

THE ZARC CARRIER



The Newsletter of the Zanesville Amateur Radio Club

Re-Inventing The Tape Dipole

By Ulrich H. Steinberg, DJ8GO
From eHam.net

Radio Field Day

By Kelly Gilmartin
whiznews.com, Sun, Jun 24, 2007



About 20 years ago I traveled with a Heathkit HW-8 and a Hy-Gain TD-1 tape dipole in my bag, and both saw quite a few exotic locales. The QRP transceiver by now is an Elecraft K1, and like the HW-8 the tape dipole was sold somewhere along the way. I normally use a MP-1 vertical for my portable operations, but often, when I have space for a full-size dipole, I wished that I still had the TD-1. (which also was available in a military version from Rockwell-Collins called, I believe, the HD-4000) I've tried a few modern light-weight incarnations of the reel dipole, and although they work

fine none of them had the sturdy reassuring feel of the old TD-1.

When I spotted these chrome clad 50' measuring tapes on eBay, the pair for \$13, somehow they just cried out to be made into a tape dipole. The cases are made of metal coated with plastic and quite rugged. It turns out, although the tape looks like shiny bare metal, it is coated with some stuff that is an excellent insulator - so you have to use steel wool to remove it in some spots - but more about that later.



An aluminum U-profile, 3/4" wide and 1/2" high, normally used to protect the edge of plywood, looked like a good choice for a frame to hold the reels. With a bit of handiwork with a metal saw I fashioned the two brackets that hold the tapes. They are bolted together with a 4 1/2" bolt with nylon spacers in between. (all the materials I used are readily available in hardware stores).



The old TD-1 had a screw-down clamp to stop the tape, which also served as the electrical connection to the tape, and the dust and dirt that gathered in that spot rubbed off the markings on the tapes pretty quickly. So it's probably not a disadvantage that these reels have nothing of the sort. I chose to make the actual electrical connection using binder clips that squeeze a short length of grounding strap firmly onto the tape. Since the tape is coated you have to use steel wool to remove the coating over some length around the desired point of contact, and it turns out that this works quite well.

Some area residents spent the weekend contacting people from across North America.

The Zanesville Amateur Radio Club held a field day at Putnam Hill Park to celebrate the end of "Amateur Radio Weekend."

"We're making contacts with different states in the United States, quite frankly we've made contact with every state in the United States and almost every province in Canada since yesterday afternoon," said Earl Paazig, Zanesville Amateur Radio Club.

Amateur radio is a hobby but it can also be used for its emergency communications capabilities.

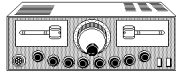


"One of the primary purposes of amateur radio is emergency communication in the case of a natural disaster or whatever communications systems might be overloaded and amateur radio can serve a purpose for public service for law enforcement, fire department, wherever they may need extra help," he said.

Over 30,000 amateur radio operators across the country participated in last year's Field Day event.

Continued on page 6

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THE ZARC CARRIER

The Zarc Carrier is the newsletter of the Zanesville Amateur Radio Club, located in Zanesville, Muskingum County, Ohio and is published January, March, May, July, September, and November.

Send in your items of ham related interest, such as swap n shop ads, new hams in the area, birthdays, anniversaries, silent keys, ham fests, special events, and original written articles. Deadline is the first of the month before the month to be published. Enclose a SASE if your material is to be returned to you.

Any material in *The Zarc Carrier* may be reprinted as long as you give credit to the newsletter, the original author, and the original publication, if given.

Sample copies are available upon request and a SASE. If your club receives a complementary copy of *The Zarc Carrier*, we would appreciate a copy of yours in exchange.

ZARC MEMBERSHIP

The Zanesville Amateur Radio Club is an incorporated not-for-profit association. Membership is open to anyone interested in the purposes of the organization and who agrees to abide by the by-laws and other rules and regulations that may, from time to time, be established by ZARC.

ZARC Membership Application

Date New Membership Renewal

Name Call Sign

Address

City, St, Zip

Phone ARRL Member - Yes No

Prorates apply to new memberships only. Jan-Mar Apr-Jun Jul-Sep Oct-Dec

- Full (*Licensed Amateur*) ... 20.00 ... 15.00 ... 10.00 ... 5.00
- Family (*Of Full member—Licensed Amateurs—1st person, then \$5.00 for balance of family*) ... 10.00 ... 7.50 ... 5.00 ... 2.50
- Junior (*Licensed Amateur, 16 yrs. old or younger, still in school, not in same household as Family member*) ... 6.00 ... 4.50 ... 3.00 ... 1.50
- Associate (*Un-Licensed*) ... 10.00 ... 7.50 ... 5.00 ... 2.50

If Family Membership, Name and Call Sign of Full Member:
.....

E-Mail Address

Share E-Mail Address With: Members Only Anyone No One

Send ZARC CARRIER by: E-Mail (Adobe) USPS

Make check or money order out to ZARC and mail to:

Don Wahl, WA8BOV, ZARC Treasurer, P. O. Box 8203, Zanesville, Ohio 43701-8203



ZARC Net Control Stations

The Zanesville Amateur Radio Club 2 meter net meets every Wednesday night at 9 PM on 146.610 PL 74.4. The PL and time out are off during the net. All licensed Amateur Radio operators are welcome to check in.

