



THE VALLEY HAM NEWS



"The Voice of Yuba Sutter Amateur Radio Club"

A California Non-Profit Organization

December 2012



The YSARC November Meeting Results

The Yuba Sutter Amateur Radio Club held its "Annual Meeting" (the same day as the US National Elections) on Tuesday, November 6, 2012 at the '2 Bits Café' in Yuba City. The main order of business at the Annual Meeting is to elect a slate of officers and board members for the next year. Here are the results of the meeting: (many of these positions went unopposed and are for a 1 year term)

President: Lonnie Moore, KI6ZYY from Williams, CA
Vice President: Mike Eby, KM6EBY from Sutter, CA
Secretary: Larry Witcher, KE6LAW from Yuba City, CA
Treasurer: Clara Ansley from Olivehurst, CA

Board Member: Herb Puckett, W6HBU (Honorary Lifetime Board Member) from Yuba City
Board Member: Lee Sheffield, KC6MCI from Sutter, CA
Board Member: Shari Goforth-Eby, K6AVW from Sutter, CA
Board Member: June McJunkin, N6JEY from Yuba City, CA
Board Member: Bob McClard, N6BOB from Yuba City, CA

YSARC Christmas Dinner Meeting

**Tuesday, December 4, 2012 at 5:30pm
at the 2 Bits Café - Yuba City, CA**

A Big Drawing will be held. The main prize is a Kenwood TM-281A 2 meter 70 watt Mobile Radio. It will be given away besides many other nice prizes!

Don't miss out!!

YSARC

PO Box 1169, Yuba City, CA
95992

President

Lonnie Moore, KI6ZYY

Vice President

Andy Boone, KJ6IYM

Secretary

Larry Witcher, KE6LAW

Treasurer

Clara Ansley, N6VRH

Board Members

Herb Puckett, W6HBU

Mike Eby, KM6EBY

Lee Sheffield, KC6MCI

Marsha Sylvester-Jose, KI6CSN

Jeremiah De La Ossa, W6DLO

VHN Editor and

Webmaster

Russell Decker, KB6YAF

Repeater Trustee

Dave Gartner, WD6AXM

MONTHLY ACTIVITIES

1st **TUESDAY**: Club Meeting

3rd **TUESDAY**: Board Meeting

(Check the minutes for details on the Club and Board Meetings)

All newsletter submissions are due on or before the 4th Wednesday of the month

UPCOMING EVENTS

Dec. 4th - Tues. @5:30pm **YSARC Dinner Meeting at 2 Bits Cafe - Yuba City**

Dec. 18th - Tues. @6:00pm **YSARC Board Meeting - Location - TBA**

Jan. 15 - 25th (10 days) **Quartzfest 2013** - Quartzsite, AZ - A gathering of RV'ing Hams that meet and share the ham radio experience. No Admission. An ARRL sanctioned event. Seminars and more - www.quartzfest.org

CLUB ACTIVITIES

Monday Night Net - (7 PM) - Weekly net w/swap shop
(146.085 + PL 127.3)

Monday Night Net - (8 PM) - Butte Co. ARES Net
(146.850 - PL 110.0)

Tuesday Night Net - (7 PM) - YSARC ARES Net
(146.085 + PL 127.3)

2nd Wednesday - (7 PM) - ARRL Sac Valley Net

EDITOR'S RAMBLINGS...

