



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

AUGUST 2016



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NEWBIE NIGHT INTRODUCED NEW HAMS TO HOBBY

Our July 16 Ham Cram #15 was attended by 13 prospective new amateur radio operators. By the end of the day, 10 had passed the Technician exam! (See new call

your first radio, antennas, simplex communication, nets, programming your HT, emergency communication and the importance of club membership.



In attendance were Chuck Kimbell KM4VPW, Tammy Harvey KM4VQA, Zeb O'Kelley KM4VPU, Nancy Davis-Martin KM4VPS, and Peter Acevedo KM4VPY. A brand new Baofeng UV5R

signs elsewhere in the newsletter).

And in keeping with previous Ham Crams, "Newbie Night" was scheduled closely following the Ham Cram.

On July 25, 5 new Techs attended Newbie Night where our faculty consisting of Mike AJ4GU, Buzz K3GWK and Ed WX4ED dealt with issues essential to new hams. Subjects covered were repeaters, QSO etiquette, purchasing



HT radio was raffled off!

Congratulations to our new hams. Be sure to listen for them on the air and welcome them to the hobby!

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SAVE THE DATES

Sundays @ 5:30 PM
Weekly Butts County
FM Training Net
147.285- PL131.8

August 1
Monthly BCECA
Meeting, Fire Station
#7, 7:00 PM

August 20
Hungry Hams
Lunch Box, 7:00 AM



UPCOMING EVENTS CALENDAR

August

August 1 — Pre-meeting dinner and fellowship. Mesquite Grill, 5:30
Monthly Club Meeting & Training. 7:00 PM. Fire Station #7

August 16 — Newton County Club Meeting.
NC Law Enforcement Center, 7:00 PM.

August 20 — Hungry Hams, Lunchbox Restaurant, 7:00 AM

September

September 12 — Pre-meeting dinner and fellowship. Mesquite Grill, 5:30
Monthly Club Meeting & Training. 7:00 PM. Fire Station #7

September 17 — Hungry Hams, Lunchbox Restaurant, 7:00 AM
V.E. Session, Butts County Rec Center, 9:00 AM

September 20 — Newton County Club Meeting.
NC Law Enforcement Center, 7:00 PM.

**Congratulations!!!**

To our New Technicians

Nancy L. Martin	KM4VPS
Cecil M. Hannah, Jr	KM4VPT
Charles 'Zeb' Z. O'Kelley	KM4VPU
Andrew E. Hannah	KM4VPV
Charles M. Kimbell	KM4VPW
'DJ' John Warren English II	KM4VPX
Peter K. Acevedo	KM4VPY
Kerri E. Gebler	KM4VPZ
Randal L. Wise	KK4UDN
Tammy M. LeMaire Harvey	KM4VQA
Jonathon 'Shane' S. Hunter	KM4VQB
James 'Jim' W. Popovitch	KM4VQC

Spalding County

Saturday,
August 13

9:00 AM

Spalding Regional
Hospital

601 South 8th Street

Griffin, GA

Butts County

Saturday,
September 17

9:00 PM

Butts County
Recreation Center

Ernest Biles Dr.

Jackson, GA



FROM THE BACKCRE — BUZZ (K3GWK) Butts County Emergency Coordinator

I have been “kidnapped” and taken to a remote island off the North Carolina coast. Sadly, this island (Topsail) is not an IOTA island... No radio equipment this trip; kidnappers would not be happy.

It is the week of the “Kutcher Klan” annual family (less son-in-laws) vacation. Freida, Jennifer, Pamela, Emily, Jacob, “Billy” and I are sharing a one-bedroom condo in Surf City, NC. Tight but fun...

As I write this I have to consider today's date, August 4th, COAST GUARD DAY, and reminisce briefly about my “Summer of ‘67”. I was an E-1 boot at the USCG Training Center in Cape May, New Jersey; it was graduation week and I was the “butter-man” on the mess hall serving line. Graduated as part of Recruit Company *Lima 69*, under the command of Boatswain's Second Class (Wild) Bill Klagholtz. The Klagholtz story is best shared with good friends and adult beverages. My first duty station was Governor's Island, New York then on to Aviation Electrician's Mate School in Jacksonville, Florida. 1967 and 1968 were interesting years – Drafted, USCG Boot Camp, AE “A” School and my marriage to Freida Stevenson on May 25, 1968. The rest is history. This, I guess, brings us back to our family vacation.