August 2007

1st Mary Grandstaff, KB8ZXH
 8th Open
 15th Open
 22nd Danny Grandstaff, KB8RIM
 29th Zippo Gillogly, K8CYN

September 2007

5th Mary Grandstaff, KB8ZXH
 12th
 19th Danny Grandstaff, KB8RIM
 26th Zippo Gillogly, K8CYN

Any ZARC club member is welcome to take an *Open* week as net control. Let me know that you are interested and I will send you a copy of the ZARC Net Preamble and assign you a Wednesday. Danny Grandstaff, KB8RIM, zcw8zzv@prodigy.net or 740-453-0400.

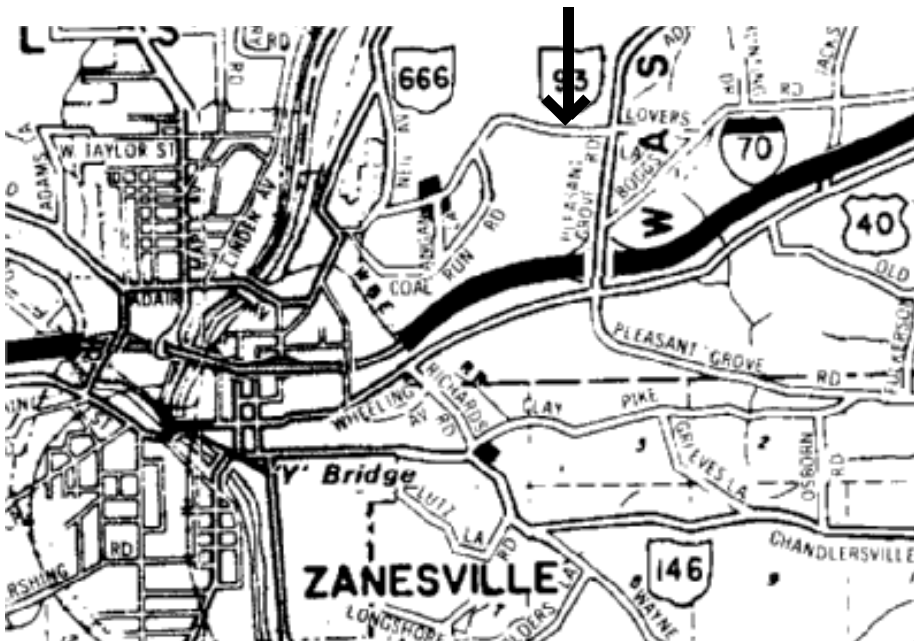
Printing Donated by Dan's Barber Styling, 819 Linden Ave., Zanesville, Ohio

The Armstrong Radio Repeater System

	Licking County	Muskingum County	Guernsey County	Perry County
VHF	146.835	147.075	147.000	146.820
UHF	443.925	442.250	444.375	none
PL	91.5	91.5	91.5	100.0

ZARC Meeting Place

From Rt. 40 at Pleasant Grove Rd. go north (Rt.93) on Pleasant Grove Rd. 1.1 mile, turn left on Adamsville Rd. and go about 0.3 mile. You will see a building on the right with multi-antennas. Stop here. Coming from Underwood St. go north on Hall Ave. from the traffic light about 2.5 miles and the building is on the left. Call in on 146.610, pl 74.4.



Area 2 Meter Nets

Sunday

147.045 Coshocton 9 PM

Monday

146.730 New Philadelphia 8 PM
 147.030 Lancaster 9 PM
 145.230 Coshocton 9 PM

Tuesday

146.760 Columbus 7:30 PM
 146.850 Cambridge 8 PM & 8:15 PM
 146.670 Millersburg 9 PM
 146.880 Newark 9 PM

Wednesday

147.345 Logan 8:30 PM
 146.610 Zanesville 9 PM
 147.210 Wooster 9 PM

Saturday

- * New Lexington 8 PM
- * © Multi-County Coalition 9 PM
- * The Armstrong Radio Repeater System
- © Alternate Frequency 146.610

Other Area Nets

Daily

147.240, PL 179.9 Columbus 7 PM

Wednesday s

- 1st - 8:30 PM 146.460
- 2nd - 8:30 PM 52.540 Simplex
- 3rd - 8:30 PM 28.390 SSB
- 4th - 8:30 PM 24.980 SSB
- 5th - 8:30 PM Wildcard (Any of the above)

Thursday

ZARC Six Meter Net 9 PM
 51.135 FM Simplex

Friday

Johnny Applesced 9 PM
 28.450 USB

Multi-County Coalition N C S

- First Sat. - Licking County
- Second Sat. - Guernsey County
- Third Sat. - Muskingum County
- Fourth Sat. - Open
- Odd Fifth Sat. - Coshocton County



Ohio Section News

By *Joanne Solak, KJ3O*
 Affiliated Clubs Coordinator
 July 2007 News



OHIO DXers, Contesters Note: Convention Has DX All-Stars

SUMMER!! Is finally here. You could have fooled me. Temperatures have been at summer level here in our section of Ohio for the past few weeks. Actually several days have topped the 90 degree mark. BUT, Summer is here now and so goes the summer activities.

