bakersfield College, and Arvin High School, who has a graduate program to assist candidates who are extending their educations in related studies.

The BY-Law committee has made a recommendation to make an amendment to one article in our club By-Laws" Sec 9", we will be presenting it to the membership for approval after it is re written, and gets approval from the Board of directors.

We are hoping Frank Clements W6KPC is able to give his presentation on antenna design this month for our program, if not, Dave KG6YSZ has various programs he can share with us of similar interests.

Joe Luque KI6LPU will be treating us to snacks at our meeting, lets make sure we don't disappoint Joe, so everyone needs to come and eat Joe's treats.

Mark E Slater WI6J
www.wi6j.com

NEXT VE SESSION

Next VE test session

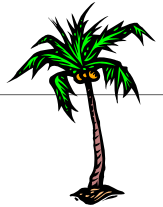
Friday, May 8, 2009

6:30 pm

South Bakersfield
Veteran's Hall, 1905 Wilson
Road in room 3.

Bring one form of picture
ID, a copy and original of
any active csce's, and a
copy and original of current
Ham license if applicable.

Cost is \$15.00.



Time for another trip

In a few months we will be headed to Caye Caulker Island off of Belize in Central America. My wife Sharon and I will be going to Caye Caulker from July 21-July 28. Our call sign will be V31UR and V31WL. I had requested the UR call sign on behalf of my long time friend and Elmer, Lou (W6UR).

We will operate during the IOTA (Island on the Air) contest that weekend. Sharon and I will be on 20 meters as well as 15 and 6 meters.

We have several sponsors already: Force 12, The DX Store, Tigertronics, Clipperton Dx Club, Bakersfield Amateur Radio Club (W6BAR), and WI6J.

For more information I have a website at:

www.v31ur.com

or email at w6wtg.com

Terry Godley W6WTG

Kern County Central Valley Amateur Radio Club

Board Meeting 11 March 2009



The meeting was called to order @ 1900 by the President Mark WI6J.

Board Members present: Mark WI6J, Joe KI6LPU, Stephen N6GOD, Frank KD6UQZ, and Larry KF6JOQ.

Members present: Terry W6WTG, Adam KI6UYD, Nathan KI6UCL, Pam KD6LBS, Bobby KA6H and Ed KF4YDM.

Minutes: A motion by Joe KI6LPU and a second by Stephen N6GOD, the February minutes were approved as reported.

Treasure's Report: Mike was out of town and did not submit a Treasure's reported; likewise no payments could be made.

Secretary's Report: A total of 77 paid Memberships have been received to date, from the meetings and from the club mail box, including KI6LPC James Stewart and KG6DUC Richard Greene. I received membership dues at the Board meeting from Stephen N6GOD and Amber KG6VCN. With Stephen and Amber brings the total membership to 79.

Committee Reports:

Repeaters: Neither Dave KG6YSZ or Jon WA6KLB were able to make the meeting. Assume that the last report of trying to move the 146.91 repeater is still good. However, both the 145.15 and the 146.91 repeaters are acting up at the present time.

Interference: Larry reports that there has been some interference that has to do with sprinkler system.

By-Laws: Ed KF4YDM identified one article so far, that needs to be looked at, and a short discussion was held. When the verbiage is finalized it will be brought before the club for a vote.

ARES-RACES: The next sponsored meeting is 01 APR at 1905 Wilson Rd., Wilson Rd Vets Hall, Rm. 3 @ 1900. ARES -RACES are in need of a new Emergency Coordinator and a Training Officer; notify Marie n6zfn@bak.rr.com if interested in either position.

Unfinished Business: The coordinating committee has received the letter from the club and Matt WA6ALB should have the new password shortly so that the coordination of the repeater can proceed. The Eagle Scout Project of Public Awareness came off nicely. The club tower trailer was setup and with a radio was on the air; in attendance Mark WI6J, Mike W6WE, Stephen N6GOD, Larry KF6JOQ and Frank KD6UQZ. Matt KI6RZP showed up near the end and stayed to help tear down and clean up. Mike W6WE requested a copy of the club Insurance; however, it does not cover Liquor. A discussion was held on the Scholarship funds; with a motion by Joe KI6LPU and a second by Stephen N6GOD, \$500 will go to BC for Communication/Technology program and \$500 will go to a Technology scholarship sponsored by Arvin HS.

