

THE ZARC CARRIER



The Newsletter of the Zanesville Amateur Radio Club

History's Mysteries

By Larry D. Clark, KØRS

To the comfort of the old timer, and often the frustration of the newbie, ham radio remains dedicated to (some would say mired in) tradition. Like many avocations, we have developed a vernacular intelligible only to the initiated. On a hot day we can pull a cool 807 from the fridge. Perhaps we must QRT to take the XYL to the store. Indecipherable phrases to general populace, but clear as a bell to the average ham. Often we perpetuate phrases because they are in general use, but have no idea of the origination of the jargon. I recently witnessed an ongoing discussion on another website about the etiology of one of our weirder conventions, the term; **Hi-Hi**. There was a lot of wild speculation about the origin of this particular term, but it was obvious that the opinions being advanced were only guesswork. Well, as Paul Harvey would say, "Here's the rest of the story."

Everyone knows "hi-hi" is the telegraphic laugh. It was picked up and popularized by phone operators, as that mode of folks think it's silly to on voice. They contend what you mean and not I'll leave that for you to be able that these CW terms in the phone sub-bands. "ha-ha"? It's not like the quicker or easier to send sometimes speculated that "hee", not "hi-hi" because which it is usually sent on drug out, not the normal "dit", two distinct characters.



Many of our traditions before there even was our other favorites, "hi-hi" was used extensively by commercial landline operators, and in the same context in which it's used today. Their code, known as American Morse or Continental Code, was similar too, but with some slight differences here and there from the International Morse we use today. One of the differences was the letter "O", which was not sent as the familiar "dahdahdah", but you guessed it "dit dit", with a distinct space between the elements. Timing not so great as to be mistaken for the letters "E E", but definitely not the "didit" of the International Morse "I". So, it seems, the original term wasn't "hi-hi" at all but (drum roll here), "**Ho-Ho**", a term popularized by a jolly elf in a red suit around Christmastime, and instantly recognizable as laughter. Lots of these landline operators went on to become hams, and the rest, as they say, is history.

Then, what about "**SK**"? It's the term used to indicate "end of work", or in other words, "I'm signing off with you now." Well, just looking at the abbreviations it's logical to conclude that it is short for "silent key", and in fact that is what most hams accept. But like "hi-hi", the true ori-

became common. Lots use CW abbreviations it's easier to just say use arcane codes. Well, decide, but it's undeniable have become ubiquitous QSL? But why not just letter "I" was much than "A" in code. It is the term should be "hee-of the peculiar way in CW. The letter "I" is "didit", but rather, "dit ters. Well, there's our

extend back to a time dio. Like "73", one of

Be Sure To Identify Your Station

By Richard Swain, KK8O
Official Observer Coordinator, Ohio

Greetings from North Central Ohio where we are finally getting some rain.

Every month I review and forward the activity reports that the individual Official Observers send through me to ARRL HQ. With the exception of the "Good Operator" reports, the most frequent item listed is failure to identify properly.

This ranges from not identifying properly to not identifying a station at all.

The Federal Communication Commission lists the requirement and procedures in part 97.119 of the rules we all have to abide by.

Clearly and states that amateur radio must identify at the end of each every ten the contact longer.



simply it every amateur station identify at the contact and minutes if lasts

In chatting with most amateur operators this is very clear but for some unknown reason there is a small group that is growing who believe that they do not have to abide by this rule when operating on repeaters and other places in the VHF and UHF amateur spectrum. We are hearing the same conduct on the HF frequencies in particular on 160 and 80 meters late at night.

Groups, round tables, and nets are getting loose with the non-ID practice also. Net control stations appear to be doing most of the identifying, but other stations in the net must comply with the rule. More often then not, they ID one time, and that is when they check in to the net. Speaking of

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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.