I have been logging QSOs using JT65. It is an

interesting digital mode; very low power. JT65 contacts count for WAS and DXCC so it could be a “points cow” for Field Day 2017. Those of you who have HF digital capabilities should give it a try. (<http://jt65-hf.com/>) There are several other websites with information about this mode.

Speaking of Field Day, Dennis (KM4MHW) is looking for FD17 planning help.

Time to tie the ribbon on this month's report and head for the beach. Our ARES membership has expanded to 30 ACTIVE (+6), 4 MSAR/CERT (-1) and 5 PENDING. Many of the PENDING hams are

XYLs. We had five training events in June (87 Hours), two Public Service Events (90 hours) and two Miscellaneous Activities (29 Hours). A total of eight nets: four FM Phone and four WL2K tests (36 Hours). Net Manager Ken (KM4HOS) asks that your Sunday WL2K test message use the ICS-213 form. Also, please track your digital activity and weekly send that data to Ken. He really likes digital reports via Winlink2000. Butts County is one of the

Metro Districts star digital activity counties.

At the July ARES training there was a short presentation and demo of the Georgia ARES Database. It is *very important* that you keep your contact information and equipment list up to date.

Our next training meeting is September 12.

Thanks for all you do.

73,

Buzz Kutcher K3GWK

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Kutcher Family Breakfast at Margarita's





Tech Notes

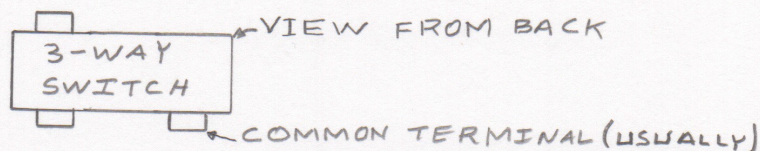
Whit WA4VBX

Trouble-Shooting a Non-Working 3-Way Switch Installation

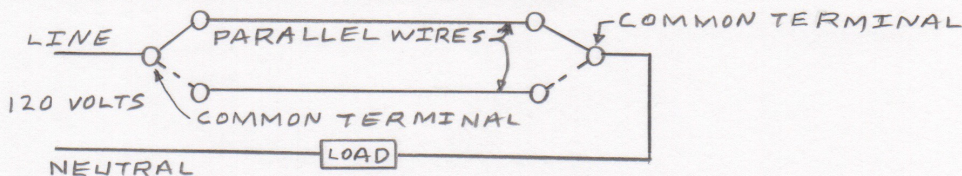
If you have a 3-way switch arrangement and only one of the switches operates properly, it is because one of the switches is bad or the wiring is connected wrong. If the circuit has never worked properly, it is probably because the wiring is wrong. If the circuit used to work ok but doesn't work now, it is because a switch is bad.

Which condition do you have?

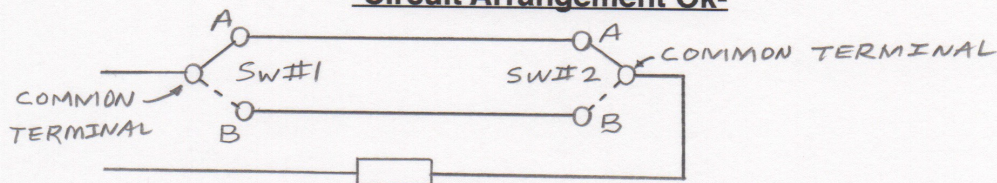
Just by operating the circuit with a bad switch and/or wrong wiring, you cannot tell which condition you have. It is possible that you have both problems.



Which of the 3 terminals is the common terminal? This is the first thing that needs to be determined. Turn the power off and determine which terminal is common either by a marking on the switch or by using an ohm meter. Turn the power back on and determine if the 120 volt source is connected to the common terminal. If it is not connected to the common terminal, then change the wiring. If it is connected to the common terminal, then check the other switch.