BLAH BLAH BLAH
BLAH BLAH BLAH
BLAH BLAH BLAH

If you read the November Issue of 'The Valley Ham News', you saw where Deb and I bought a place in Olympia, Washington. Now, there were several people that thought we were relocating within a few days or so. That reminded me of Mark Twain's quotation after hearing that his obituary had been published in the New York Journal **"The reports of my death are greatly exaggerated"**. Our out-of-state residence acquisition is for our (Deb's) 'retirement QTH' which hopefully will happen sometime within a couple years. With that said, it is only common sense that I pass on my volunteer positions as "Bike Around The Buttes" emergency communications coordinator, the Valley Ham News Editor, and YSARC.org Webmaster when I feel the time is right. I was offered the volunteer position as BATB coordinator along with the editor of the "Valley Ham News" from Herb Puckett, W6HBU after he had spent many, many years in that position. Since that time, I have made it my goal to be the best that I can in these positions taking all that I have learned from my best friend Herb to honor his level of excellence. As for my volunteer position of the ysarc.org webmaster, I stepped up and offered to take it over from Teeje, NE1CQ, knowing he was swamped with his job, etc. Since then, the job of webmaster has been a real learning experience as I jumped into the pool of HTML, etc. That was really out of my box, but again, my goal was to do my best to keep it as current as possible and to reflect the best of what our club and hobby have to offer. And so it is with the premature reports of my impending move to the Great PNW. So, I'll keep on keeping on unless someone approaches with a bucket of hot tar and a bag of feathers.

Deb and I are already looking beyond the Christmas season to that of a nice ham radio "road trip" to Quartzsite, Arizona. The "Quartzfest" has grown since its first year from a hundred or so ham radio RV'ers to over 600 people last year. Because of the growth and scope of this event, the ARRL has sanctioned it as an official ARRL Event, sending Norm, W3IZ out from headquarters to speak to the group on "Log Book Of The World" in which he heads up. This January, Steve Weed, KO4QT, the Q-Fest organizer has extended the event to a full 10 days. There are way too many activities to mention here, so be sure to check out all the past Q-fests, and upcoming current ones too at www.quartzfest.org. Some of my favorite seminars are: Solar Panels; Solar Controllers; The Antenna "Shootout"; The solar "Walkabout"; T-Hunting; and talking to and checking out all of the RV's and how the hams have set up their antennas, etc. on them. Remember, there is never an admission fee for the Quartzfest. Just show up! Camping is also free, but remember, there are no 'hook-ups'. If you want or need it, you'll have to bring it....water, food, power, everything. I'm hoping that some hams from our area will plan to go. You won't be disappointed!!

Well, your editor has been busy building more aluminum J Poles. As of this writing, I have around a dozen 2 meter and a dozen 222MHz antennas built and ready to go. I want to thank Lee, KC6MCI for his generosity in the use of some of his tools which make my J Pole manufacturing and assembly much easier. If you are in need of one or more of these, don't hesitate to drop me an email. I have yet to find an inexpensive way to ship one of these J Pole Antennas. If you know of a way to ship a J Pole cheaply, please let me know!

Emergency preparedness has also been on my mind. Gordon West, WB6NOA recently traveled to the New York City and surrounding areas to meet with local hams after the "Sandy" storm hit. Gordo reported that those hams who generally worked their "emergency plan" before "Sandy" hit, fared much better than those who had no plan. My emergency plan is to have plenty of fresh water and food on hand along with gasoline for the generators. If in the event that we would have to actually evacuate, the "Big Silver Ham Shack" is ready to be hitched up and moved. Remember folks, yourself and family first!!! If you have to leave out of the area on an evacuation, pre-plan your route and destination. If you can stay and help others, please contact Steve, K6TAZ, our local ARES coordinator and inform him of what you would be willing to do. Remember, in a disaster, your cell phone will most likely be of little or no use because everybody and their brother are using cell phones at the same time. Reports of early cell phone service outages are common in almost every disaster. It is important to have your ham radios up and working. If your beams, or fixed antennas topple over, have a plan to put up temporary antennas to communicate or listen to local disaster broadcasts. This also means keeping your batteries charged and ready. Just a little food for thought. Stay Safe!

73, Russell, KB6YAF

LARRY'S MINUTES ...



YSARC Board Meeting - Wednesday, October 20, 2012

The Board of Directors of the Yuba Sutter Amateur Radio Club meeting for the month of October 2012 was held at the QTH of Herb Puckett (W6HBU) on Saturday, October 20 account of not having a quorum on the 16th. The meeting was called to order by President Lonnie Moore (KI6ZYY) at 18:34-hours. Lee Sheffield (KC6MCI) lead the Pledge of Allegiance.