New Business:

A discussion was held concerning the club raffles; a motion by Larry with a second by Stephen N6GOD that the club should return to AES or HRO for gift certificates and products that are Amateur Radio related. The first occurrence will be for no more than \$100. It was reported that Matt KI6RZP will look into redoing the sign on the club tower trailer and will also bring Bumper Stickers samples to the club.

The next Club meeting: 24 MAR 2009 at 1905 Wilson Rd. Wilson Rd Vets Hall @ 1900 Rm. 1.

The next Board meeting: 08 APR 2009 1905 Wilson Rd. Wilson Rd. Vets Hall @ 1900 Rm. 3.

The next VE session: 08 MAY 2009, 1905 Wilson Rd. Wilson Rd. Vets Hall @ 1900 Rm. 3.

Meeting adjourned @ 1958 - Frank KD6UQZ Secretary.

HAPPY BIRTHDAYS

March Birthdays:

2 Frank Wells	KD6UQZ
10 Le Rae Elton	KE6VRD
22 Joe Luque	KI6LPU
30 Harry Thomas	KG6OPR

April Birthdays:

6 William Hugener	KF6CHO
22 Richard Gill	KQ6EF



Mark your calendars!

60th Annual International DX Convention
April 17-19, 2009
Holiday Inn, Visalia Ca, USA

The theme for the 60th Annual International DX Convention, our Diamond Jubilee year, is 60 years of DX history and Looking forward to the next 60 years of Dxing.

This year the Northern California DX Club has gone all out to bring you an outstanding program, terrific \$25,000 raffle, great speakers, good food, a wonderful YL tour and short waits to sign up for banquet seating.

The organizing committee of the International DX Convention in Visalia, California is pleased to announce that the keynote speaker for the Saturday night banquet will be The Hon. John Scott Redd (KØDQ), Vice Admiral, U.S. Navy (ret.). Vice Admiral Redd will speak on his life lived on the tip of a spear, from his unique perspective as a DXer and contester.

KØDQ is a legend in the world of contesting, renowned for his record-breaking exploits from XE1IIIJ, 6J9AA, A92Q, P4ØQ, and many other exotic calls. In 2008, Redd was inducted into the CQ Amateur Radio Hall of Fame, which honors those individuals to Amateur Radio and/or to the world as a whole.

Holiday Inn Visalia, CA, Tel. 800-465-4329, Tel. 559-651-5000, Fax 559-651-5014
<http://www.visaliaca.holiday-inn.com>
Check <http://www.dxconvention.org/> for information.

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TREASURER'S CASH FLOW REPORT

FEBRUARY 2009

Submitted by Mike Goshay, w6we

Beginning Balance \$1524.60
FEBRUARY INCOME
Dues: 470.00
Prize drawing \$55.00
50/50 \$6.00
Repeater Donation \$4.00
Refreshments \$20.50
Total Income: \$85.50
Total funds \$2059.60

EXPENSES
S. Covey \$14.45 ck# 1419
Total expenses: \$14.45
ENDING BALANCE \$2045.15
RESERVE FUNDS
REPEATER \$750.00
INSURANCE \$105.00

ACTUAL AVAILABLE FUNDS \$1190.15

Scholarship Fund on 1/31/09 \$ 1,562.96
No statement received!
However, it increases by 3 or 4 cents monthly

ARES-RACES Meeting

The next sponsored meeting is April 1 at 1905 Wilson Rd., Wilson Rd Vets Hall, Rm. 3 at 7:00 pm.

ARES-RACES is in need of a new Emergency Coordinator and a Training Officer, notify Marie n6zfn@bak.rr.com if interested in either position.

