

CQ Chatter

Volume B1•Issue #11 Wood County Amateur Radio Club
P. O. Box 534, Bowling Green, OH 43402

APRIL 1999

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<http://bravais.bgsu.edu/~boughton/wcarc.html>

A Note from the Editor

Hooray for Riley Hollingsworth, K4ZDH. In case you haven't been following recent developments, the FCC has finally gotten serious about the scofflaws who inhabit the amateur bands (and some frequencies outside the ham bands). About nine months ago, the enforcement function was combined with the monitoring function so that immediate action could be taken against the bad actors that we have all heard on the air. Hollingsworth is in charge of amateur enforcement, and in the past 3 to 6 months he has been making a big difference.

Those lids who choose to disrupt net operations on 75 m and 20 m have found that they can no longer operate that way in anonymity. Hollingsworth even broke in one night on a particularly egregious group of lids on 75 m, read them the rules, and warned them to cease the illegal activity. His action seems to have done the trick.

Other problems that have been tackled head on either with warnings and suspensions with fines include the total abuse of a 2m repeater in the Bay Area, illegal "free band" operation in Texas, obscene and harassing language on 75 m in North Carolina, as well as license examination fraud in Pennsylvania. It is indeed refreshing to see that the FCC finally has regained its enforcement teeth. No long, drawn out procedural delays where the monitoring division turns it over to the enforcement division and amateur cases get shoved under the stack. Riley gets the job done in one fell swoop!

73 de Bob

**WCARC Weekly Net:
Tuesdays at 2130
147.18 & 444.475 MHz**

**Club Meeting:
Monday, April 12th
Social Hour @ 1900
Fairgrounds Club Room**

Correct Mobile Antenna Placement

reprinted from O.A.R.C. News

The Larsen Co., manufacturer of quality mobile and other antennas, publishes an antenna location information sheet in their product catalog. They consider ground plane availability, the antenna electrical length and the radiation pattern of each design.

Each antenna type (1/4 wave, 1/2 wave, 5/8 wave, etc.) has a very specific radiation pattern to be considered when selecting a mobile antenna. Larsen notes that "the signal radiating from a 1/4 wave antenna is directed more vertically, thus making it ideal in urban environments where buildings might obstruct the signal. The design of a 5 dB collinear mobile antenna is designed to direct the signal more towards the horizon. This type of antenna is ideal for geographically flat regions where the signal coverage is sparse."

Using a standard automobile, there are five possible general locations for mounting an

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FCC Warning Notices

Some recent FCC warnings this month:
 KC5WHN - out of band operation on the 27 MHz "free" band
 W4AMP, K4JMZ - deliberate interference and jamming on 75 m; coordinating on 2 m
 N9GOR - broadcasting and harassing other operators; indecent and profane language
 K5IJK - interfering with other licensed operators on 40 m
 KB9NVV - operating on 20 and 40 m with technician license only; using false call sign

Skywarn Training Sessions

In case you were not able to make it to the Wood County Skywarn training session last month, here is a schedule of training sessions in surrounding areas:

April 5 Hancock County 6:30 pm, at the Red Cross Building in Findlay

April 10 Seneca County 7:00 pm, at the Public Safety Building in Tiffin

Mobile Equipment Stolen!

Be on the lookout for a 2 meter mobile transceiver: Yaesu model CPU-2500. The owner is Jim Keen, WB8NYM, and he can be contacted with any information leading to the recovery of his equipment at 372-9377 or 353-7233.

Special Noise Canceling Earphones Available

The Bowling Green State University Information Technology Services Department (ITS) has announced the availability of special earphones that were invented by their staff. The recent success at changing over electronic mail servers did unfortunately lead to some customer complaints. The ITS staff decided that it would be a good idea to have noise canceling earphones so that customer complaints could be easily understood and acted upon.

