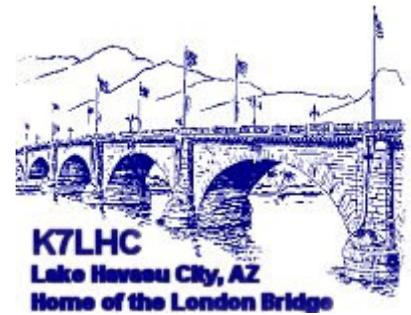


STATIC



FEBRUARY, 2005

HAM RADIO IN THE YEARS AFTER WW2

Jim Varner, AE6N (formerly W6AQB)

Amateur radio in the period right after World War 2 was quite different from what it is today. The regulations and equipment were pretty much the same as it had been before the war. I became interested in ham radio in 1945 but it wasn't until 1947 that I was able to pass the 13 words per minute code test. The following paragraphs describe some of the regulation that existed during those years. If you are interested in the history of ham radio the book **Two Hundred meters and Down** by Clinton DeSoto is the best I have read.

The war ended in August 1945 and the government was slow in returning operating privileges to the amateurs. During the war few if any ham licenses were issued. I remember reading an article that a ham operator license could be issued, but not station license. The operator license and station license were two separate licenses.

The biggest obstacle in obtaining a ham license was passing the 13 words per minute Morse code test. The second biggest obstacle was getting to a FCC office to take the exam. Since the exams were graded in Washington, D.C. after a person took the exam, it would take two or three months to find out if you passed or failed.

There were three classes of licenses: Class A, B, and C. The B and C license had the same operating privileges. The only difference being that if a person lived over 125 miles from an examination office he could take the class C exam under certain conditions. Persons with a class C license would have to take the class B exam at the first possible chance. The Class A license would be issued to a ham that held a Class B license for one year and passed an advanced theory examination. The Class A license gave the operator privileges on 20 and 75 meters. There was no phone operation on 40 meters. Forty meters as one of the last bands to be returned to hams after WW2 and it was all CW. The last high frequency band returned to amateurs was 160 meters.

If a person moved from one call district to another he had to apply for a new station license, which resulted in new call letters. A person operating portable had to notify the FCC of his operation. Mobile operation was restricted to 10 meters and the higher frequencies. Logs were required for all operations.

To renew your license a ham would have to certify that he maintains his code proficiency by having made a CW contact in the last six months before the expiration of his license. The government considered hams as a pool of trained radio operators, which could be called upon in the time of an emergency. Certainly this was the case in WW2. One could enlist in the Navy Reserves in an advanced pay grade if he held a ham license. There was the W.E.R.S. (War Emergency Radio Service) that was the predecessor to RACES. In 1950 I started to enlist in the Navy Reserves and then North Korea changed my mind.

LBARA MEETING SCHEDULE

MONTH	BOARD	REGULAR
February	2/15	2/17
March	3/15	3/17
April	4/19	4/21
May	5/17	5/19

K0BG's Mobile Radio Website

This site is dedicated to the mobile amateur radio operator who truly enjoys the challenge. Whether you are into HF, or VHF/UHF operation, old-timer or newbie alike, the information presented herein will ease the problems you may encounter, and thus increase your enjoyment of our great hobby. There are articles on noise and RFI abatement, bonding, wiring and fuses, antennas and antenna mounting, impedance matching, and much more. Try it at www.k0bg.com.

FEBRUARY'S PROGRAM:

LEARN ALL YOU WANTED TO KNOW ABOUT CONTESTING

Dick Zalewski (W7ZR) is a well respected Contester and over the past 30 years has earned many first-place awards for his efforts. He will introduce you to world of contesting and how you can improve your operating abilities, your station set-up and have a barrel of fun doing it. Be there and see what he has to share.