Field Day hopefully was a successful one for all the Ohio Section Clubs that participated in one of the most popular events every year. Let me know how your club celebrated Field Day.

Our new Section Traffic Manager reports that effective immediately, all traffic reports for the Ohio Section should be submitted to him, John Tipka, W8UL. In particular, all Local Net Reports. This has been the most asked question to me, now here is the official answer.

The 2007 Dayton Hamvention is now history. Now we look forward to the 2007 ARRL Great Lakes Division Convention to be held in Independence, Ohio, September 22nd. Mark your calendar and start making plans to attend this event.

Your Club should have received the Ohio Section Journal, Summer, 2007, edition. You will find complete details about the Great Lakes Division Convention on page 11.

Also it isn't too early to mark your calendar for the Ohio Section Conference to be held September 15th. The State Fire Academy in Reynoldsburg.

Don't forget the Ohio QSO Party scheduled for August 25-26th this year. Stay tuned for more details as we get closer to the event.

There are many Hamfests still ahead. Support your Local Clubs as the members dedicate their time to making their event a success. We have the NOARSFEST in Wellington July 14th; Van Wert Hamfest July 22nd and the Portage Hamfair July 29th in Randolph. YOU can make these events successful. The Portage Hamfair will include VE Exam Testing starting at 9 AM.

The Mount Vernon ARC planned Field Day to be held at the Knox County Chapter of the American Red Cross this year. The plan was to show the local officials what they could do under difficult conditions, running a generator to power their equipment etc. With the Sunspot Cycle low this year, to say it could be a challenge was mild language for all participating in this **F i e l d D a y e v e n t**.

The 20/9 Amateur Radio Club planned to hold Field Day at Lake Milton State Park. Many members planned on going out to the Park and spending the entire weekend there. Members are planning a Fox Hunt to be held with the Club Picnic July 14th at Lake Milton State Park. Many events are still to come for this group such as the Mike Hartzell Motorcycle Run July 8th.

The Van Wert ARC members have a very busy summer ahead of them. They certainly have a full calendar. Bike Tour (sounds like fun) VW Holiday at Home; set up in the Museum plus the Parade, the Van Wert Hamfest, the regular monthly meetings, and all the other events too numerous to mention here. This group remains a very "busy" Club.


The Massillon Amateur Radio Club members had quite a trip to Dayton this year. A tour bus sponsored by the Pioneer ARC to the Hamvention was involved in an accident on the way to the Hamfest. A stalled car in front started a chain reaction with the bus taking both front and back damage from semi trucks. The most seriously hurt person on the bus was the bus driver who had to be cut from the wreckage. "Hams" riding the bus had to use the emergency exits (windows), to get out of the bus. The Dayton Hamvention committee members heard of the accident, dispatched a RTA bus to the scene to get the passengers so they could continue their trip to the Hamvention, at no cost to the passengers. For more details on this accident go to the web site <http://www.starkham.com/news.php> (This information from the Massillon ARC **N e w s l e t t e r t h e F E E D B A C K**).

Hamvention 2007 had great weather, a good turn out, and that spells SUCCESS! Volunteers worked really hard to make Hamvention another huge success this year. Now, on to the planning for the next **BIG HAMVENTION 2008!**

Central Ohio ARES remains active with Field Day, the 46th Annual Tour of the Scioto River Valley, The UA (Upper Arlington) Memorial Day 5 Miler, and on and on goes this groups event schedule. It goes to show you, you can "train for a disaster" and have "fun" doing it.

I have been receiving some reports about Club Officers not filing the ANNUAL REPORT FORM. This can place your Club on the inactive list. You don't want this to happen, so make **s u r e y o u f i l e t h i s f o r m a s a p**. Well that's it for this time around. Remember, if you want your Club spotlighted in the Monthly Ohio Section News, you should get your Club information to me by the 10th, no later than the 12th, of the month.

So, until I see you somewhere, sometime, when you least expect it.

Best 73, Joanne Solak, KJ3O. ACC Ohio Section 

The upcoming Great Lakes Division Convention, September 22 in Cleveland will feature an all-star cast for ham radio's DX and Contesting Community. The Division Convention, held at the Sheraton Independence Hotel, is presented in conjunction with the next day Cleveland Hamfest. For complete information, visit www.2007gldc.org. Among the Convention's many seminars will be the appearance of Bernie McClenny, W3UR, whose DX seminars and card checking activities will be assisted by Tedd Mirglotta, KB8NW; Bob Allphin, K4UEE; Don Karudnen, K8MFO; and John Papay, K8YSE. All members of the DX and contesting communities will recognize what a strong line up this is. Numerous other seminars, hospitality rooms, sponsor displays, evening banquet and Wouff Hong makes this an event not to be missed. Advanced tickets for all daytime seminars and evening banquet are \$50 (\$45 if you also book a hotel room at the Sheraton). Partial ticket plans are also available. Order online with a credit card by visiting www.2007gldc.org.



From ARRL Ohio Section Section
 Manager: Joseph J. Phillips, K8QOE
k8qoe@arrl.org

Some folks are so
 busy laying up for a
 rainy day that they
 cannot enjoy good
 weather.