Officers and Board present were: President Lonnie Moore (KI6ZYY) and Secretary Larry Witcher (KE6LAW); Board members Lee Sheffield (KC6MCI), Mike Eby (KM6EBY) and Herb Puckett (W6HBU).

Officers and Board Absent were Vice President Andy Boone (KJ6IYM) and Treasurer Clara Ansley (N6VRH); Board Members Marsha Sylvester-Jose (KI6CSN), Jeremiah DeLaOssa (W6DLO) and Dave Gartner (WD6AXM).

Guests introduced were: Ramona Traub.

Officers Reports: Minutes of the previous meeting were approved as read by Secretary Larry Witcher (KE6LAW). The treasurer's report was approved as read by Larry Witcher (KE6LAW).

Under Old Business: President Lonnie Moore (KI6ZYY) again informed the board that the directors need to start a list of possible candidates for Officers and Board members for the 2013 year.

President Lonnie Moore (KI6ZYY) reiterated that the board voted on and unanimously approved to change the club's meeting days. The monthly general membership club meeting will be held on the first (1st) Tuesday of the month at 18:00, and the monthly club board meeting will be held on the third (3rd) Tuesday of the month at 18:00.

A committee was formed with Secretary Larry Witcher (KE6LAW) to head the committee for the Rummage sale which is to be held at his QTH on Saturday October 13 & Sunday October 14.

A nomination committee was formed consisting of the following personnel: Lonnie Moore (KI6ZYY), Clara Ansley (N6VRH) Larry Witcher (KE6LAW), Mike Eby (KM6EBY) and Lee Sheffield (KC6MCI). Larry Witcher will serve as secretary for the committee.

A committee was formed to cover all aspects (ticket sales, parking, prize purchases, etc) of the YSARC Hamfest which will be held on June 1, 2013.

The General Ham Cram/Review held September 29th at 715 King Avenue in Yuba City was a success with all candidates passing.

President Lonnie Moore (KI6ZYY) discussed the California QSO Party and reported it was a success. Twelve people were at his QTH to participate with lots of fun and frequencies.

Under New Business: Larry Witcher (KE6LAW) reported that the club has not received an approval letter from the U.S. Treasury on the nonprofit status. He will try to contact the U.S. Treasury Department via telephone for an update.

Three students attended the General review, which resulted in three new General's. At the last meeting it was voted on and approved that the club is providing a service to the community, and as a result will provide snacks and lunches to the volunteer's of club events, such as "Ham Cram/Revue's". A \$5.00 fee will be charged for candidates of a ham cram for their lunches, which will be adjusted as necessary to cover costs. Acquisition and purchase of these food items will be the responsibility of one person on the appointed committee. A head count will be taken at 09:00 on the day of the review for the amount of sandwiches to be bought. The club is striving to keep cost to a minimum, and a closer count of food purchases to minimize waste. It was voted on and approved that a letter be composed by Secretary Larry Witcher (KE6LAW) and sent to the board member's and officer's that have not complied with Article IV, Section 5 (board) and Article V, Section 5 (Officer's).

President Lonnie Moore (KI6ZYY) reported that the purchase of a winch for the tower attached to the club trailer has still not been completed. Lonnie thinks that he may have found one and will report on this matter at the next meeting.

A review and modification of the Articles of incorporation and Bylaws has been put on hold until the next meeting.

President Lonnie Moore (KI6ZYY) informed the board that Bennett Laskey (K6CEL) should be given a receipt from the club for the Field Day drawing radio that he donated back to the club for future drawings. Secretary Larry Witcher (KE6LAW) will contact Treasurer Clara Ansley (N6VRH) to report on this at the next meeting.

It has been voted on and approved that Secretary Larry Witcher (KE6LAW) secure envelopes and postage to compose and mail letters to all members informing them that any and all correspondence will be handled by email.