Monday Night Net (7 PM)

System	Location	Freq	Offset	PL
MCARS	Bullhead City	145.27	-	131.8
	Kingman	146.76	-	131.8
	Kingman	448.25	-	131.8
	Lake Havasu	146.61	-	131.8
	Willow Beach	147.12	-	131.8
CRRRA	Lake Havasu City	146.96	-	162.2
	Lake Havasu City	224.24	-	156.7
	Lake Havasu City	449.95	-	141.3
BARN	Lake Havasu City	447.54	-	136.5
	Las Vegas, NV	449.95		136.5
	Onyx(Palm Springs)	449.34	-	136.5
	Orange County, CA	447.54	-	100

WEIRD FACTS

- No piece of paper can be folded in half more than 7 times.
- Donkeys kill more people annually than plane crashes.
- American Airlines saved \$40,000 in 1987 by eliminating 1 olive from each salad served in first-class.
- Marilyn Monroe had six toes.
- Michael Jordan makes more money from Nike annually than all of the Nike factory workers in Malaysia combined.

What's In It For Me?



Amateur radio is interesting an interesting pursuit. Perhaps you think of it as hobby or perhaps a service, but either way it has a lot to offer most amateurs. Is there par- ticular part of amateur radio that interests you the most?

Rightly or wrongly I separate amateur radio into three general categories. The first is HF, the second is UHF/VHF and the third is microwave. This has nothing to do with license class, but more to do with areas of interest. Within each of these general categories there are many sub-categories. Some people only like UHF/VHF single side band while others operate only HF CW or only HF QRP. There are modes that cross from one general category into another such as digital. You can operate digital on HF, UHF as well as VHF (perhaps microwave as well).

To some the fun isn't the mode as much as it is the antenna. They like to build their own antenna to show the 'experts' how it should be done or at least how it could be done. Speaking of building their own, there are a number of amateurs that like to build their own radios. Now some of these people use kits while some use old radios and rebuild them and a few even start from scratch and build their own radios from the ground up.

There are all kinds of new modes that combine radio and the Internet and/or radio and computers. And let us not forget the amateur satellites. Then branching out a little past radio there are several flavors of amateur television.

I know I've only touched the high spots, but my question is what amateur radio related things do you like to do? How often do you operate? Are there aspects of amateur radio that you would like to know more about? Over the next few months, I'd like to hear from some of you on this subject and get your views and opinions. Send me an e-mail if you like or talk to me on the radio the next time you hear me on the air. I suppose you could even call me on the telephone.

Looking forward to hearing from you.

73 de N6BRH (Bruce)

DICK JERNIGAN FEATURED IN CQ MAGAZINE ARTICLE

“Hams Rough it in Style at Quartzfest”, an article by Gordon West, WB6NOA, in the January, 2005 issue of CQ Magazine contains a reference (page 14) to our own Dick Jernigan. The topic, “Sharing Technology” begins: “Throughout the week, all of the RV ham operators were doing something to demo new and exciting technology in their RVs. I saw a terrific APRS (Automatic Position Reporting System) tracker from Havacomm, developed by Dick Jernigan, W7DXJ. The device combines a GPS (Global Positioning System) receiver and a ting Trak 3 converter into a single package that gathers GPS data and converts it to packets of position information (see www.havacomm.com).” Congratulations Dick.

NOW YOUR KNOW THE REST OF THE STORY

An elderly lady phoned her telephone company to report that her telephone failed to ring when her friends called - and that on the few occasions when it did ring, her pet dog always moaned right before the phone rang. The telephone repairman proceeded to the scene, curious to see this psychic dog or senile elderly lady. He climbed a nearby telephone pole, hooked in his test set, and dialed the subscriber's house. The phone didn't ring right away, but then the dog moaned loudly and the telephone began to ring.

Climbing down from the pole, the telephone repairman found:

- The dog was tied to the telephone system's ground wire via a steel a chain and collar.
- The wire connection to the ground rod was loose.
- The dog was receiving 90 volts of signaling current when the phone number was called.

After a couple of such jolts, the dog would start moaning and then urinate on himself and the ground. The wet ground would complete the circuit, thus causing the phone to ring.

Which demonstrates that some problems can be fixed by pissing and moaning.