Handihams Courage

From the Handi-Ham E-Letter, November 2 - 9 , 2005

By Patrick Tice, Handiham Manager

Last week I shared my "10 commandments of ham radio safety". Over the past week I got a response from W6KHS, who says, "When soldering, make sure you grab the soldering iron by the right end. This is most important when it is plugged in and you are blind or visually impaired." Ouch! I know just what you mean. And there is just no end of other safety rules, either. As soon as I sent last week's edition to press, I thought of these: Never put your coffee cup or soda on top of a rig or amplifier. When that liquid hits the circuit board or a hot amplifier tube, it's all over but the shouting. Keep pets out of the ham shack when you are working on gear. A curious cat or dog will poke a nose or paw into a high voltage circuit and the fur will fly - a dangerous situation for you and your pet! Closely related to the above is my admonition to replace cabinets, covers, access panels, and the like after working on gear, instead of simply being lazy and operating with the electronics exposed. It is all too easy to get zapped or drop something into an opening that will cause a short. You know those warning stickers on antennas? The ones that say, "You could be killed..."? The reason they are there is that people quite regularly raise antennas without looking up for power lines first. The typical accident places the user between the ground and the power line, in series with the conductive antenna. A tragic accident at a scout camp last summer resulted in death because of this exact situation. Terminate wire antennas with a proper insulator. High voltage can appear at the end of an antenna wire, even with relatively low transmitting power levels. That's how I set my mom's clothesline pole on fire when I was a kid. (Sorry, mom.) Speaking of antenna wires, did you know that they are really hard to see when it's dark out? That's no problem unless they are strung where people can walk into them. This is something we take special care with at Handiham Radio Camps, where we have many blind campers! Do you ever go mobile? Those canopies over gas station pumps might not be as tall as your HF antenna. Crunch! Would you rather have a motor vehicle accident caused by not paying attention to your driving, or would you rather pick up that mobile microphone that fell on the floor? I didn't think so. If you wire anything in a mobile without fusing the power line, you are asking for trouble. If you bring a wire through the car's firewall, the opening should include a rubber grommet to protect the wire from chafing on the sharp metal. And the fuse should be on the battery side of the firewall. If you work with toxic chemicals like those used to etch circuit boards or solvents, you should protect yourself with appropriate eyewear, gloves, and ventilation. Never get close to a soldering project without protective eyewear, as hot rosin will splatter from electrical solder. Install lightning protection on your antenna systems. Gas-discharge devices work well. Finally, take some time every year to simply go over your station and look for safety issues. Things like worn or cracked power cords, unfinished projects, clutter, broken or sagging antennas, and equipment that just doesn't work quite right should all be repaired.

Well, that's my new list. Let's all be safe operators as we head into this new ham radio season! Patrick Tice wa0tda@arrl.net Handiham Manager

10. Order a Diet Water whenever you go out to eat—with a serious face!
11. Specify that your drive-through order is "to go".
12. Sing along at the opera.
13. Put mosquito netting around your work area and play tropical sounds all day at work.
14. Go to a poetry recital and ask why the poems don't rhyme.
15. Five days in advance, tell your friends you can't attend their party because you're not in the mood.
16. Have your co-workers address you by your wrestling name, Rock Bottom.
17. When the money comes out of the ATM, scream "I won! I won!"
18. When leaving the zoo, start running towards the parking lot yelling, "run for your lives, they're loose!"
19. Tell your children over dinner, "due to the economy, we are going to have to let one of you go".
20. And the final way to keep a healthy level of insanity... Give this to someone to make them smile and laugh. It's called therapy.

National Advocate

Frustration

I was more frustrated than a CW operator with 2 broken wrists

I was madder than a DxPedition that forgot to pack any mics or keyers

Pop hadn't been that upset since the day he was building that Heathkit and accidentally stuck his soldering iron between his lips instead of his pipe

The band finally opened up to Hawaii so I could get that 50th state; fine time for the XYL to go into labor

"what do you mean the VHF contest is NEXT weekend" after driving 4 hours to get to the mountaintop site

Ham to his XYL-"you threw away WHAT!!!"

Can you imagine how confused a ham would be if he had been absent from amateur radio since 1970, only to re-enter the hobby today and wonder why all the hams have turned against the Brass Pounders League (BPL)?????

20 Ways to Maintain A Healthy Level Of *Insanity*

Submitted By Cary Grandstaff, KB8ZMH

1. At lunch time, sit in your parked car with sunglasses on and point a hairdryer at passing cars. See if they slow down.
2. Page yourself over the intercom. Don't disguise your voice.
3. Every time someone asks you to do something, ask if they want fries with that.
4. Put your garbage can on your desk and label it "IN".
5. Put decaf in the coffee maker for 3 weeks. Once everyone has gotten over their caffeine addictions, switch to espresso.
6. In the memo field of all your checks, write "for smuggling diamonds".
7. Finish all your sentences with "in accordance with the prophecy".
8. Don't use and punctuation.
9. As often as possible, skip rather than walk.

Tape Dipole From page 1

The finished product is definitely not designed for the backpacker, but it conveys the heft and sturdiness that I remember from the TD-1. With its aluminum frame it is probably even more solid than the original. Taking a clue from the original I have attached a laminated frequency-to-length conversion chart to the back. Unlike the TD-1 with its 66' reels the two 50' reels will not permit operation on 80m. However, since I'm rarely ever on 80m and my K1 is not configured for it, that's not something I miss. I believe that similar tapes are available in 100' length, so you could construct this antenna to cover 80m, too. The whole thing looks and feels professional and solid, which was my most important objective.



