

STATIC



January, 2007

YOUR FCC HAS BEEN BUSY!

OMNIBUS AMATEUR REPORT AND ORDER

Effective December 14, 2006 the ARLB027 "Ominbus" Amateur Radio Report and Order created a number of major changes in amateur radio regulation. Included in these changes are:

75 Meter Phone Band - Extra class hams can now operated phone down to 3600 kHz, Advanced Class down to 3700 kHz and General Class down to 3800 kHz.

40 Meter Phone Band - Extra and Advanced licensees may now operate phone beginning at 7125 khz. Generals may now operate 7175 kHz and above.

20 Meters - no change

15 Meters - General Class hams may now operate above 21275 kHz

10 Meters - Novice and Tech Plus may now operate CW/RTTY/Digital from 28000 to 28300 kHz

FCC TO DROP MORSE TESTING FOR ALL AMATEUR LICENSE CLASSES

In an historic move, the FCC has acted to drop the Morse code requirement for *all* Amateur Radio license classes. The Commission adopted the long-awaited *Report and Order (R&O)* in WT Docket 05-235, the "Morse code" proceeding, and released it December 19. The FCC *R&O* also includes an *Order on Reconsideration* in WT Docket 04-140 -- the "omnibus" proceeding. It will modify the Amateur Service rules in response to ARRL's request to accommodate automatically controlled narrowband digital stations on 80 meters in the wake of rule changes that became effective December 15. The Commission designated the 3585 to 3600 kHz frequency segment for such operations, although the segment will remain available for CW, RTTY and data. *The effective date of the FCC's R&O will be 30 days after publication in the Federal Register -- most likely in February.* Currently, Amateur Radio applicants must pass a 5 WPM Morse code test to operate on HF. The FCC's action will eliminate that requirement all around. (also see page 5 for some upgrade info....ed.)

LBARA MEETING SCHEDULE

MONTH	BOARD	REGULAR
JANUARY	NOTE: BOARD	1/18
FEBRUARY	MEETINGS WILL NOW	2/15
MARCH	TAKE PLACE ONE	3/15
APRIL	HOUR PRIOR TO THE	4/19
MAY	REGULAR MEETING	5/17

Sharon Gould—SK

Sharon Gould, KA7SIG, beloved wife of Jim Gould, passed away on 1/5/2007. Sharon was active in LBARA and will be missed. Rest in peace Sharon.



ECOM TRAILER WORK CONTINUES

On January 9th, the new HF antenna was finally installed and power was routed to the HF radio. Lyle Sibbald, K7YQ, Reiner Schick, KD5MBA, Bob Gilbertson K6BBB, and Dick Jernigan, W7DXJ braved the cold to work!

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	146.62	-	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	146.64	-	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



10 Ways to Optimize Your Effectiveness in Public Service Events

by Willam L. Continelli, AB2CA

- 1) Make sure your radio is in top operating condition. Small problems (such as loose antenna connections, bad microphones, intermittent operation, etc.) may be just annoying during casual operation, but WILL cause major grief under the continuous/severe service of net/emergency operation. If your radio's not in 100% top shape, buy, beg, or borrow one.
- 2) Don't operate your handheld with it hanging on your belt. Using the radio while it's strapped to your waist reduces your effective radiated power by more than 10 dB. That's a 90% reduction in power! Hold the radio in your hand, with the antenna in the clear.
- 3) Regarding antennas, those 3" rubber dummy loads may be cute, but you're throwing away 3-6 dB of power when using one. (If you're REALLY into math, compute the loss of a 3" rubber dummy load used on a beltclip). A telescoping half-wave has a gain of as much as 10 dB over a 3" rubber duck and a quarter-wave provides a 4-6 dB improvement. Even a 12-15" rubber duck will boost your signal by 3-6 dB over the 3" ones. Remember that one dB can mean the difference in whether or not a critical message gets through.
- 4) Have charged batteries and spare battery packs! If you also have a dry cell battery case, fill it with alkaline batteries. Make sure you have enough batteries with you to carry you through, even on high power.
- 5) Use headphones or an earphone rather than a speaker/mike. Most earphones will plug directly into your HT. Low cost stereo headphones are widely available and will work perfectly with your HT using a mono to stereo adapter. The headphones also have the advantage of concentrating the communications in your ears, while partially shutting out the outside noise. Headphones will also prolong battery life by allowing the radio to operate at lower audio output. A speaker/mike is the worst thing you can use—it doesn't cut the outside noise, it doesn't save batteries, and where is that HT while you're using the speaker/mike?? (Hint—see #2!)
- 6) Speak slowly and clearly when transmitting! You may take pride in your ability to run your words together and mumble, but the station on the other end may be in a noisy environment and may not receive your message.
- 7) Check out your ability to use simplex. Even if the operation is being conducted on a repeater, there may be "dead spots", the repeater may go down, or, sad to say, there may be jamming. Even if you can only work the 2 or 3 stations closest to you, a message can still be relayed. To maximize your simplex range, please reread #2 and #3.
- 8) Listen to net control and direct all communication through him/her. Identify your station when calling net control and keep all communications direct and to the point.
- 9) If you must leave the radio or the area to which you have been assigned, first seek permission and acknowledgement from the net control station, make your "time off" as short as possible, and check back in with NCS immediately upon your return.
- 10) Project a good image to the non-hams around you that are part of the event/emergency. This means acting professionally, using basic hygiene skills, etc.

