



## BUTTS COUNTY EMERGENCY COMMUNICATIONS AUXILIARY

Dedicated to serving the communities in and surrounding Butts County, working hand-in-hand with local and state governments, the Red Cross, and other non-profit community-service organizations.

# THE REPEATER

SEPTEMBER 2015



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## “NEWBIES” LEARN ABOUT AMATEUR RADIO

Our Second Annual Newbie Night was held August 13. There were five “Newbies” present to learn about repeaters, QSO etiquette, HTs, antennas, and just about everything else a new ham needs to know.

David (KK4SUO) and J.D. (KM4DHS). New hams from the two previous Ham-Crams were invited to attend this two-hour presentation which started at 7:00 PM and dismissed at 9:00 PM.



Newbie Night was created to help brand new hams get started buying their gear and understanding the protocols of communicating on 2 meters and 70 centimeters.

The faculty consisted of Buzz (K3GWK), Mike (AJ4GU) and Ed (WX4ED). The various subjects were divided amongst the three presenters who brought hand-outs, power points, radios, and lots of associated equipment for show-and-tell.

Other veterans present to serve as Elmers were Ken (KM4HOS), Elaine (KW4AQ),

New hams present were Charles (KM4MHO), Mark (KM4MHT), Anna (KM4MHS), Dennis (KM4MHW) and Brian (KM4MHQ).

Buzz (K3GWK), writing about our second Newbie Night said, “I believe it was a big success and we will gain several new members from the effort. We have already received three new club applications. When you hear these new folks on the air, be sure to say hello and invite them to a meeting of the “friendliest ham radio group” south of I-285.”

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### SAVE THE DATES

#### Sundays @ 5:30 PM

Weekly Butts County FM Training Net

#### Monday, Sept 14

Pre-meeting meal at Mesquite, 5:30  
Club Meeting, 7:00 PM, Fire Station #7

#### Saturday, Sept 19

Hungry Hams, 7:30 AM, Lunch Box Restaurant  
V.E. Session 9:00 AM  
Butts Co. Rec Center



**UPCOMING EVENTS CALENDAR**

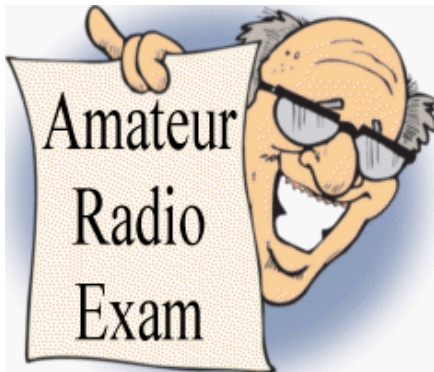


**SEPTEMBER**

- September 14** — Pre-meeting dinner and fellowship. Mesquite Grill, 5:30  
Monthly Club Meeting & Training. 7:00 PM. Fire Station #7  
NBEMS Refresher & SET Preparation
- September 15**— Newton County Club Meeting. NC Law Enforcement  
Center, 7:00 PM.
- September 19** — Hungry Hams, Lunch Box Restaurant, 7:30 AM  
V.E. Session, Butts County Rec Center, 9:00 AM
- September 26** — Newton County HamFest & V.E. Session  
Berry's Christmas Tree Farm, Covington

**OCTOBER**

- October 3** — ARRL Simulated Emergency Test (SET) Exercise
- October 5** — Pre-meeting dinner and fellowship. Mesquite Grill, 5:30  
Monthly Club Meeting & Training. 7:00 PM. Butts County Sheriff's Department
- October 17** — Hungry Hams, Lunch Box Restaurant, 7:30 AM
- October 20**— Newton County Club Meeting. NC Law Enforcement Center, 7:00 PM.