(Larry's Minutes - Continued on the next page)

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Committee Reports:

President Lonnie Moore (KI6ZYY) will approach Sean Murphy (KC6SCM) about installing and using Skype to hold a video conference amongst the officer's and board member's regarding the nomination committee.

Mike Eby (KM6EBY) was added to the election roster for the position of Vice President. Shari Goforth-Eby was added to the election roster for the position of board member.

There was discussion about the need of more than three board members to ensure a quorum when having a meeting.

A YSARC Hamfest will be held on June 1, 2013. President Lonnie Moore (KI6ZYY) requested that Clara Ansley (N6VRH) ask Paul Johnson (N6XVL) to research the availability of using the American Legion hall in Linda on that date, and to see if they are willing to serve breakfast.

The rummage sale grossed \$418.00, netting \$332.11 after paying for advertisement. Letters of appreciation was sent to all that helped make the sale a success and an article written for the VHN was referred to Russell Decker (KB6YAF). Lee Sheffield will advertise on Ebay for the sale of the antique radio phonograph that was donated by Bennet Laskey.

Club activities for the next three to six months were reviewed. They are as listed, but not limited to the following:

November - Club elections & start preparation for the June 2013 Ham Fest.

December - Ham event to display ham gift idea's such as show and tell, club store, power pole installs, etc. A print out and example of how to build a J-Pole will be viewed. Herb Puckett will bring an example of a home built QRP unit.

January - A ham workshop, Including roll up J-Poles, Club store, power pole install's, etc.

February - Possible digital modes workshop (Dan Crooks, JT65; Lonnie Moore, 2M, SSTV; Lee Sheffield, PSK31 - 20M

March - (?)

April - MS walk (20th), Bike Around The Buttes (?) - Russ Decker (KB6YAF) will inquire about the date/

May - (?)

June - 2013 YSARC Hamfest

Club meetings for the next few months: **Nov.-** 2-Bits café (Elections for 2013) **Dec.** - Christmas Party and Radio Drawing at the 2-Bits Café **Jan.** - Moved to January 8th due to New Years **Feb.** - 2 Bits Sweet Heart Dinner

The November (20th) board meeting will be held at Larry Witcher's (KE6LAW) QTH.

Ramona Traub prepared chocolate sensation cake for refreshments.

Respectfully submitted, Larry A. Witcher - KE6LAW, YSARC Secretary

YSARC TREASURER'S REPORT

Checking Balance September 19, 2012:	\$3,326.52
RECEIPTS DEPOSITED: 10/01 & 11/26:	902.43
TOTAL:	\$3,714.77
BILLS: CHECKS: 1299 TO 1310:	514.18
CHECKING BALANCE:	\$3,714.77
LESS SPECIAL FUNDS:	
REPEATER:	\$ 690.30
DRAWING:	366.53
STORE SALES:	73.57
OFFICE:	26.91
MEETING PRIZES:	99.72
MEMORIAL:	44.39
TOTAL:	\$1,301.42
LESS	\$1,301.42
CLUB BALANCE:	\$2,413.35

Clara M. Ansley N6VRH TREASURER

Did You Know??? The History of the Car Radio....

Seems like cars have always had radios, but they didn't. Here's the true story:

One evening, in 1929, two young men named William Lear and Elmer Wavering drove their girlfriends to a lookout point high above the Mississippi River town of Quincy, Illinois, to watch the sunset. It was a romantic night to be sure, but one of the women observed that it would be even nicer if they could listen to music in the car. Lear and Wavering liked the idea. Both men had tinkered with radios (Lear had served as a radio operator in the U.S. Navy during World War I) and it wasn't long before they were taking apart a home radio and trying to get it to work in a car.