How Much Power is Reaching the Antenna? - Calculating and Minimizing Coaxial Cable Loss

One of the most common radio tower mistakes made in connecting a transmitter to an antenna is choosing the wrong coaxial cable. For the maximum transfer of power from the transmitter to the antenna one must choose a low loss coaxial cable with the proper impedance. Most transmitters have an output impedance of 50 ohms. This means that a 50 ohm coaxial cable must be used to achieve the best match between the transmitter and antenna. Sometimes, since it is so widely used in the cable TV industry, people use RG6 which has an impedance of 75 ohms. This is not a good choice. Another bad choice is to use RG58 or RG8X for fixed station applications. RG58 has a very high loss factor and will not handle high power levels. It is only appropriate for short length test leads and jumpers. RG8X has lower loss than RG58 but is best for lengths less than 25 feet. It is good for mobile operations. Typically, for fixed station installations, one should use highest quality, low loss coaxial cable available. An LMR400 type coaxial cable is probably the best choice in terms of loss and material cost. In order of loss you start with LMR400 for the lowest to Belden 9913 to RG213 and finally RG8. If you have a long run, greater than 75 feet, you should consider using a heliax style coaxial such as LDF4-50—expensive but worth the cost. Keep the coaxial cable as short as possible. Every extra foot or meter means an additional amount of power loss.

To aid in calculating the loss of a specific coaxial cable for a given length and frequency there are a number of websites which provide an online calculator. For example this one website—<http://www.saarsham.net/coax.html>

A properly tuned antenna is equally important. One should try to achieve as low of an SWR (standing wave ratio) as possible when tuning the antenna. Keeping a dual needle RF power/SWR meter such as a Daiwa CN101 or CN801HP connected between the output connector of the transmitter and the antenna is good way to continually monitor the health of your transmission line and antenna. If the reflected power and SWR slowly rise over time during a rainy season, it is likely that moisture is entering the connection at the antenna for example. Proper sealing of connections with a special tape made for this purpose will prevent this from happening.

To sum up: for the highest amount of power to reach your antenna—use the lowest loss coaxial cable you can afford; keep the coaxial cable as short as possible; tune the antenna correctly; and properly seal all connections.

EMCOMMWEST ® /Pacificon'09

May 1-3, 2009

at the Circus Circus Hotel and Casino

in Reno, Nevada

This year, EMMCOMMWEST incorporates Pacificon, the ARRL Pacific Division Convention. This is where we will bring it all together and grow. Come join us as we make history!

<http://www.emcommwest.org/>

A special room rate at CircusCircus/Reno for EMMCOMMWEST/Pacificon'09 is now available, \$79/night in the Sky Tower and \$89/night in the North Tower.

You can call CircusCircus reservations at 1-800-648-5010 and use the special reservations code "IEMCOMM" to get the special EMMCOMMWEST/Pacificon'09 room rate.



Activity Information from the SAN JOAQUIN VALLEY SECTION Report for the month of February 2009: SM Charles McConnell, W6DPD

The 60th International DX Convention is April 17-19, 2009 at Visalia. Check <http://www.dxconvention.org/> for information.

EMCOMM West 2009 and PACIFICON 2009 is May 1-3, 2009 at the Circus-Circus in Reno NV. Check www.emcommwest.org for information.

Turlock ARC Auction May 2, 2009. Check www.w6bxn.org for information.

The 2GHX and UP Contest is May 2-3, 2009.

ARRL Field Day is June 27-28, 2009.

The 66th Fresno Hamfest is October 17, 2009. Check www.w6to.com for information. **(NOTE THE DATE CHANGE.)**

Kern County Central Valley Amateur Radio Club, A Non Profit Corporation

W6LIE

Serving Amateur Radio Since 1949

COMMUNICATOR

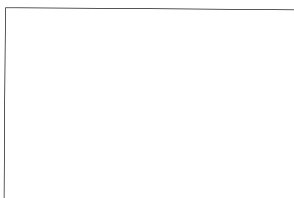


EVENTS: March '09

March 24, Club Meeting. 7 pm, Veterans Hall
April 8, Board Meeting, 7 pm, Veterans Hall
April 28, Club Meeting. 6:30 pm, Veterans Hall



REMEMBER TO JOIN IN ON OUR LOCAL NETS
SUNDAY EVE. 8:00 P.M. - CLUB NET
MONDAY EVE. 7:00 P.M. - ARES-RACES NET
(These Nets Are On 145.150- PL 100)
Other club frequencies:
146.910 -PL 100, 443.900 PL 100
KC-CVARC's Web Page <http://www.w6lie.org>



KERN COUNTY
CENTRAL VALLEY ARC INC.
P.O. BOX 743
BAKERSFIELD, CA 93302