Tnx to the Schenectady Museum Amateur Radio Association' newsletter: [RF Musings](#)

The ARES Organization

I would like to discuss ARES. ARES is one of the many acronyms the amateur radio service has created. ARES is the acronym for Amateur Radio Emergency Service. ARES is a group of Amateur Radio Operators organized primarily emergency communications. Of course they can do more than just emergency communications, they can assist with communications for all kinds of community events.

The basic ARES organization and how it works is that there is a local ARES group, typically the town level. In large cities, the city may be separated into multiple geographic areas or by area of interest. The local group(s) reports to the EC (Emergency Coordinator). The EC works with the DEC (District Emergency Coordinator). The DEC would typically be at a county level. If the EC for one area needed additional resources for an event or emergency, they would contact the DEC to request additional resources. The DEC would contact a neighboring EC and get the necessary resources if the emergency was local and reasonably isolated. If the emergency were more widespread the DEC might have to go to the SEC (Section Emergency Coordinator) to request additional resources. This chain of command and support is very effective as it keeps the people with the local knowledge in the loop.

If you are interested in emergency communications, you should contact your local EC to get information about ARES and joining the local ARES organization. Additionally you can sign up on the Arizona ARES website, which is:

<https://www.az-arrrl.org/secure>

For additional information on ARES, contact the following:

For Lake Havasu, contact Bruce Hunt (N6BRH) at 928-453-1946

For Kingman, contact Bruce Dumke (KD7CYO) at 928-692-5440

For Bullhead City, the position is open.

For Mohave County, the position is open.

If you have any questions, contact Bruce Hunt (N6BRH) at 928-453-1946.

73 de N6BRH (Bruce)

n6brh@arrrl.net

HILLARD KOLZAK - SK

Cliff, W7IRC, sadly reports that Hillard Kolzak, WA9OAC, passed away December 6, 2006. Hillard was a very active member of LBARA before moving to Sun City West, AZ. Rest in Peace Hillard.

HOME OF THE RATTLESNAKE RADIO NETWORK

Take a look at the new W7DXJ home page. Dick Jernigan, W7DXJ has created a new web site. It contains some great links, scanner frequencies, weather. Take a look.

<http://www.w7dxj.com/>

UPCOMING ACTIVITIES AND HAMFESTS

January 21—272007 QUARTZSITE HAMFEST - The ultimate in RV hamfests. Visit their website at www.quartzfest.org/html/main.htm

February 5—ANNUAL HAM RADIO EQUIPMENT AUCTION - Sponsored by the West Valley Amateur Radio Club, St Clerments of Rome Social Hall, 15800 North Del Webb Blvd, Sun City, AZ www.qsl.net/wvarc

February 16-18—YUMA HAM EXPO - Yuma Amateur Radio Hamfest Organization, Yuma County Fairgrounds, 2520 East 32nd Street, Yuma. www.yumahamexpo.com

March 10—SPRINGFEST - sponsored by ACRA & Scottsdale ARC, Scottsdale Community College, 9400 East Chaparral Road, Scottsdale. <http://members.cox.net/sarc2007>

ARE YOU READY TO UPGRADE?

I know there are a few of you all excited at getting ready to upgrade as a result of the New FCC Changes in Amateur Radio Testing, but unfortunately it takes a little awhile before things can be implemented.