October 2007

3rd Mary Grandstaff, KB8ZXH
 10th Open
 17th Open
 24th Danny Grandstaff, KB8RIM
 31st Zippo Gillogly, K8CYN

November 2007

7th Mary Grandstaff, KB8ZXH
 14th Open
 21st Danny Grandstaff, KB8RIM
 28th 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 see that you get a copy of the ZARC Net Preamble and assign you a Wednesday. Danny Grandstaff, KB8RIM, zcw8zzv@prodigy.net or 740-453-0400.

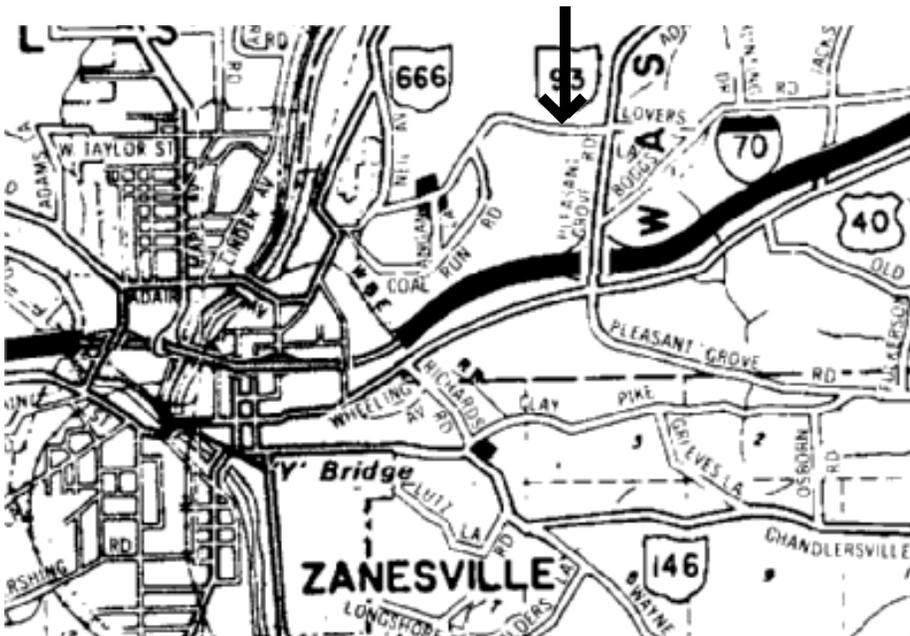
Printing Donated by Dan's Barber Styling, 819 Linden Ave., Zanesville, Oh

The Armstrong Radio Repeater System

	<i>Licking County</i>	<i>Muskingum County</i>	<i>Guernsey County</i>	<i>Perry County</i>
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

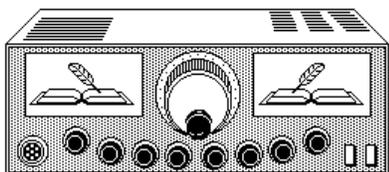
ZARC Six Meter Net 9 PM
 51.135 FM Simplex

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



From the Secretary

ZANESVILLE AMATEUR RADIO CLUB

Zippo Gillogly K8CYN

Meeting 7 Aug., 2007

Attending were: W8FHF, N8IMW, WA8BOV, KA8UWO, N8KBR, KB8JVP, KD8WA, AD4CO, KA8UXT, and K8CYN. (10)

President Sonny Alfman W8FHF brought the meeting to order at 7:02 PM.

There was no official meeting last month because attendance was too low. The June Secretary's report was read and accepted.

The Treasurer's report indicated a current balance of \$651.06. WA8BOV announced that the General Liability Insurance bill for \$320.00 is due in September.

A motion was made to pay the Insurance and was unanimously indorsed by the membership.

The next ZARC meeting will be 4 September 07, probably still at the Emergency Operating Center (EOC), 2215 Old Adamsville Road. KA8UXT, Joe Paul, graciously offered his home as an alternative meeting place, should we be evicted by Muskingum County for the second time.

ZARC will again operate a Special Event "Y-Bridge City" Station Saturday and Sunday September 29-30. Daylight hours only.