My construction has a SO-239 connector that directly connects to the antenna without a balun. I felt that an electrically balanced situation is probably not going to occur in the odd locations that this antenna will be used in, and therefore the added complexity of a balun didn't seem justified - the TD-1 didn't have one either. (Although a small balun can easily be added to the construction.)

How does it perform? That's, of course, hard to say since I can't switch to another antenna easily. Stainless steel tapes are not a particularly good material for antennas if you're looking for low resistance material - but

then, real wire antennas out there gather a coat of oxidation pretty quickly which introduces some resistive loss, too. Over all the antenna seems to perform quite well - I get into Europe and South America on 20m with 5W quite regularly from the East Coast despite the lackluster conditions. Setup is very simple using the length chart, and my Elecraft K1 has no problems giving me a 1:1 SWR every time. For a total cost of about \$25 and a few bruises on my fingers from the metal work I have an antenna that is at least as rugged as the TD-1 and should travel with me for a long time to come. (and this time I'm not going to sell it unless you make me an offer that I can't refuse ...)

View comments about this article at www.eHam.net.

Ham Radio Humor *"Laughter Is An Instant Vacation"* -Milton Berle

Fred walked into the house after a long day at the hamfest. His hair was matted with sweat, there was a rip in the knee of his pants and both hands were blistered. His wife said "you look awful! What happened to you" Fred replied, "this was a terrible day! We had just started down the first aisle at the hamfest, when Bob fell over dead from a heart attack" "Oh, no" his XYL responded "that's awful". "Tell me about it" replied Fred. "All day long it was look at radios, drag Bob, look at radios, drag Bob".



While traveling overseas, 3 guys were arrested and wrongfully convicted of being spies. They were sentenced to death in the electric chair. When the fateful day came, the first guy was placed in the electric chair and the executioner threw the big switch. Nothing happened. The judge said "this is an omen. You are free to go" The second guy was placed in the chair. Same results. The judge said "this too is an omen. You are free to go". The third guy, an extra class amateur was placed in the chair, and before the switch could be thrown to the Zap position he said "hey fellows, I'm a ham radio operator and if you will re-set the circuit breaker on that panel, I think this thing will probably work just fine"



I stopped behind a car at a red light and noticed the auto had a ham tag so I quickly beeped out hi on my horn. Next thing I know, his window scrolls down and the driver leans out yelling "can't you see the %#@* light is still red!"



Easy way to sneak that new piece of ham gear past the XYL. Have a friend bring it over, hand it to you and say "here's that radio I borrowed from you, sorry I kept it s o l o n g "

<http://www.w4ktl.com/hamradiohumor.html>



Down Memory Lane

Smokin' Rockets, Kids ...
SEND NOW FOR THIS OFFICIAL SPACE PATROL EQUIPMENT!

Join Commander Buzz Corry on Space Patrol every week on radio and TV! Check your newspaper for times and station.

Be a Space-Officer - Wear this Official "Jet-GLOW" Code Belt

OFFICIAL - every space and time Corry wears! Great idea right in the dark!

Adjustable fit Big black gold Buck metal buckle is shaped like a space ship! Only 25¢ each and 1 Buckton box top! Buckton on handle refers word messages.

Be the First to Own this Official "COSMIC SMOKE" GUN

100 shots per loading! Powder for 50,000 shots included! Absolutely harmless! Not legal perfectly!

WHOO-OOM! SHOOT'S COSMIC SMOKE

***** MAIL THIS COUPON TODAY! *****

SPACE PATROL: Best REC. St. Louis, Missouri! EYE-OP

Dear Betty: I want to get the Space Patrol equipment checked below.

"Jet-GLOW" Code Belt "Cosmic Smoke" Gun

I am enclosing 25¢ each and 1 Buckton box top for each item wanted.

Name _____
Address _____
City _____ State _____

By Buck Eber, Head Writer and Editor of Space Patrol Magazine. The "Cosmic Smoke" Gun is a new invention. There are other guns of this type, but the Buckton-Martin "Cosmic Smoke" Gun is the only one that is safe and reliable.

CHEESEBOARD CEREALS are Super-Hits waiting!

By Buck Eber, Head Writer and Editor of Space Patrol Magazine. The "Cosmic Smoke" Gun is a new invention. There are other guns of this type, but the Buckton-Martin "Cosmic Smoke" Gun is the only one that is safe and reliable.



Do you remember 'The Space Patrol' from the 50s tv program with Buz Corry?



Ohio Section ARES Report

By Frank Piper, K18GW
Section Emergency Coordinator,



Hi everyone! I have a lot of things to cover this month, so let's kick things off with the June FSD-96 Report, just sent to the ARRL on July 10th: Calls of DEC's/EC's reporting: K8ARL/DEC; W8ILC/DEC; N8TVU/DEC; KB8WPZ/DEC; KC8GNL/DEC; N8WL/DEC; N8SUZ/DEC; W8TY/EC; N8OIC/EC; KB8SIA/EC Number of drills, tests and training sessions this month: 343 Person hours 3367 Number of public service events this month: 47 Person hours 1359 Number of emergency operations this month: 22 Person hours 367 Total number of ARES operations this month: 412 Total Person hours 5093 District Reports: District 1 (K8ARL/DEC): Huron County Skywarn Nets 6/8 & 6/19, Field Day 6/23 and "Willard Festival in the Park" Parade 6/30 Hancock County Wasn't a very high number hours for the month.