**Spalding County**

Saturday,  
September 12  
9:00 AM  
Spalding Regional  
Hospital  
601 South 8th Street  
Griffin, GA

**Butts County**

Saturday,  
September 19  
9:00 AM  
Butts County  
Recreation Center  
Ernest Biles Drive  
Jackson, GA

**Henry County**

Saturday,  
October 17  
9:00 AM  
Piedmont Henry  
Medical Center  
1133 Eagle's  
Landing Parkway  
Stockbridge, GA

**Huntsville Hamfest — August 16-17 — Huntsville, Alabama**

**Buzz (K3GWK), Mike (AJ4GU), & Dan (W4DED) attendees**



Dan & Bob Heil



Our guys with an Unnamed YL



Buzz & Bob Heil



Buzz, Dan & Mike





**FROM THE BACKCRE – BUZZ (K3GWK) Butts County Emergency Coordinator**

Where has the summer gone? Those of you who commute now have school buses to contend with; just one more thing to make Georgia traffic interesting. Like the old sarge used to say, "... just be careful out there."

August in the Southeast Division (ARRL) means the Huntsville Hamfest. This is one of the good ones! It is not too far away and is all inside – in Alabama in August; that is important. AJ4GU, W4DED and I attended Saturday and Sunday morning. The "3 Amigos" headed out REAL EARLY Saturday morning so we could be there when the doors opened.

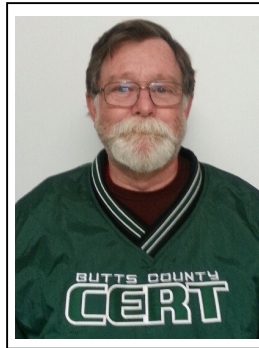
We forgot about the change to Central Time so we arrived plenty early. All the major manufacturers attend and being "Rocket City" the forum presenters are really good.

Mike was tied up in MARS training; Dan and I attended a forum on "Listening" by Bob Heil. Turns out there is more to ham radio than transmitting – who knew? Bob's point was equalizing your

received audio to suit your hearing is very important. We also attended a seminar on "Lightning and Ham Radio" by Dr. Monte Bateman (NASA Lightning Protection Engineer). The take-away from that session was "lightning wins – you lose." That is Rule #1. Check out his website at <http://lightninganswer.com> or the ARRL website for good lightning information. After a good dinner and a nap we returned to the Hamfest to attend the induction ceremony for the "Royal Order of The Wouff Hong." The ROWF was started by Hiram Percy Maxim in the early 1900's to combat QRM and poor operators. Guess some things never change. The ceremony is all in fun and everyone had a good time participating in this Amateur Radio tradition.

On 19AUG Mike Crowe and I participated in a Table Top Exercise, pre-

paring for the Public Health "Strategic National Stockpile" exercise coming up in November. ARES state-wide will be participating also; this will be our SET for 2015. It turned out to be a real good session, a learning experience for everyone attending, especially the folks from Georgia Public Health.



Mike and I did a demonstration of Fldigi and Flmsg. Non-hams are always impressed; they are stunned when you tell them it is free. Hopefully, this will help us get

our foot in the door at the Public Health office in Butts County.

Don't forget about the outstanding training opportunity next Saturday morning, 9 AM in the Education Building at Piedmont Henry Hospital. We will be using Bays A, B and C. Just follow the signs. There is plenty of adjacent parking. The first session, by John Davis (WB4QDX) will be

on D-Star and DRATS. After lunch, Mike Crowe will facilitate a Digital Tune-Up session. Bring your laptops and Go-Kits. Breakfast? Yep, 8 AM at the Hardees on exit 222. We are one of the hosting groups so let's have a good turn-out. We will soon have D-Star capabilities at the hospital. DRATS is Internet based (I think).

EMA Director Glen Goens has started a Basic CERT class held on the 2<sup>nd</sup> and 4<sup>th</sup> Monday (6:00 PM) at Station 7. We have a couple of ARES members in the class. CERT is a great way to get some extra "out of the box" training.