The next scheduled Multi-County Coalition (MCC) meeting will be held at the Belmont County EOC on Sunday November 11th at 1400 hours (2 PM).

After some discussion about members who don't attend, it was decided that better communications might help with that problem. Hence, Club Minutes will be published both on our Web Page, and in the "ZARC Carrier" Newsletter.

A 50/50 drawing was held, and won by N8KBR who donated his winnings back to the club. Earl stipulated that the 8 dollars go to N8IMW to help defray the cost of color printer ink used in printing Club QSL cards.

A motion was made to adjourn, and was passed unanimously by the membership at 7:32 PM.

Respectfully submitted, Bronson Gillogly K8CYN, Secretary

Meeting 4 Sept., 2007

Attending were: W8FHF, N8IMW, KB8JVP, KD8WA, AD4CO, KB8JVO, and K8CYN. (7)

President Sonny Alfman W8FHF brought the non-meeting to order at 7:10 PM.

There was no official meeting this month because attendance was too low. The August Secretary's report was read. Treasurer's report was not available as both Treasurer WA8BOV and Vice-President N8KBR were absent due to illnesses.

The next ZARC meeting will be 2 October 07, probably still at the Emergency Operating Center (EOC), 2215 Old Adamsville Road.

ZARC will again operate a Special Event "Y-Bridge City" Station Saturday and Sunday September 29-30. Daylight hours only. Stop by and watch even if you can't help participate!

The next scheduled Multi-County Coalition (MCC) meeting will be held at the Belmont County EOC on Sunday November 11th at 1400 hours (2 PM).

W8FHF indicated that he was working on a plan to involve five or more radio clubs, (from Wheeling, West Virginia to Maysville, Kentucky) in a huge special event. A commemoration of the "Zane Trace" route through Ohio.

Everyone went home at 7:32 PM.

Respectfully submitted, Bronson Gillogly K8CYN, Secretary

Instructions On How To View ZARC Meeting Minutes On The ZARC Web Site:

Go to the home page: <http://zarc.eqth.org/index.html>

Click on Menu item on the left side titled: "News" --- This will take you to the web page address: <http://zarc.eqth.org/hot.html>

Locate the Message Board titled: "Meeting Minutes" --- This is where you can find the ZARC Meeting Minutes.

Earl Paazig, N8KBR



Handihams Courage

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

Avery's QTH: Scanners

Welcome once again to my humble QTH!

Scanners! No! not the kind you use to read stuff into your computer but the kind you use to listen to. What do scanners have to do with ham radio? Well, I have one, a Bearcat Model HT type with 100 memories that I use quite a lot around the ham shack. In the metro area, all the two meter repeater splits are taken and most of the 440 MHz ones too, so it is pretty difficult to monitor more than just a couple repeaters at a time with a normal rig. That is where the scanner comes in handy. With 100 memories I can cover the majority of the repeaters I am interested in and with a fairly fast scanning rate I don't miss much of the information being passed. One thing that is kind of handy during nets is to program in the input frequency's for the repeaters and then you can listen to both the input and out put at the same time. Sometimes when you can not hear a station on the output because of interference you will be able to copy just fine on the reverse (input) frequency. It will also let you know that if you are hearing the station on the input that it is closer than ones you only hear on the output.

Another thing that is quite handy is the search mode for finding all those "HIDDEN" conversations going on in the simplex frequencies. Most often it is kind of hard to find them with a normal rig when you are trying to listen to a net at the same time. In the search mode I just program in the upper and lower frequencies I want to listen between and press a button and the scanner will scan between the upper and lower frequencies stopping on carriers for a couple seconds giving me time to save the frequency into memory if I desire and then continue on. If nothing is heard, it will just keep repeating it's search until I decide to stop it. If there is something interesting, I can just stop the search and listen to whatever is going on. When SKY-WARN comes up, I can monitor the EOC's (Emergency Operation Center) repeaters from several different counties at the same time. The NOAA weather frequencies that are outside the amateur bands can also be monitored and any other emergency frequencies that may be necessary.