-Circuit Arrangement Ok-



If Sw#2 is in position A the circuit (SW#1) works ok and when Sw#2 is in position B the circuit (SW#1) does not work ok, then Sw#2 is bad and vice versa.

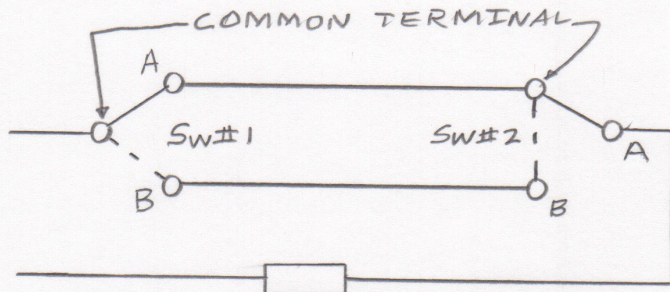
-Circuit With Bad Switch-



Tech Notes

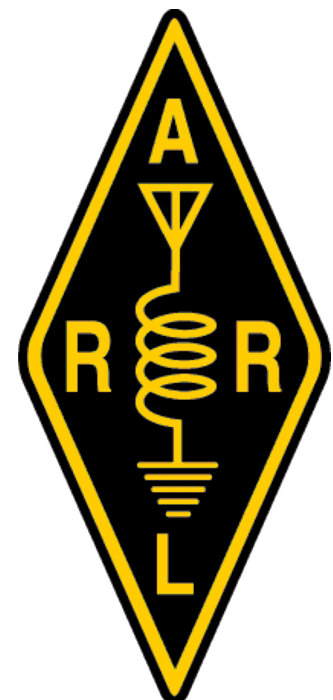
Whit WA4VBX

Trouble-Shooting a Non-Working 3-Way Switch Installation



When Sw#2 is in position A, Sw#1 works ok and when Sw#2 is in position B, Sw#1 does not work either position, the wiring is wrong at Sw#2 and vice versa. It is possible that both switches are either wired wrong or bad. Once the wrong wiring is identified and corrected, the circuit should operate properly.

-Circuit Arrangement That Has Never Worked Properly-





Largest Hamfest in Georgia



STONE MOUNTAIN HAMFEST

Gwinnett County Fairgrounds / Lawrenceville, Ga.



Nov. 5-6, 2016 Sat: 8 a.m. - 4 p.m. and Sun: 8 a.m. - 2 p.m.
2405 Sugarloaf Parkway, Lawrenceville, GA 30045

November 5-6 2016

TailGate, Flea Market, Forums, Door Prizes and Raffle

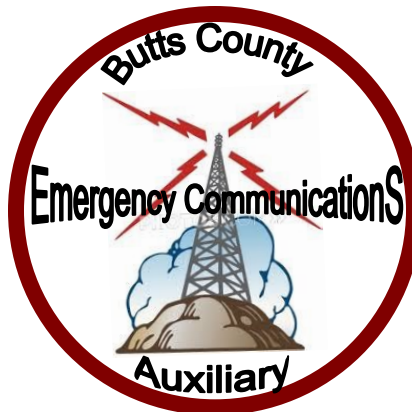
www.StoneMountainHamfest.com



Visit our website: www.bcgaares.org

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kawallis@charter.net

**Net Control Station
Roster**

August
Darlene KK4BKF

September
Buzz K3GWK

October
Mark Baker

If you'd like to serve as NCS, please
email Ken (KM4HOS), Net Manager:
kawallis@charter.net

Weekly Training Net:

Sunday 21:30 GMT

4:30 EST 5:30 EDT

WX4BCA Repeater 147.285- PL131.8

Jackson, GA

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

Sunday (4:30 pm) GA ARES Digital Net — 3583 KHz (USB) or 7042 (PSK-31) Center 1000 Hz

Sunday (4:30 pm) Butts CO FM Training Net — 147.285 MHz (131.8 PL) Winlink: WX4BCA

Sunday (5:00 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)

Monday (9:00 PM) Rockdale Co. ARES Net — 147.21 MHz (162.2 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