Jim Jarvis (N2EA)

Amateur Radio Emergency Communications Course Registration

Registration for the ARRL Amateur Radio Emergency Communications Level II on-line course (EC-002) opens Monday, February 14, at 1201 AM EST and will remain open until all available seats have been filled or through the February 19-20 weekend--whichever comes first. Class begins Friday, March 4. **THIS IS THE FINAL YEAR OF GRANT-SUBSIDIZED CLASSES!** Thanks to our grant sponsors--the Corporation for National and Community Service and the United Technologies Corporation--the \$45 registration fee paid upon enrollment will be reimbursed after successful completion of the course. Radio amateurs 55 and up are strongly encouraged to participate. During this registration period, seats are being offered to ARRL members on a first-come, first-served basis. To learn more, visit the ARRL Certification and Continuing Education Web page <http://www.arrl.org/cce>. For more information, contact Emergency Communications Course Manager Dan Miller, K3UFG, cce@arrl.org; 860-594-0340

UPCOMING ACTIVITIES AND HAMFESTS

Yuma ARC Hamfest – February 19, 2005 at the Yuma Arizona Fairgrounds

West Valley ARC Big Equipment Auction - February 7 at the St. Clement Parish Hall, 15800 Del Webb Blvd, Sun City, AZ (623.975.0646 for details)

Scottsdale Spring Hamfest - March 12, Scottsdale Community College

Williams ARRL State Convention – July 7-10, 2005, Williams Arizona

Kingman Fallfest - September 17, 7 a.m., Mohave Community College parking lot, Kingman, AZ. This is the 13th annual Hamfest sponsored by the Hualapai ARC. Contact Bill Beaman (KA0IYS), 928.758.6780 or email <train@citlink.net>

FOR SALE/TRADE

ALINCO DX77 MOBILE TRANSCEIVER - 100 w, 166-6m, CW filter, Removable Face Plate, Jim Varner, AE6N, 680.7259

TS—140S - 160-10m, good condition. Used daily, but down-sizing rig for more desk place. Includes shipping box and manual. Asking \$225. Also have converted typewriter to send code for practice, \$15; Radio Shack SWR meter, never used, \$15; DSI Frequency Counter, 50-550 mhz, \$15. Call Ted Taft, WA7WBM, 680.1245

ICOM 2800H - Dual Band Mobile with mounting bracket for face plate, excellent condition. Contact Ray Jones, N7KRD for details

NOTICE TO SELLERS

I often do not know when one of your items is sold and cannot remove it from the **STATIC**. Therefore, I will keep running your ad for 60 days and then drop it from the latest issue unless I hear from you requesting that the ad continue to run. Please keep in touch with me.

I urge you to use the **STATIC** to help you clean up your shack. Not only do Club members see your ad, but it is also printed on our Website <www.lbara.com> and the **STATIC** is mailed to various clubs around the state.

We now also offer you the ability to add pictures with your ad. Just email me your digital picture along with your text and it's done. We're your local eBay!

Email or phone your requests to the Editor: Jerry France at grf@unneedspeed.net or 855.7941. It's that simple.

LBARA EMERGENCY TRAILER UPDATE

Dick Jernigan, W7DXJ, and his crew have been working hard on the Club's new emergency communications trailer. They most recently finished the antenna systems and related cabling. Pictured here is the antenna mount for the vhf bands. This custom designed mounting bracket holds five antennas and has room for 4 more. The antennas on this mounting bracket include 800 mhz police, marine, 154 mhz, 150 mhz, 158 mhz, and various ham vhf-uhf frequencies. The HF mount is on the rear of the trailer.

The Club owes these members a debt of gratitude for all the work they've done so far. Thanks to Dick (W7DXJ), Reiner (KD5MBA), Lyle (K7YQ), Victor (KC7QEK), Bruce (N6BRH), Vern (N7HVK), and Randy (KE7BMU).

Stay tuned to this station as construction proceeds.



