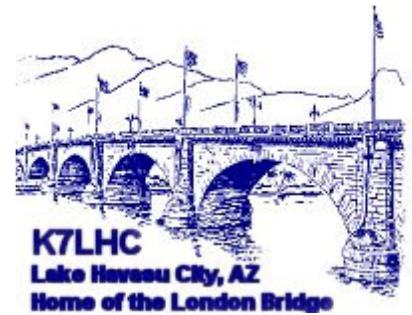


STATIC



APRIL, 2005

WE HAVE A NEW SECTION MANAGER

I would like to introduce myself to anyone that does not know me. My name is Tom Fagan, WB7NXH. As of April 1st 2005, I am your new Section Manager.

First off I would like to thank Cliff for 12 years of being our Section Manager. He did a fantastic job. Over the last few months I have been working with Cliff learning all of the aspects of being Section Manager.

There have been a few other organizational changes here in the Arizona Section:

Assistant Section Manger: Cliff Hauser KD6XH is now an ASM.

Affiliated Club Coordinator: Mary Ahls W4NZJ is the new ACC effective February 15th. Mary was the ACC for Georgia Section for the last two year and takes over from Bruce Makas K1MY.

Section Emergency Coordinator: Rick Aldom W7STS took over for me as SEC effective January 1st.

Technical Coordinator: Larry Brown W7LB takes over for me as TC, effective April 1st.

District Emergency Coordinator: Cris McBride KB7QXQ has taken over as DEC for Navajo County replacing David Epley, N9CZV. Robert Sidebottom K0LQB has taken over as DEC for Yuma County replacing George C. Scott III K7YMA.

Webmaster: Luis Martinez KD7GMK took over the QSL.net ARRL Arizona webpage from me effective January 1st.



LBARA MEETING SCHEDULE

MONTH	BOARD	REGULAR
April	4/19	4/21
May	5/17	5/19
June-July-August	No Meeting	No Meeting
September	9/13	9/15
October	10/18	10/20

APRIL'S PROGRAM:

The staff of Red River Internet will be this month's featured speakers. Lisa Hewus, Chief of Operations, Dave Holligan, Director of Wireless Service, and Andrew Fresh, Network Administrator will be here to answer your questions on:

The Internet

Internet Wireless

Spam Protection

Virus Protection

Firewalls

And more

Skywarn Spotter Training

It was announced on the ARES net that there will be a training class for new and existing Skywarn Spotters in Kingman at the Library on June 18, 2005. I don't have any further information at this time, but will pass on any additional information on our weekly Monday Night Net as it becomes available.

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





We Need More Power

A couple of weeks ago it was my turn to do conduct the Thursday night ARES net (Thursdays, 1900 hours, LBARA Repeater-146.610). I barely got into the net script and I saw that my radio had shut off. I quickly tried to determine the cause of the problem. It turned out to be a bad connection at my 12-volt power distribution strip. I was able to finish the net by holding the power strip connection together with one hand while I held the microphone and turned the pages of the net script with the other. I vowed to correct the problem just as soon as possible, but now the question was how.

I checked a number of web sites and it appeared that the amateur radio community, as well as many EM-COMM, ARES and RACES organizations seem too have standardized on Anderson Power Poles for DC power connectors (www.andersonpower.com). Several other companies have come up with interesting power distribution strips utilizing Anderson Power Pole connectors (www.mfjenterprises.com or www.westmountainradio.com). So what I have ordered is the unit manufactured by West Mountain Radio. A company in California that I am familiar with sells a kit that includes everything you need to do the installation (www.powerwerx.com). I'll tell you how the installation goes.

All of this proves a couple of things. You should test all of your radio equipment on a regular basis. One way to check out your radio is to check in to a UHF/VHF net regularly (we have one every Monday at 1900 hours). Our net is conducted on several different frequencies and bands, so try a different frequency/band each week. If you have HF privileges check in to a HF net regularly as well. Also if you are considering changing your home or mobile stations, I suggest you look into using Anderson Power Pole power connectors on every piece of equipment. If you have any questions, let me know.

See you at the meeting and hope to hear you on the net.

73 de N6BRH (Bruce)

YOUR BPL THOUGHT FOR THE DAY

A few weeks ago, President Bush said his administration is working toward universal, affordable broadband internet access by 2007. Great idea! A national policy that includes tax-free access and competition will open new highways of knowledge, spread innovations in education & medicine, and help keep us competitive in a global economy. Of the several ways to deliver broadband access, such as DSL, cable, wireless and satellite, only BPL is unworthy of a place in our national policy because, by polluting the RF spectrum, it destroys much more than it accomplishes.

WHAT IF?