But it wasn't as easy as it sounds: Automobiles have ignition switches, generators, spark plugs, and other electrical equipment that generate noisy static interference, making it nearly impossible to listen to the radio when the engine was running. One by one, Lear and Wavering identified and eliminated each source of electrical interference. When they finally got their radio to work, they took it to a radio convention in Chicago. There they met Paul Galvin, owner of Galvin Manufacturing Corporation. He made a product called a "battery eliminator" a device that allowed battery-powered radios to run on household AC current. But as more homes were wired for electricity more radio manufacturers made AC-powered radios. Galvin needed a new product to manufacture. When he met Lear and Wavering at the radio convention, he found it. He believed that mass-produced, affordable car radios had the potential to become a huge business. Lear and Wavering set up shop in Galvin's factory, and when they perfected their first radio, they installed it in his Studebaker. Then Galvin went to a local banker to apply for a loan. Thinking it might sweeten the deal, he had his men install a radio in the banker's Packard.. Good idea, but it didn't work -- Half an hour after the installation, the banker's Packard caught on fire. (They didn't get the loan.) Galvin didn't give up. He drove his Studebaker nearly 800 miles to Atlantic City to show off the radio at the 1930 Radio Manufacturers Association convention. Too broke to afford a booth, he parked the car outside the convention hall and cranked up the radio so that passing conventioners could hear it.

That idea worked -- He got enough orders to put the radio into production.

WHAT'S IN A NAME

That first production model was called the 5T71. Galvin decided he needed to come up with something a little catchier. In those days many companies in the phonograph and radio businesses used the suffix "ola" for their names - Radiola, Columbiola, and Victrola were three of the biggest. Galvin decided to do the same thing, and since his radio was intended for use in a motor vehicle, he decided to call it the Motorola.

But even with the name change, the radio still had problems: When Motorola went on sale in 1930, it cost about \$110 uninstalled, at a time when you could buy a brand-new car for \$650, and the country was sliding into the Great Depression. (By that measure, a radio for a new car would cost about \$3,000 today.) In 1930 it took two men several days to put in a car radio -- The dashboard had to be taken apart so that the receiver and a single speaker could be installed, and the ceiling had to be cut open to install the antenna. *(Continued on the next page)*

(Continued from Page 5)

These early radios ran on their own batteries, not on the car battery, so holes had to be cut into the floorboard to accommodate them. The installation manual had eight complete diagrams and 28 pages of instructions. Selling complicated car radios that cost 20 percent of the price of a brand-new car wouldn't have been easy in the best of times, let alone during the Great Depression -- Galvin lost money in 1930 and struggled for a couple of years after that. But things picked up in 1933 when Ford began offering Motorola's pre-installed at the factory.

In 1934 they got another boost when Galvin struck a deal with B.F. Goodrich tire company to sell and install them in its chain of tire stores. By then the price of the radio, installation included, had dropped to \$55. The Motorola car radio was off and running. (The name of the company would be officially changed from Galvin Manufacturing to "Motorola" in 1947.) In the meantime, Galvin continued to develop new uses for car radios.

In 1936, the same year that it introduced push-button tuning, it also introduced the Motorola Police Cruiser, a standard car radio that was factory pre-set to a single frequency to pick up police broadcasts. In 1940 he developed with the first handheld two-way radio -- The Handie-Talkie -- for the U. S. Army. A lot of the communications technologies that we take for granted today were born in Motorola laboratories in the years that followed World War II..

In 1947 they came out with the first television to sell under \$200. In 1956 the company introduced the world's first pager; in 1969 it supplied the radio and television equipment that was used to televise Neil Armstrong's first steps on the Moon. In 1973 it invented the world's first handheld cellular phone. Today Motorola is one of the largest cell phone manufacturer in the world -- And it all started with the car radio.

WHATEVER HAPPENED TO...

The two men who installed the first radio in Paul Galvin's car, Elmer Wavering and William Lear, ended up taking very different paths in life.

Wavering stayed with Motorola. In the 1950's he helped change the automobile experience again when he developed the first automotive alternator, replacing inefficient and unreliable generators. The invention lead to such luxuries as power windows, power seats, and, eventually, air-conditioning.