In the winter after a large snow fall, I usually listen to the snow removal crews and then determine if I will attempt driving. If they are having a problem with the icy roads with their specially-equipped plowing and sanding trucks, then it is best if I don't venture out in my regular vehicle. Sometimes while wandering around the QTH I may want to monitor something but not want to carry or move the base unit, so then the HT-type scanner works quite well. The only problem would be if someone were to give me a call, so I would have to hurry back to the base unit to answer.

Another thing that is handy is if or when a report of a modulation problem comes back to me I can use the scanner, with the audio output turned way down to avoid feedback, to monitor my own modulation. I have found it is very handy to have a scanner used along with my "ham" gear. If you have used your scanner along with your Amateur Radio gear, I would like to know about it.

Until next time 73 and DX from K0HLA, Avery

Dear Elmer

My medium-sized manual antenna tuner worked fine when I first bought it, but lately it seems to be somewhat intermittent. The SWR indicator jumps around, and one time it will work, then another time it doesn't. What could be wrong? Signed - Sometimes Tuned

Elmer says: When an SWR indication changes and jumps around, I usually check for loose or corroded antenna wires and feedlines. After all, those are the parts of your antenna system that are outside and thus exposed to wind, rain, cold, heat, snow, ice, and plagues of locusts for all we know. That having been said, your antenna tuner is still not off the hook. In fact, once you have checked out the integrity of the antenna and feedline, it may be time to put the antenna tuner on the workbench and open it up for a little exploratory surgery. Some modestly-priced antenna tuners may have been manufactured using pop rivets instead of nuts and bolts to hold components in place. These can loosen up in time and produce intermittents. Also look for places where the paint used on the cabinet is not scraped away

where connections should be secure and electrically conductive - like under those rivets! Imagine a coaxial connector whose ground side doesn't contact the cabinet because of a layer of paint and a loose rivet. You can see why there is a potential problem here. The fix is to replace rivets with secure nuts, lock washers, and bolts after removing paint from the surfaces of the cabinet around the holes. Replace the cabinet, reconnect the tuner, and you are back in business! Your tuner is literally "better than new".



A "Real" Ham's Test

1-Aliens from a highly advanced planet visit's earth and you are the first person they encounter. They give you a small, metallic disc that can eliminate all disease, bring world peace, and a stable economy. Do you:

A-Give It To The President of The United States

B-Deliver It To The United Nations

C-Take It Apart To See How It Works

2-As you grow older what quality of your youthful life do you miss the most?

A-Boundless Energy

B-39 Cents Per Gallon Gas

C-Peak Sunspot Cycles

3-When Is It OK To Hug Another Male?

A-When It's Your Father & You Haven't Seen Him In Over A Year

B-When You Are Performing The Heimlich Maneuver

C-When The Homebrew Antenna You And Your Buddy Just Put Up Actually Works

4-In Your Opinion The Ideal Pet Is:

A-Cat

B-Dog

C-A Parrott That Can ID For You Every 10 Minutes Without Prompting

5-One Weekday Morning Your XYL

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Mysteries *From page 1*

gin is again lost in the lore of those turn-of-the-century landline ops.

These guys often worked for news services, and the newspaper business was every bit as competitive then as the network broadcast news is today. A scoop on a competing paper meant increased sales and prestigious bragging rights. Like all good Morse operators, these men looked for ways to speed up their traffic and the transfer of information on the landline circuits. One way to increase efficiency was to develop numerical codes that stood for common phrases that were repeated often.

Too, the newspaper business was a lot different then. Pressrooms were hot, industrial settings with linotype machines melting lead for type. Typesetters slaved away in noisy, uncomfortable and dangerous environments. It wasn't unusual for the Jimmy Olsons of the day to run from the lineman's office to the pressroom with an urgent breaking story, one page at a time as the Morse operator copied it down off the wire. The lineman needed an unequivocal way to know when a story was finished, so the typesetter wouldn't set a partial story. The numerical code in use provided a way to do this, the signature "30", which meant, "end of work." When the lineman received "30" from the sending station, he knew the article was complete.