Today, our frequency bands are segmented by operating mode. For example, in the 10 M band, General, Advanced and Extra class licensees are permitted to operate (97.305):

28.0-29.7 MHz - CW, RTTY & data (<1200 SPS; <1KHz shift)

28.3-29.0 MHz - CW, image and phone (M<1; max BW=AM)

29.0-29.7 MHz - CW, image and phone (max BW=AM)

What if our frequency bands were segmented by bandwidth? For example, in the 10M band:

28.0-28.1 MHz - min BW ---Hz; max BW 200Hz

28.1-28.3 MHz - min BW ---Hz; max BW 500Hz

28.3-29.0 MHz - min BW 500Hz; max BW 3KHz (AM phone 8KHz)

29.0-29.7 MHz - min BW 500Hz; max BW 8KHz

What does this accomplish? Well, for today's usage, there's not much change. But with the advent of emerging new modes, such as MT-63 and digital voice, it's made clear what part of the band they would operate in, (or would not operate in) without having to ask FCC to clarify Part 97 for each new mode that comes along. Of course, band usage plans and gentlemen's agreements still would be necessary.

AND WHAT IF?

The long-standing method for handling long-haul health & welfare (H&W) messages via Amateur Radio has been to use liaison points between the Amateur Radio Emergency Service (ARES) and the National Traffic System (NTS). Each year, the Simulated Emergency Test (SET) tests the effectiveness of this liaison what if ARES had a built-in capability to handle long-haul H&W messages in support of served agencies? Would this represent a more seamless approach? What if ARES organizations all adopted a common message system, such as WINLINK, to handle long-haul messages? If you have thoughts on this topic, please be sure to contact your Section Manager and/or your Section Emergency coordinator. Contact info for these ARRL officials can be found on your Section website.

UPCOMING ACTIVITIES AND HAMFESTS

CARA Spring Hamfest - May 1, 2005 at Green Acres Club Site, Moson Rd, Sierra Vista, AZ. See <www.qsl.net/k7rdg/Hamfest2004.htm>

White Mountain Hamfest, June 4 & 5, see <www.whitemtnhamfest.com> for details

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

Santa Maria SwapFest - sponsored by the Satellite ARC. See <www.satellitearc.com/swapfest2004.htm> for details

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>

ARRL Southwest Division Convention - "The Best In The West", Aug27-29 at the Wild Horse Pass Resort & Spa, Phoenix, AZ. Featured will be Dave Sumner, K1ZZ, ARRL CEO, will be discussing the future of amateur radio. See: <www.hamradio2004.com/swdc2004/>

FOR SALE/TRADE

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

MISC - 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 28H - 2m, 45/5w, with original manual and mike. \$120. Call Dick Zalewski, W7ZR, 505.5489 or <w7zr@citlink.net>

KENWOOD TM-241A TRANSCEIVER - 2m, w/Astron 35A Power Supply, 2 Larson antenna (mobile and base). Package only. \$150 Bob Parker, KI7LO, 680.4841.

TUBES WANTED - have acquired an old BC-610 E World War 2 transmitter. Looking for a 250TH and 100TH (2 needed) tubes. If you have or know some with these tubes, please call me at 605.722.1226 in Spearfish, S.D. Bob Weaver, K0GZL at <rhweaver@rushmore.com>

Surfin': Repeater Help Online

By Stan Horzepa, WA1LOU

QST Contributing Editor



The [Repeater Builders Technical Information Page](http://www.repeater-builder.com/rbtip/) is a great resource for hams with repeaters. See the web site at: www.repeater-builder.com/rbtip/

Kevin Custer, W3KKC, put together [The Repeater Builders Technical Information Page](http://www.repeater-builder.com/rbtip/) to help other people build and maintain their repeaters. The site deals mainly with various Motorola®, and GE® Mobile modifications for duplex repeater operation, however, every repeater builder and tinkerer will find useful information on this Web site.

The Web site covers repeater transmitters, receivers, power supplies, control circuits, antennas, duplexers, circulators, isolators, feedlines and even repeater site topics. If you cannot find what you are looking for on the site, you can try the repeater builders' e-mail list server.

There are lots of neat useful things on this site like a "Repeater Builders Check List," which is a reference list for acquiring parts to build a repeater; "Repeaterisms," audio tracks by a professional radio announcer narrating good repeater operating practices/procedures; and an RF Safety Calculator to determine RF power density.

Thank you Mike Morris WA6ILQ, for suggesting this week's Web site. Until next week, keep on surfen'.

Editor' note: Stan Horzepa, WA1LOU, looked it up and discovered that he made his first repeater contact via 450-MHz almost 33 years ago using a Motorola boat anchor. To discuss the good old days when you logged everything, [e-mail Stan](mailto:stan@horzepa.com).

WEIRD FACTS

- The first product to have a bar code was Wrigley's gum.
- A Boeing 747's wingspan is longer than the Wright brother's first flight.
- A duck's quack doesn't echo and no one knows why.
- Turtles can breathe through their butts.
- On average, 100 people choke to death on ball-point pens every year.

FROM THE EDITOR

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

- On average people fear spiders more than they do death.
- Elephants are the only animals that can't jump.
- Women blink nearly twice as much as men.
- It's physically impossible for you to lick your elbow.
- Richard Millhouse Nixon was the first US president whose name contains all the letters from the word "criminal." The second was William Jefferson Clinton.
- A snail can sleep for three years.

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.