Lear also continued inventing. He holds more than 150 patents. Remember eight-track tape players? Lear invented that. But what he's really famous for are his contributions to the field of aviation. He invented radio direction finders for planes, aided in the invention of the autopilot, designed the first fully automatic aircraft landing system, and in 1963 introduced his most famous invention of all, the Lear Jet, the world's first mass-produced, affordable business jet. (Not bad for a guy who dropped out of school after the eighth grade.)

Sometimes it is fun to find out how some of the many things that we take for granted actually came into being! And it all started with a woman's suggestion!

A Little Ham Humor

"Electricity originates inside clouds. There, it forms into lightning, which is attracted to the Earth by golfers. After entering the ground, the electricity hardens into coal, which, when dug up by power companies and burned in big ovens called 'generators,' turns back into electricity...where it is transformed by TV sets into commercials for beer, which passes through the consumers and back into the ground, thus completing what is known as a "circuit"Dave Barry

Three brothers ages 92, 94, and 96 live in a house together. One night the 96 year old draws a bath. He puts his foot in and pauses. He yells down the stairs and says "Was I getting in or out?"

The 94 year old yells back "I don't know. I'll come up and see." He starts up the stairs and pauses. Then he yells, "Was I going up the stairs or down?"

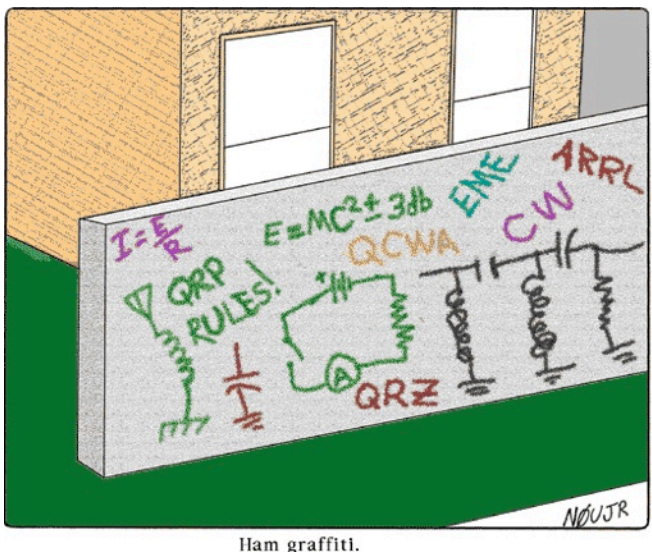
The 92 year old HAM is sitting in front of his HF rig and listening to his brothers. He shakes his head, picks up the mic and says "I sure hope I never get that forgetful." He knocks on wood for good measure. He then yells into the mic, "I'll come up and help both of you as soon as I see.... who's at the door. "OVER"

Reward Offered

A reward of 500 microfarads is offered for information leading to the arrest of the desperate criminal Hop-A-Long Capacity. This unrectified criminal escaped from a primary cell where he had been clamped in ions, awaiting the gauss chamber. He is charged with the induction of an 18 turn coil named Millihenry, who was found choked and robbed of valuable joules. He is armed with a carbon rod and is a potential killer. Capacity is also charged with driving a dc motor over a Wheatstone bridge and refusing to let the band pass. If encountered, he may offer resistance. The electro-motive force spent the night searching for him in a magnetic field, where he went to ground. They had no success and believe he returned ohm via a short circuit. He was last seen riding a megacycle with his friend Eddy Current, who was playing a harmonic.

How did the Viking army send secret messages? Norse code!!!

THE MORSE CODE: When you rearrange the letters: HERE COME DOTS



Ham graffiti!




"No Greg went to the ham auction this afternoon, to get rid of a couple old radios that were cluttering up the place...Oh I think I hear him pulling in now!"