Take a look at the number "30" in Continental code. Three is "dididahdit", or _.. And zero, while technically the five familiar dashes, was abbreviated with one long "daaaah", just as we do today. Well, what is that in international Morse but _.. or "SK"! When these guys got on the air with their new-fangled wireless devices, the old conventions died hard, indeed they didn't die at all. And the new guys just coming up picked up the Old Timer's habits without even knowing why, just accepting that that was how it was done. Although it's more rare today with the advent of electronic keying devices, listen to some ham still using a bug or straight key. Nine times out of ten he will drag out the last element of "SK" just like the landline ops did "dididahiddaaaah". He's sending Continental Code without even knowing it! And that, dear friends, "is the rest of the story."

From eHam.net and also reprinted in the December 2002 issue of WASHRAG the newsletter of the Wireless Association of South Hills, Ron Notarius, WN3VAW, editor.



Identify Your Station *From page 1*

nets, did you know that if you are handling international third party traffic, you must also identify the other station at the end of your transmission?

Many round tables sit and talk to each other and loose track of time. Sometimes they ID every 15 to 20 minutes, and other times an hour will go by before anyone even mentions the fact that no one had ID'ed lately. Some groups will get together on a particular frequency and NEVER ID. That one usually gets my attention, and I tend to get out the radio direction finding equipment and go out to where the stations are located.

In other cases, a station is attempting to abide by the "spirit" of the rule but will act sophomoric and say the letters and number so fast that a person can not understand or comprehend what is being said. To those operators I say, "The rule is in place for me not you." You know what your station call sign is, but I do not. You are required to give it so that anyone listening to you can clearly understand what you say.

If you ID using international Morse code that is being sent automatically, it can be no faster than twenty words per minute. That reminds me of the old San Antonio 146.940 repeater when I was stationed there in the early 1970's. It would ID so fast that no one I knew could even recognize it as code let alone copy what was being sent.

One other suggestion, when you ID using radiotelephone, use English. [97.119(b)(2)].

If while identifying, you want to make sure that there is no doubt that your station call sign is fully understood, use the ICAO phonetic alphabet. Yes, you should use it even when operating on FM. Some operators claim there is no reason to do that on FM; but some operators will tell you, "Roger on everything. What was your call sign again?"

Well all of that being said, I would like for those who teach classes and mentor others on the air to pass this information along as postage is getting a little out of hand these days and my retirement check isn't getting any bigger.

One last thing to remember: When you are on the air and you don't hear anyone, don't assume someone isn't listening!

From the Ohio Section Journal, Summer 2007 issue.



Ham's Test *From page 5*

Tells You She Is Not Feeling Well And Asks You To Get The 3 Children Ready For School. You Reply:

A-"We Have Three Kids?"

B-"Is There Anything Special They Need To Take To School"

C-"Sorry, I'm Net Control At 0700 For The Old Ragchewers Net"

How To Score:

Give Yourself 20 Points For Every Time You Answered C

10 Points For Any Other Answer

100 Points-A Real Ham

80 Points-You Have The Potential Of Becoming A Real Ham

60 Points-Better Start Reading QST, CQ & The ARRL Handbook

50 Points Or Less-No Hope. Better Donate Your Equipment To A School Radio Club And Take Up Another Hobby Like

Yard Work, Collecting Paper Clips, Or Go Shopping With The XYL.



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

Licensing Information

Eary Paazig, N8KBR maintains a web site to help those interested in becoming Amateur Radio operators.

It is located at <http://studyguide.eqth.org>

It has free study guides available for all licenses and links to many free materials for the learner and teacher alike.

Upcoming ARRL Exam Sessions within 50 miles of Zanesville can be found at <http://www.arrl.org/arrlvec/examsearch.phtml?zip=43701&dist=50>





Ohio Section News

By Joanne Solak, KJ3O
Affiliated Clubs Coordinator
September 2007 News



ZARC Field Day Picture Gallery 2007

The Dog Days of summer! August is the month for hot days and nights and true to form that's exactly what we have been experiencing. Hopefully, September is going to be a "cooler" month. My favorite time of year FALL!