The Triathlon was a great success, good number of hams showed for it. The field day was a great success having the BG Hams join us at Van Buren State Park, good food, fun talking with other hams, hoping to do it again. We only had 2 traffic messages sent for the month. Seneca County 2 NTS TRAFFIC PASSED ON OUR NETS 1 SKYWARN NET & OPERATION TRAINING 1 SIMPLEX NET 1 SMART RADIO TRAINING 1 PUBLIC SERVICE AT RISING SUN FIRE CAMP TRAINING 4 SENECA COUNTY ARES NETS W8ID CLUB ANTICIPATED OF FIELD DAY Lorain County 4 LCARA Sunday Evening Net 4 Skywarn Nets Sandusky County Three Skywarn activations for June. Monthly ARES meeting held on June 4th. Organized dual status ARES / RACES members. July meeting to cover radiograms, radio room operations and upcoming S.E.T. Wood County Completed the antenna installs at the West Millgrove and Washington Township fire departments. Participated in the first annual Montgomery Township EMA Training camp. Also participated in an EMA/Skywarn/NWS joint county meeting (Lucas, Wood, Defiance, Lenawee MI, Monroe MI, Fulton) held and hosted by Lucas County EMA.

Meeting established to provide for better communications across counties in the case of a severe weather event. Attended by Cleveland NWS as well. DISTRICT 2 (W8TY/EC) Provided communications for GOBA on June 18. Great WX for FD and enjoyed by everyone. District 3 (W8ILC/DEC) Putting together a list of Winlink stations in district 3. Greene County ran several radio Checks with EOC and Fire Dept's. All 8 Counties in District 3 sent FSD-212 reports to the DEC for June. Activity for June was down except for Field day. All 8 Counties in District 3 had Field day thru there local Radio Clubs. I had several messages sent to me on Field day from other EC's in Ohio. District 4 (N8TVU/DEC) Field Day Activities: Hamilton County & Warren County ARES has a joint field day at KC8UVM's location with 24 hour emergency power. Butler County ARES joined the Butler County VHF Association and the DIAL Radio Club of Middletown at their Field Day Location at Smith Park in Middletown. The Middletown crew has All States Worked with 922 contacts and 1200 bonus points for digital modes used, public display, public officials etc. DISTRICT 6 (KC8GNL/DEC) Richland county worked with the Mohican 100 mile mountain bike race on 6/2/07. Wayne County provided communications for the Mohican 100 mile run on 6/16 & 6/17 for over 30 hours! Knox County worked with the "Tour de Cure" bike ride plus is working closely with the Citizens Corps group. DISTRICT 7 (N8WL/DEC) Delaware A.R.E.S. provided communications for Wendy's Triathlon/Duathlon and American Diabetes Assoc. which included A.R.E.S. members of Knox and Licking Counties.

It was a pleasure to serve as Master Net Control at Westerville High School North. Thank you very much for making the event a success.

73.

*The Ohio Single Side Band Net meets 3 times a day
(10:30am-4:15pm-6:45pm) on 3.972.5MHz.
Why not join in on the fun and learn to pass formal traffic.*

BUMPER SNICKER

**Pray For Me. My Husband Is A
Ham Radio Operator.**

Things We Hate To Hear On 2 Meter FM

*Let's Switch Over To Another Chan-
nel*

*The Pleasure Has Been Purely On
This End*

*I Just Put Me Up A New Set Of
Beams*

CQ,CQ,CQ, Calling CQ.....

*I Got Me A Co-Phased Array On My
Truck*

10-4



What's Your 20?

*I'm Thinking About Putting A Power
Mic On This Radio*

*What's That Rhythmic Beeping Noise
That I Hear On The Repeater About
Every 10 Minutes?*

*"I Never Knew That Ham Radio Was
Such A Health Conscious Hobby.
When I Was At The Hamfest I Saw
A Bunch Of People Selling Finger Ex-
cercisers. Some Of Them Was Up-
right, Some Of Them Were Side-
ways, Some Were Chrome And Some
Were Brass Looking. I Even Saw A
Couple What Was Hooked Up To
Some Kind Of Audible Metronome To
Help You Keep Rhythm.
Over...."*

<http://www.w4k1l.com/hamradiohumor.html>

Communications Electronics
2-Way Radio & Commercial Sound
Amateur Radio Service

Mike & Shirley Ervin
2617 Palmer Rd.
Hebron, Oh 43025
740-929-2500
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Ham Radio Operators Practice Preparedness

By *CHRISTINE SHAW*
Zanesville Times Recorder Correspondent
Sunday, June 24, 2007

"When all else fails, ham radio works," is the motto for amateur radio operators. Members of the Zanesville Amateur Radio Club (ZARC) are camping at Putnam Hill Park this weekend to make sure.

"We're trying to see how many stations in other states we can contact," said Phil Hammer of Zanesville.