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WCARC

Net Control Roster

Net meets every Tuesday at 2130

Mar 30	N8QMV
Apr 6	WD8ICP
Apr 13	KB8QEW
Apr 20	N1RB
Apr 27	N8QMV
May 4	WD8ICP
May 11	KB8QEW
May 18	N1RB

April Contests

The full contest line-up for the month of April includes the following:

Mar 27-28	0000 to 2359 UTC	all bands
	CQ WPX SSB Contest	
Apr 3-4	1500 to 2359 UTC	all bands
	Polish DX Contest-CW	
Apr 9-10	2300 to 2300 UTC	20 and 10m
	Japan International DX CW Contest	
Apr 10-11	1800 to 1800 UTC	80 to 10m
	King of Spain - all modes	
Apr 17	0000 to 2359 UTC	80 to 10m
	Australian Contest - all modes	
Apr 17-18	1800 to 1800 UTC	all bands
	Holy Land DX Contest - all modes	
Apr 17-19	1800 to 0200 UTC	all bands
	Michigan QSO Party - all modes	
	0300 to 1100 UTC	time off
Apr 17	1500 to 1859 UTC	80 to 20m
	European Spring Sprint - CW	
Apr 17-18	1200 to 1200 UTC	all bands
	YU DX Contest -CW	

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Apr 25-26 1300 to 1300 UTC all bands
Helvetica 26 (Switzerland) - all modes

Apr 24-25 1700 to 1659 UTC all bands
Nebraska QSO Party - all modes

Apr 25-26 1800 to 1800 UTC all bands
Ontario QSO Party - all modes

Apr 24-25 1600 to 2200 UTC 80 to 10m
Florida QSO Party - all modes
 0200 to 1200 UTC off time

May 1-2 1800 to 2100 UTC all bands
Massachusetts QSO Party - all modes
 0400 to 1100 UTC off time

May 2-3 2000 to 2000 UTC all bands
ARI (Italy) DX Contest - all modes

May 8-9 1400 to 0400 UTC all bands
Oregon QSO Party - all modes

May 8-9 2100 to 2100 UTC all bands
**CQ-M International DX (Russia) -
 all modes**

Pagers Available

A quantity of voice pagers is available to members of RACES/ARES at a small fraction of the original cost. The estimated total cost of the pager with crystals is \$35.00. This is a one-time charge and there is no monthly service fee. If you would like to be alerted to local emergency situations quickly, a pager fills the need ideally, and is a really good deal cost-wise. One of the objectives stated by the WCARC President, Larry Reitz, is to have all Wood County RACES/ARES participants equipped with pagers so that quick call ups can be made in time of emergency. For further information, please contact Larry, WA8CWD, at (419) 837-2202.

HF Rig For Sale

ICOM 725 all mode rig for sale
 very good condition
 contact: Earl (800) 716-4599
 pager: (419) 444-8686

Earphones - continued from page 2 -

Elmer Snerd, chief R&D vice-administrator for ITS hit upon the idea when an unruly mob broke down his office doors and smashed his computer to bits just because their e-mail wasn't working.

The noise canceling effect is surprisingly simple to achieve. Elmer took an old headset headband and removed the phones. He then (and this is the patented secret) replaced the phones with two specially obtained conical rubber objects that he got from the Chemistry Department. They had the notation "Universal Stopper Corp. #7" stamped on them. By placing one of the rubber objects in each ear, perfect noise canceling is achieved.

You too can have Elmer's latest model of the noise canceling earphones. Just call (419) 277-3665, or (419) APR-FOOL.

Antennas - continued from page 1 -

antenna: roof, front fender, rear fender, trunk and rear (or other) window glass. The center of the roof is always the best location for a mobile antenna. Using it as reference, here is a comparison of the other locations for different antenna mounts:

roof center (permanent)	0.0 dB
roof center (mag mount)	-0.2 dB
roof corner (mag mount)	-0.2 dB
trunk center (permanent)	-2.1 dB
trunk center (mag mount)	-2.8 dB
trunk lip (center)	-2.8 dB
trunk corner (mag mount)	-3.4 dB
hood corner (mag mount)	-2.4 dB
on-glass (upper window)	-0.5 dB
on-glass (middle height)	-1.2 dB
on-glass (lower window)	-3.0 dB

As you can see, the placement of your antenna and the way you mount it is critical. You can lose all the benefit of that "super" antenna by putting it in the wrong spot.

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