If you plan on upgrading as a result of the Morse Code being removed as a requirement, then you best wait for test until everything is in place or you will be wasting time & \$. The ARRL thinks everything will be in place sometime in February, when it is, we can set up a Test Session(s) accommodate your needs.

Feel free to e-mail or call me of your intentions. e-mail paradice@rraz.net or Phone Home 453-7412 - cell 706-1115 and I'll start preparing for the session.

Ed Gillespie

Chief Examiner, W5YI

FOR SALE/TRADE

FOR SALE BY LBARA

HALLICRAFTERS SB40 - WORKS, BUT NEEDS COSMETIC HELP. \$40

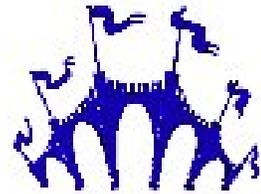
HEATHKIT MARAUDR - NEEDS WORK, PROBABLY FILTERS, TUBES, ETC. IT IS COSMETICALLY IN GOOD SHAPE AND WORTH RESTORING

ALINCO DX70 MOBILE TRANSCEIVER - 100 w, 166-6m, CW filter, Removable Face Plate, Jim Varner, AE6N, 680.7259

YAESU VX-6R - 144/220/440 handheld, new in the box, \$235, Jim Gould, KF7X, 680.7705



Take a look at the new amateur radio license plate!
 But we're still waiting for this to be available!



LBARA ONCE AGAIN PROVIDES COMMUNICATION FOR THE LONDON BRIDGE DAYS PARADE



HERE'S THE GANG ALL READY TO GO. OF COURSE THEY'RE ALWAYS UP THIS EARLY AND READY TO GO!



IT'S K6BBB/CAMEL MOBILE

A BIG THANK YOU TO:

- Victor Lopez (KC7QEK)
- Sharon Fisher (KC9CTX)
- Lee St Clair (W7AX)
- Bob Gilbertson (K6BBB)
- Garry Fisher (K9WZB)
- John Hunter (KK7CX)
- Dick Jernigan (W7DXJ)
- Bruce Hunt (N6BRH)
- Lyle Sibbald (K7YQ)
- Russ Nyblom (K7RUS)



SO GARY...
 HELPING OUT
 WITH YOUR
 RADIO OR
 JUST GIRL
 WATCHING
 DURING THE
 PARADE?

A VERY IMPORTANT NOTICE FROM YOUR SECTION MANAGER

Is your mailing address correct on your FCC license? The FCC has been canceling amateur radio licenses that have incorrect addresses. My staff and I have found many incorrect addresses this last week, better get those addresses updated. FCC part 97.23 Mailing address:

Each license grant must show the grantee's correct name and mailing address. The mailing address must be in an area where the amateur service is regulated by the FCC and where the grantee can receive mail delivery by the United States Postal Service.

Revocation of the station license or suspension of the operator license may result when correspondence from the FCC is returned as undeliverable because the grantee failed to provide the correct mailing address.

For more information go to the FCC website at:

http://wireless.fcc.gov/services/index.htm?job=cft&id=amateur&page=cft_change_address

73

Tom Fagan WB7NXH

ARRL Section Manager Arizona

THINGS YOU SHOULD KNOW BUT PROBABLY DON'T.....

Money isn't made out of paper, it's made out of cotton.

The Declaration of Independence was written on hemp paper.

A raisin dropped in a glass of fresh champagne will bounce up and down continuously from the bottom of the glass to the top.

Ketchup was sold in the 1830's as medicine.

Because metal was scarce, the Oscars given out during World War II were made of wood.

There are no words in the dictionary that rhyme with: orange, purple, and silver!

LBARA OFFICERS AND DIRECTORS

Cliff Baril	President
Bob Gilbertson	Vice-President
Reiner Schick	Treasurer
Sharon Fisher/Lyle Sibbald	Secretary
Dick Jernigan	Director (1 YR)
Mike Burson	Director (1 YR)
Jim Gould	Director (2 YR)
Bruce Hunt	Director (2 YR)
Russ Nyblom	Sgt-at-Arms
Dave Holm	Web Master
Jerry France	Static Editor

VISIT OUR WEBSITE

www.lbara.net

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@uneedspeed.net or francej@ajsinsurance.com.

L.B.A.R.A

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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.