The Field Day event is a worldwide event coordinated in the U.S. by the American Radio Relay League. The ZARC group began setting up camp at 10:30 a.m. Saturday and will be working until 2 p.m. Sunday making contact with other operators from around the world. Turning dials and listening for frequencies where others reply to them, the ham operators say Field Day is about fun, but also about readiness.

"We're in standby mode unless we're asked by the authorities to help out," said Earl Paazig, club vice president.

"Ham radio is one an emergency," Katrina, ham radio communication Just an hour into group had already states and Canada. computer map, the on a map as contact "We hope as the day whole map cov- ley of Philo. Since 1976 when he ing in the hobby, tact with nearly operators.

Putnam Hill Park location for the several reasons in- tion and the river below."

"The valley and the water help the signal to skip and give us more distance," Paazig said. Ham operators go through a series of classes and testing to become licensed in one of three lev- els: technician, general and amateur extra. Paazig is a volunteer instructor for ham radio opera- tions.

"You don't have to have an electronics background to get involved," he said. Chief of the Calibration and Technical Order Management Flight for the U.S. Air Force Metrology and Cali- bration Program in Heath, Paazig wanted a hands-on applied electronics hobby.

While he is trained in electronics, he explained that anyone with interest as varied as science, geography, and even stamp collecting might find amateur radio appealing. The confirmation of a contact can be made via mail helping stamp collectors obtain unique stamps for example. "I've talked with someone in Sakhalin Island, Russia," said Paazig. "The band conditions and atmosphere determines how far your signal can be received."

www.zanesvilletimesrecorder.com



Dave Higley, KD8WA, talks to a fellow ham operator in Tennessee, while Phil Hammer, KB8JVP, changes fre- quency on his radio during the Zanesville Amateur Radio Club (ZARC) Field Day event held at Putnam Hill Park.

of the greatest tools in Hammer said. "Take was the only means of available." their exercises, the made contact with 10 Using an interactive locations are colored is made. goes on to have the ered," said Dave Hig-

first began participat- Higley has made con- 5,000 other ham oper-

was chosen as the Field Day event for cluding its high eleva-

ZARC operated under 2A using laptops and a logging program for most of the 25 CW and 392 phone contacts that used W8ZZV. They also had a GOTA (Get On The Air) station operating under KC8SUM, which made 20 phone contacts.

ZARC also made quite a few bonus points for having Field Day in a public place, having publicity, having an elected official visit, having an information table, sending a message to the Ohio Section Manager, having youth participants, having a GOTA coach, having one operator make 20 GOTA contacts, submitting the Field Day package via the Web.

Many people forget that Field Day isn't only about making contacts; it's about teamwork and preparedness. Some of our members did not operate, but they were just as important because they came out with equipment and helped to set up and to tear down.

We did quite respectable in points, I believe. We had 870 bonus points and 884 contact points for a grand total of 1754. That's not too bad since we hadn't done a true Field day in a long time. Congratulations to the members of ZARC for a memorable Field Day.

73 de Lyn Alfman, N8IMW

ZARC Field Day Picture Gallery



Harry Bell, WA8BNS putting up an antenna



Sonny Alfman, W8FHF, Earl Paazig, N8KBR, & Dave Higley, KD8WA putting antenna on tower.

Look for more ZARC gallery pictures in the Sept / Oct ZC.

W8ZZV Field Day 2007

Submitted by Lyn Alfman, N8IMW
ZARC PR Officer

I think that you could classify ZARC's Field Day a success. There was lots of publicity, WHIZ-TV and the *Times Recorder* both stopped by to interview the participants. Numerous visitors, which included Mayor Zwelling, the Director of Recreation and Parks, and many hams, stopped by to see what was going on.

Mult-County Coalition Meeting Minutes

July 2007

Submitted by Lyn Alfman, N8IMW

The call for the Pledge of Allegiance by Chair Sonny Alfman, W8FHF, followed by a prayer by Doris Morris, N8QFM, which announced the starting of the covered-dish picnic at 2:15 PM. At approximately 3 PM, the meeting portion started with a round of introductions of the 35 people present.

From Guernsey County :

Mark Jenei, KC8SBB, and daughter Kelsey Jenei
 Fred, KB8MGI, Barton and XYL Evelyn, KA8NZS, and sons Cale, KC8WOT, and Levi
 Russ, N8MWK, Ellis and XYL Mary Jane Rhodes-Ellis, KD8EIR
 Roger Davis, AB8JH
 Al Day, K8AL
 Dick Wayt, WD8SDH
 Bruce Homer, N8JMK
 Randy Wissler, KD8CNK

From Harrison County :

Trey Barton, N8NAK
 Michael Achhammer, KC8PWW
 Bill Reed, KC8QDR

From Tuscarawas County :

John Poland, N8TRL, and XYL Carolyn Poland, KB8UJA
 Ben Pfeiffer, KA8LLE

From Monroe County :

John Weber, N8MTU and XYL Kathy Weber

From Morgan County :

Jon Barkhurst, WB8NTA and sister, Donna Beharry

From Belmont County :

Bud, K8GBH, Russell and XYL Joan Russell

From Noble County :

Larry, N8RAF, and XYL Anne Mason
 Gen Morris, N8MTP, and XYL Doris Morris, N8QFM

From Muskingum County :