TEN COMMANDMENTS OF REPEATER OPERATING TECHNIQUES

1. **FIND** a repeater using a repeater directory. Avoid "Kerchunking"
2. **LISTEN**. Familiarize yourself with its operating procedures
3. **TRANSMIT** "(your call-sign) Monitoring" is all that needed to attract someone's attention. Don't call CQ on repeaters.
4. To **JOIN** a conversation in progress, transmit your call-sign between transmissions. Don't use "break" unless it's an emergency.
5. **BE COURTEOUS**. Acknowledge all stations wishing to use the repeater. Invite him or her to join in or make a short call to another station that may be monitoring the frequency.
6. **PAUSE** between transmissions to allow others to join in. Wait for the courtesy "Beep".
7. **BREVITY**. Keep transmissions short. This permits more people to use the repeater.
8. Always **IDENTIFY** at end of each series of transmissions or every 10 minutes. You do not need to transmit any other stations call-sign. Just yours.
9. Use **SIMPLEX** whenever possible. Adhere to the band plan.
10. **SUPPORT** your local repeater groups.

Clark County Amateur Radio Club, Inc.

LBARA NEEDS A FEW GOOD MEN...AND WOMEN!

The annual March of Dimes **WALK AMERICA** will be held February 26, 2005 with hundreds of walkers making the trek through Lake Havasu City. They have always counted on the LBARA to provide emergency communication throughout the Walk America route...and this year is no different. Please do your bit and volunteer to help with this worthwhile event. If you're interested, please give Bruce Hunt (N6BRA) a call at 453.1946.

FROM THE EDITOR

I would like to apologize for this very late issue (and December's too). I will strive to get future issues out to you before the general meeting each month, if at all possible.

If you have anything you would like to see included in these issues, please let me know. I'm always looking for articles, news items, construction articles, or anything that might be of interest to our readers. You can contact me at 928.855.7941 or email at grf@unedspeed.net or francej@ajsinsurance.com.

LBARA OFFICERS AND DIRECTORS

Bruce Hunt	President
Jerry France	Vice-President
Bill Carrao	Treasurer
Anita Hansen	Secretary
Dick Jernigan	Director (1 YR)
Mike Burson	Director (1 YR)
Jim Gould	Director (2 YR)
Reiner Schick	Director (2 YR)
John Hunter	Sgt-at-Arms
Dave Holm	Web Master
Jerry France	Static Editor

MORE WEIRD FACTS

Mosquito repellents don't repel. They hide you.. The spray blocks the mosquito's sensors so they don't know you're there.

Dentists have recommended that a toothbrush be kept at least 6 feet away from a toilet to avoid air-borne particles resulting from the flush.

The liquid inside young coconuts can be used as substitute for blood plasma.

You burn more calories sleeping than you do watching television.

Most dust particles in your house are made from dead skin.

WARNING! WARNING! WARNING! WARNING! WARNING!

REMEMBER TO WEAR A NAME BADGE AT THE MEETING OR SUFFER THE WRATH OF THE SGT-AT-ARMS AND THE ACCOMPANYING FINE!

L.B.A.R.A
P.O. BOX 984
LAKE HAVASU CITY
ARIZONA 86405

STATIC

ATTENTION READERS

Please note that this issue represents a “work-in-progress” and there are a number of changes to be made in subsequent issues. I would greatly appreciate your comments, both good and bad, as well as any suggestions for future issues. This issue also begins our first attempt to deliver the **STATIC** to your doorstep electronically. Please keep me abreast of any email address changes you may have and I promise to have this delivered promptly and accurately. Also, I still have a number of articles awaiting publication and will do so in the future. This is your newsletter, so keep the articles, letters, and pictures coming. I can be reached at home (855.7941), at work (855.3081) or via email at grf@uneedspeed.net .

EQUIPMENT FOR SALE

EDITOR'S NOTE: List your items for sale here. Ham radio related only, please. Include a picture if you like (please use a jpg format). Email all to me at grf@uneedspeed.net along with your name and phone number.