Picnics, Parades, Corn roasts, County Fairs, Special Event Stations and on and on. Fall is the time for all the above and then some. One thing for sure, you will have to leave for work earlier because Fall also signals Back to School! The school buses will again be seen on the streets and country roads. Slow down! You never know what is around the bend! So give yourself a little extra time for making the trip to work without a "rush"!

There are still some Hamfests in our Ohio Section. Remember to support these so they can remain successful. Hamfests is a great time to find that special "item" you have been looking for, or just to meet up with friends, and even make some new acquaintances. Some Hamfests offer Forums on various amateur radio subjects, check these out, they can be very informative and just what you need to know.

Want to know more about DX in the Ohio Section? Contact the Northern Ohio DX Association. Their primary interest is in DXing. All DXers are encouraged to join this group and share their interest in DXing. NODXA P.O. BOX 361624, Strongsville, Ohio 44136 .

MFJ Enterprises, Inc will celebrate it's 35th Anniversary of their ham radio adventure . They remain an All American Company and informed me that they manufacture well over 2500 different products, more than any other ham radio company in the world! A "BIG" CELEBRATION IS PLANNED September 7th & 8th. Factory tours, Free Lunch and Major Prizes, plus VE Exams, K5MFJ, Special Event Station will be on the air. I have been asked to include this info in my Section News so that if you want "some time away" plan for a trip to Starkville, MS (Mississippi). I don't think you can attend a hamfest without seeing some MFJ equipment at some of the vendors booths. Listen for their Special Event Station!

Don't forget the Ohio Section Conference in Columbus, Saturday September 15th. This is the annual Section Conference. All hams are welcome. The Conference will be held at the State Fire Academy in Reynoldsburg, on U.S. Route 40 East of Columbus.

The Great Lakes Division Convention follows the Section Conference one week later on Saturday September 22nd. The Convention is held in conjunction with the 2007 Cleveland Hamfest. The location of the Convention is the Sheraton Independence Hotel, 5300 Rockside Road, Independence, Ohio Opening ceremonies begin at 11:30 am.

As always, support your local Radio Club and their events! Support the ARRL ! Make sure your CLUB information is current with the Ohio Section and the ARRL. It is more important than ever for your club and members to keep your club information current. File the ANNUAL REPORT FORM ! If you want your Club to be Spotlight Club of the Month, get the information to me by the 12th of the month. I can't print it if I don't have it by the 12th. If there is any information you wish to share with the Ohio Section, get the info to me also by the 12th of the month and I will enclose it with that month's Section News.

Well, enjoy the last days of Summer and look forward for a beautiful Fall Season. That s it for this month. Remember I will certainly see you sometime, somewhere, when you least expect it.

Until then, Best 73,

J o a n n e S o l a k , K J 3 O , A C C O h i o S e c t i o n

*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.*

Here are some more pictures of the ZARC Field Day team.



Dale Tom, KC8AHK at station



Dave Higley, KD8KA at station



Earl Paazig, N8KBR at station



Assembling the shelter

Look for more later.

On The Road With Mike—KC4GS

Well, here it is almost the end of July. It sure has had a few hot days already, and will probably have a few more.

As promised, I now have the mount designed and installed on the truck, the antenna set up, and have even had a few chances to use it on 75 meters. It does a good job, but I have found that I need to run the antenna at right angles to the truck-trailer, as the ends of the dipole get too close to the trailer on the one end, and makes tuning difficult.

The MFJ-949E tuner and the MFJ-259 Analyzer do a good job of handling the tuning. I am making a 40 meter dipole, also, as I think it will tune a little better than the long one.

You need all the help you can get when you operate in less than perfect systems.