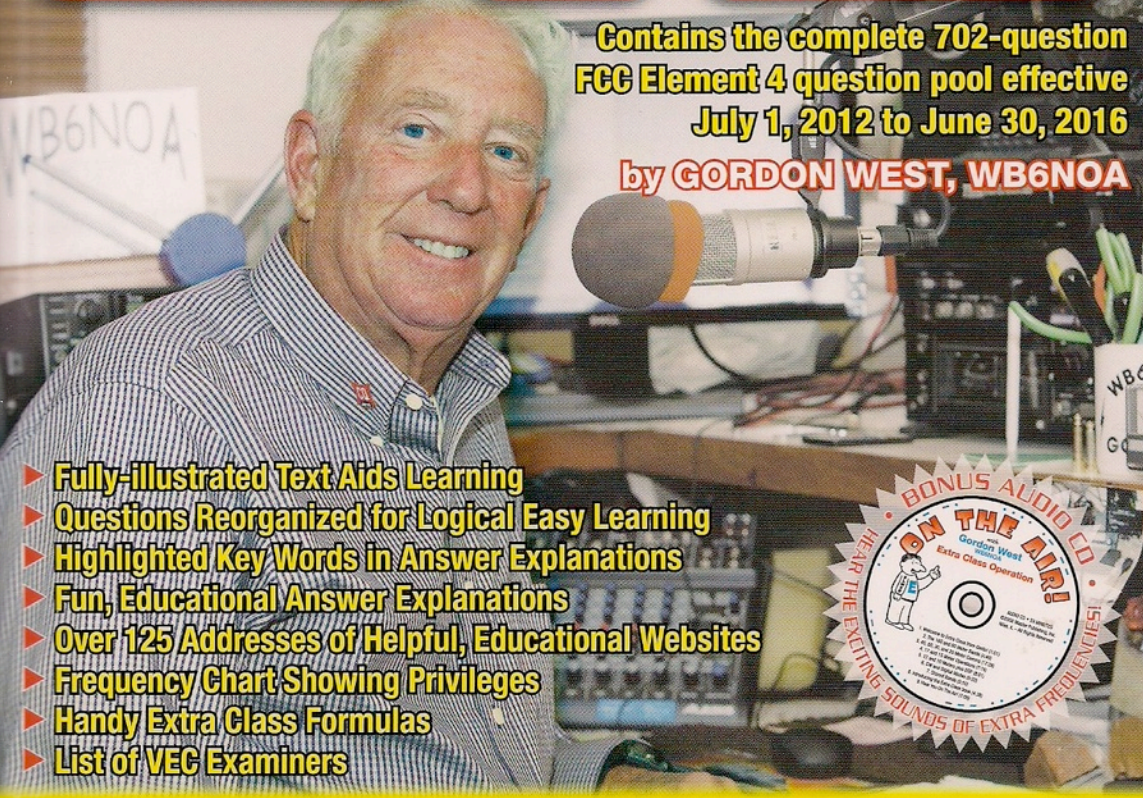
This Editor wishes to thank Gordon West, WB6NOA for using two of my photos for the front cover of his new "Extra Class" License Class Preparation Book. Note the small center photo showing Shari, K6AVW standing next to her VW Bus, and myself at the HF Radio with microphone in hand. I strongly urge you to buy this book if you are planning on an upgrade to Extra Class!! Go to: www.w5yi.org or call the W5YI Group at 1-800-669-9594.

EXTRA CLASS


FCC Element 4 Amateur Radio License Preparation



**Contains the complete 702-question
FCC Element 4 question pool effective
July 1, 2012 to June 30, 2016
by GORDON WEST, WB6NOA**



- ▶ Fully-illustrated Text Aids Learning
- ▶ Questions Reorganized for Logical Easy Learning
- ▶ Highlighted Key Words in Answer Explanations
- ▶ Fun, Educational Answer Explanations
- ▶ Over 125 Addresses of Helpful, Educational Websites
- ▶ Frequency Chart Showing Privileges
- ▶ Handy Extra Class Formulas
- ▶ List of VEC Examiners



Includes BONUS COUPONS!
FREE CQ MAGAZINE TRIAL SUBSCRIPTION
FREE BOOK WITH ARRL MEMBERSHIP