**Please work on those ICS courses. It is very important that we, as ARES members, understand the Incident Command process and how we fit in. The courses are free and on-line from FEMA at**

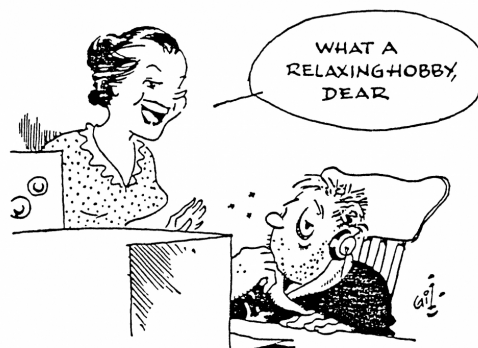
<http://training.fema.gov/nims/>.

Thanks for all you do!

73, Buzz

(K3GWK)

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"A ham - pod?"



# 2015 Amateur Radio 2015 COVINGTON HAMFEST



COVINGTON, GEORGIA

**SATURDAY— SEPTEMBER 26**

**Gates Open to Public 8:00 A.M. - 2:00 P.M.**

**\*FREE VENDOR SPACE / \*FREE TAILGATER SPACE  
TABLES & CHAIRS ARE NOT PROVIDED — BRING YOUR OWN !  
Vendor / Tailgater Set-Up: 7:00 A.M.**

**Admission: \$5.00 (12/Under Free)**

**\*EVERYONE PAYS ADMISSION — INCLUDING VENDORS / TAILGATERS**

**\*\* Free Raffle Ticket with Each Admission \*\***

Free Parking      Snacks Available

**BERRY'S CHRISTMAS TREE FARM, 70 MT. TABOR RD., COVINGTON, GA 30014  
N 33.62165      W 83.92288**

**\*\* Additional Raffle Tickets \*\*  
\$1.00 / Each or (6) / \$5.00**

**NOT NECESSARY TO BE PRESENT  
TO WIN 1ST PRIZE**

**PRIZE DRAWINGS**

**9:00 a.m.  
10:00 a.m.  
11:00 a.m.  
12:00—NOON**

**VE TESTING 9 AM - 11 AM**

VE Contact: Dan Darsey W4DED dandarsey@yahoo.com

**Talk-In  
146.925  
(88.5 PL)**

**WA4ASI  
Repeater**

**Hamfest  
Contact  
Vickie Henry  
KK4VUG  
(770) 597-8042  
vbhtbn@hotmail.com**

**Newton County Radio Club  
<http://ncrcga.org>  
[facebook.com/k4ncr](https://www.facebook.com/k4ncr)  
K4NCR**







**NEWBIE NIGHT PICS THANKS TO J.D. (KM4DHS)**



***Largest Hamfest in Georgia***  
***2015 Georgia Section Convention***

GEORGIA'S LARGEST HAMFEST

Sponsored by the

ALPHEA MEMORIAL RADIO CLUB  
STONE MOUNTAIN GA

STONE MOUNTAIN HAMFEST  
W4BOC  
AND COMPUTER EXPO

November 7 & 8, 2015



Gwinnett County Fairgrounds,  
Lawrenceville, GA

TailGate, Flea Market, Forums, Door Prizes and Raffle

[www.StoneMountainHamfest.com](http://www.StoneMountainHamfest.com)