Sonny, W8FHF, Alfman and XYL Lyn Alfman, N8IMW
 Earl, N8KBR, Paazig and XYL Sondra Paazig, N8RNB
 Jimmy Weigele, KB3OAD, student at Muskingum College from Maryland
 Bev Bishop, friend of N8JMK

The following were in attendance and gave reports for their respective counties: John Weber, N8MTU, E. C. of Monroe County; Larry Mason, N8RAF, E. C. of Noble County; Jon Barkhurst, WB8NTA, represented Morgan County; Ben Pfeiffer, KA8LLE, represented Tuscarawas County; Michael Achhammer, KC8PWW, (from Jefferson County) E. C. of Harrison County; Bill Reed, KC8QDR, A.E.C. of Harrison County; Bud Russell, W8BGH, E. C. of Belmont County; Mark Jenei, KC8SBB, E. C. of Guernsey County; Bruce Homer, N8JMK, A. E. C. of Guernsey County; Sonny Alfman, W8FHF, President of Zanesville Amateur Radio Club, representing Muskingum County. These reports contained accomplishments and activities since the March 18 meeting. Also each county/club representative announced upcoming activities and social events.

Bud Russell, W8GBH, E.C. of Belmont County (Eastern Ohio Amateur Wireless Association) invited everyone to the EOAWA's annual Corn Roast at Bark Camp on August 10 at 6:30 PM. Please bring a covered dish. W8GBH also announced that the EOAWA will host the next MCC meeting at the Belmont County EMA building on Sunday, November 11 at 2 PM.

Mike Achhammer, KC8PWW, E.C. of Harrison County, stated that he and Bill Reed, KC8QDR, A.E.C., were in the process of building the communications room for the Harrison County EMA. He said that the project is progressing and should be in full operation by the end of August. Whenever the room is fully operational, there will be a 2-Meter net on the Cadiz repeater on a day and time TBA.

Ben Pfeiffer, KA8LLE, MCC Representative, noted that TUSCO has meetings once a month during the summer and twice a month the rest of the year. Their net is on Mondays at 8 PM on 146.73 repeater. During the last four months, they had Field Day, helped with car show at Gnadenhutten, and activated several WX nets. In the next four months they plan on participating

in the Ohio QSO Party and providing communications for Dover's Halloween Parade.

John Weber, N8MTU, E.C. of Monroe County, that they have not been very involved with the county EMA Director because he is hard to find. John stated that he does have a key to the radio room.

Larry Mason, N8RAF, E.C. of Noble County, reported that the EMA had not purchased the radio equipment that they said they would yet. The repeater took a lightning hit, which took out the wireless Internet system that was beside the repeater. Mason said they only had to replace two fuses and reset a breaker to fix the repeater.

John Barkhurst, WB8NTA, of Morgan County, noted that they do not a club in their county or an E.C. to work with the EMA Director.

Sonny Alfman, W8FHF, District 9 D.E. C., President of CARA and ZARC, reported that CARA had set up an information show and tell at the Guernsey-Muskingum Annual meeting, had a 5-week display at the local library, participated in two Adopt-A-Highway cleanups, held four "fox hunts," participated in the initial tornado siren testing for the EMA, operated a Hopalong Cassidy special event station, activated two covered bridges for the Ohio Covered Bridges OTA Weekend, participated in Field Day, five members attended the ARES Conference, and about a dozen members went to the Dayton Hamvention. He invited everyone to the CARA annual covered-dish picnic in September, date and time TBA

Sonny also reported that ZARC had participated in Field Day and is planning on operating a Y-Bridge SES from Putnam Hill Park in Zanesville on September 29-30. He also stated that the contest group, N8HR plans on participating in the Ohio QSO party and the November Sweepstakes. Dick Wayt, WD8SDH, gave a short talk on EMCOMM classes, followed by a question and answer session. Sonny Alfman, W8FHF, gave a talk on Fox Hunting and on matching up antennas and skip, transmitting, and receiving.

Jon Barkhurst, WB8NTA, won the 50/50 drawing. Non-winning tickets were then drawn for the two door prizes donated by Bruce Homer, N8JMK.

**As A Matter Of Fact I
 Don't Have Enough
 Antennas On My Car**



THE ZARC CARRIER

Danny Grandstaff, KB8RIM
2422 Marion Ave.
Zanesville, Oh 43701

CLUB MEETING:

First Tuesday of each month 7 pm
EOC Building
Adamsville Rd.
Zanesville, Ohio
ZARC Packet Station 144.910

UNDER THE COVERS

- Page 1. Re-Inventing The Tape Di-pole
- Page 1. Radio Field Day
- Page 3. Area Nets; Net Control Stations
- Page 4. Ohio Section News
- Page 4. Ohio Dxers, Contesters Notes
- Page 5. Handi-Hams News
- Page 5. 20 Ways To Maintain a Healthy Level of Insanity
- Page 6. Down Memory Lane
- Page 6. Ham Radio Humor
- Page 7. Ohio Section ARES Report
- Page 7. Things We Hate To Hear On 2 Meter FM
- Page 8. Ham Radio Operators Practice Preparedness
- Page 8. W8ZZV Field Day 2007
- Page 9. Multi-County Coalition Meeting Minutes



HERBERT!