The pictures are of the PVC pipe which is wedged between the frame, and held in place against some thru bolts with a rubber strap, and the upright piece which is clamped to a metal side brace on the exhaust system.

The telescoping mast sits down inside the PVC which holds it in place. I raise the top section up part way, attach the center mount and unroll the dipole and coax then raise it up.

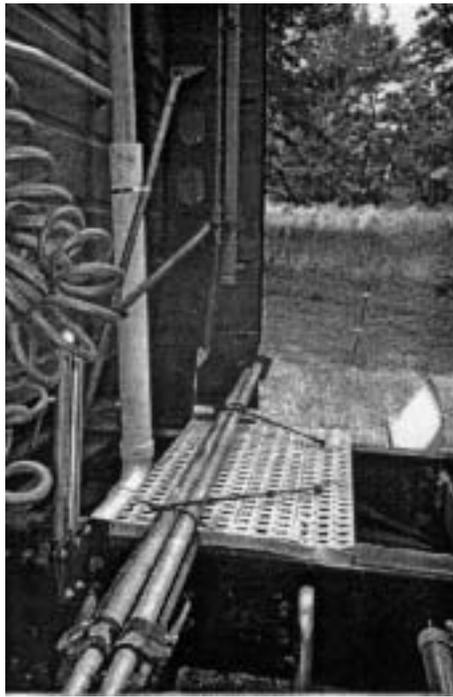
I have to make sure that I keep it off the hot exhaust. I have 1/8" nylon rope tied to the ends of the dipole, and I tie them off to some convenient object, keeping the ends as high as possible. It ends up being more of an inverted-V design, but with the apex lower than you would really

want.

I place a large sign in front of the steering wheel, reminding me not to move the truck with the antenna up. Rather to be safe than to lose an antenna and possibly do damage to other trucks or property.

From the August 1999 Beaming South, Tuscaloosa, Al.

http://www.onramp.tuscaloosa.al.us/~rkbruce/waars_radio/



ELMER

by Rich Regent, K9GDF



ZARC Membership Roster

August 2007

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 W8FHF Sonny Alfman 1975 N. Moose Eye Rd. Norwich OH 43767 (740) 872-3888 12-31-07
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Down Memory Lane

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Fall Multi-County Coalition Meeting

Here is some information about the November MCC meeting from Lyn Alfman, N8IMW:

Bud Russell, W8GBH, E. C. of Belmont County, announced that the Eastern Ohio Amateur Wireless Association (EOAWA) will host the next MCC meeting on Sunday, November 11 at 2 PM in the Belmont County Emergency Operations Center (EOC).

Directions: drive east on I-70; take exit 213. At the stop sign, go right a few hundred feet to the traffic light. At the traffic light, turn left. Go up the hill through the next two traffic lights. Go straight down the dip in the road and at the top of the dip you will come to a sign on the right for the 911 center. Turn right and go back to the EOC (the brown building).

Everyone is welcome to come.

Y-Bridge Special Event Station

It will be at Putnam Hill Park like last year, September 29 and 30, daylight hours only. Contact Sonny or Lyn Alfman if you want to help. See page 2.

From Gary Green, K8WFN

All cell phone numbers are being released to telemarketing companies and you will start to receive sale calls.***YOU WILL BE CHARGED FOR THESE CALLS.*** To prevent this, call the following number from your cell phone: 888-382-1222. It is the National DO NOT CALL list. It will only take a minute of your time and it blocks your number for five (5) years. You must call from the cell phone number you are wanting to have blocked. You cannot call from a different phone number. Or go to: <http://www.donotcall.gov>



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. History's Mysteries
- Page 1. Be Sure To Identify Your Station
- Page 3. Area Nets; Net Control Stations
- Page 4. From the Secretary
- Page 5. Avery's QTH : Scanners
- Page 5. Dear Elmer
- Page 5. A Real Ham's Test
- Page 7. Ohio Section News
- Page 7. ZARC Field Day Gallery
- Page 8. On The Road With Mike—KC8GS
- Page 9. Down Memory Lane



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