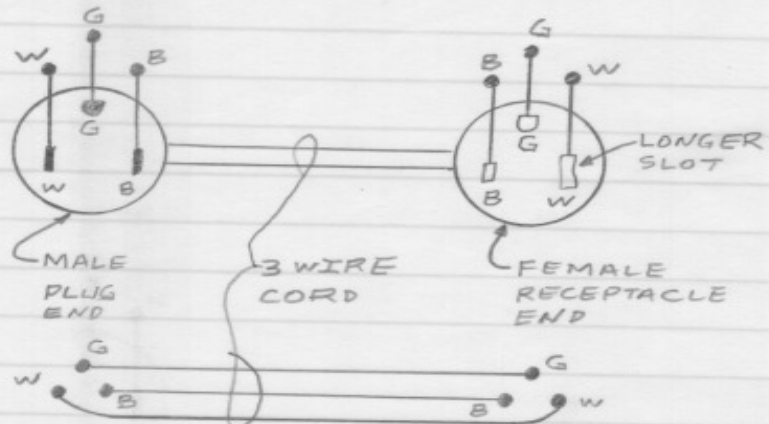
# Tech Notes

## Three-Wire Extension Cord Whitney Smith (WA4VBX)

1 OF 2

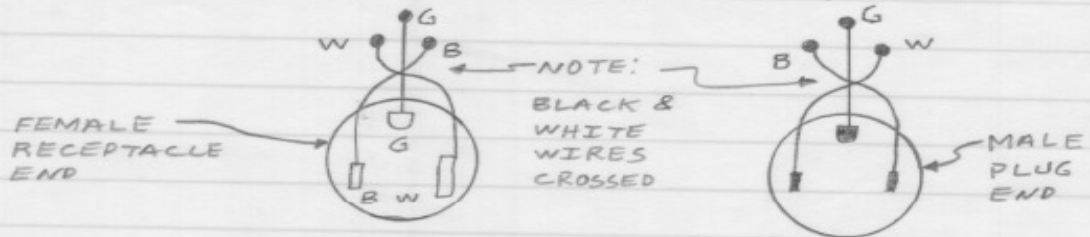
### HOW TO MAKE A 3 WIRE EXTENSION CORD

B - BLACK WIRE (HOT)  
W - WHITE WIRE (NEUTRAL)  
G - GREEN WIRE (GROUND)



### THIS IS THE NORMAL CONFIGURATION

— WHAT HAPPENS IF YOU SWAP THE ENDS — ?



THIS IS NOT THE NORMAL CONFIGURATION BUT IT WILL WORK. IT IS HARDER TO MAKE CONNECTIONS WHERE THE WIRES MEET THE CONNECTORS.

- EXTENSION CORDS THAT ARE FLEXIBLE ARE MADE OF STRANDED WIRE. YOU CAN USE SOLID WIRE BUT IT WILL NOT BE VERY FLEXIBLE.
- WHEN YOU MAKE THE CORD TO END CONNECTIONS:
  - 1) TWIST THE WIRE END, WRAP IT AROUND THE SCREW AND TIGHTEN THE SCREW, KEEPING THE STRANDED WIRE TWISTED TIGHTLY REQUIRES MUCH CARE.

Continued →



# Tech Notes

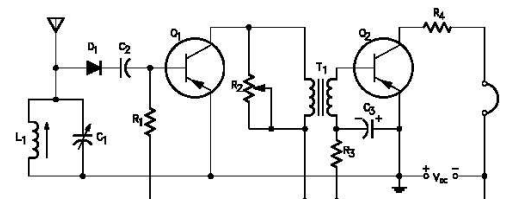
## Three-Wire Extension Cord (Continued) Whitney Smith (WA4VBX)

20F2

- 2) OR, TWIST THE WIRE END, SOLDER THE TIP END OF THE WIRE TO KEEP FROM UNRAVELING, AND WRAP THE WIRE AROUND THE SCREW AND TIGHTEN THE SCREW, THIS METHOD ALSO REQUIRES SOME CARE.
- 3) OR, TWIST THE WIRE END AND SOLDER ABOUT  $\frac{3}{4}$ " OF WIRE. FORM THE WIRE AROUND THE SCREW, AND TAKE A HAMMER AND LIGHTLY FLATTEN THE SOLDERED WIRE, PUT THE FORMED WIRE AROUND THE SCREW AND TIGHTEN THE SCREW. THIS METHOD REQUIRES SOME CARE.
- 4) IF YOU HAVE A COMPRESSION CONNECTION, TWIST THE WIRE END AND TIGHTEN THE SCREW. IF THERE IS ENOUGH ROOM, THE TIP END OF THE WIRE MAY OR MAY NOT BE SOLDERED.
- 5) EACH OF THESE WILL WORK. I HAVE TRIED THEM ALL, AND THERE MAY BE OTHER METHODS. CHOOSE THE METHOD THAT WORKS BEST FOR YOU.

WGS  
8-18-15

If you have a design or do-it-yourself project, please submit your project to the Editor for inclusion in "Tech Notes."

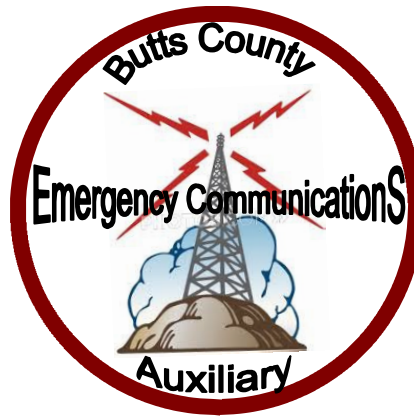




Visit our website: [www.bcgaares.org](http://www.bcgaares.org)

**BUTTS COUNTY EMERGENCY COMMUNICATIONS AUXILIARY**

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Glen Goens  
KJ4TVO

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**PIO / Net Manager**

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[edhoard@yahoo.com](mailto:edhoard@yahoo.com)

**Club Photographer**

J.D. Van Sickle  
KM4DHS  
[jvan12@charter.net](mailto:jvan12@charter.net)

**Net Control Station Roster**

**September** — Ed  
(WX4ED)

**October** — J.D.  
(KM4DHS)

**November** — Ken  
(KM4HOS)

**December** — Ed  
(WX4ED)

If you'd like to serve as NCS, please email Ed (WX4ED), Net Manager: [edhoard@yahoo.com](mailto:edhoard@yahoo.com)

**Weekly Training Net:**

**Sunday 21:30 GMT**

**4:30 EST 5:30 EDT**

**WX4BCA Repeater 147.285-**

**BUTTS COUNTY / SOUTHERN CRESCENT AREA NETS — HF, VHF & UHF**

**Sunday (5:30 pm) GA ARES Digital Net — 3583 KHz (USB) or 7042 (PSK-31) Center 1000 Hz**

**Sunday (5:30 pm) Butts CO FM Training Net — 146.715 MHz (146.2 PL) Winlink: WX4BCA**

**Sunday (6:00 pm) GA ARES SSB Net — 3975 KHz (LSB) Winlink: WX4GMA**

**Monday (9:00 pm) Southern Crescent FM Net — 145.170 MHz (146.2 PL) & 444.875 MHz (123.0 PL)**

**Tuesday (7:30 pm) GA CERT Digital Net — 3585 KHz (USB) or 7042 (PSK-31) Center 1000 Hz**

**Tuesday (8:00 pm) GA CERT FM Net — 146.805 MHz (100.0 PL)**

**Wednesday (8:00 pm) Newton Co Digital Net — 146.925 MHz (88.5 PL) (MT63-2KL) Center 1500 Hz**

**Thursday (8:00 pm) NCRC/ARES/RACES FM Net — 146.925 & 444.800 MHz (88.5 PL) Winlink: K4NCR**

**Thursday (9:00 PM) Barnesville/Lamar County W8JI Repeater Net — 147.225 (no tone)**

**Saturday (11:00 am) \*SATERN Net (Southern Section) — 7262 KHz**

**METRO ARES FM NET**

**1st Sunday (4:00 pm) Metro ARES FM Net — 145.430 MHz (107.2 PL)**

Also on EchoLink at WB4NWS-R (Node: 593209)

**Newsletter Submissions**

Please submit all articles and/or suggestions to **Ed Hoard (WX4ED)**  
[edhoard@yahoo.com](mailto:edhoard@yahoo.com)

**QRT**