

The Wobbly Oscillator Cuyahoga Amateur Radio Society

NO8A Special Event Call

K8ZFR Cleveland Area Repeaters 146.82 - 443.825 - 444.75



MAY 2005

Volume XXXV

Issue V

FROM THE PREZ

As I write this we are coming out of a nasty April weather wise! Record snow for the winter as well as April. I am glad April showers have replaced April snow.

Our April 50/50 raffle was won by Bill Sarver, KC8YSV. Congratulations Bill. CARS and Bill split \$54.00.

T.J. Powell N8UIR a CARS member will talk about his receiving the Presidents Volunteer Service Award at our May 18 meeting.

The Copley - Fairlawn Middle school Ham Club



W8GC showing how a wet cell battery can be made with salt water & a pop can

is doing great. The above photo shows three of the students, Brad KD8BBS, Dave KD8V and myself working on a wet cell battery demonstration & code oscillator kit.

Those attending this year's CW class are doing well per Gary NI8Z. If anyone can get the guy's up to speed it's our Gary "Mr. CW" NI8Z

We have 9 volunteers so far to help on Saturday May 21, 2005 at the Boy Scout Headquarters to help celebrate the rededication of their facility. We will be giving Ham radio demonstrations and answering Ham radio questions from 7:30 to about 3:00 in the afternoon. We can use at least 3 or 4 more members, if you can help for any part of or the whole day please contact me as soon as possible.

We had a great time at the N. Royalton Middle School demonstration Thursday April 28. 11 CARS members participated in the demonstration to 140 students. Mr. DiLillo, Principal and his staff were excellent hosts and happy to have the kids exposed to a day of Ham Radio.



Bill KC8YSV doing an introduction with one of the classes

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A special thanks for all the assistance Bruce May provided both before and during our visit!

That's it for another W.O. this month. I found a couple of funny expressions from aviation that I'll leave you with:

1) Airspeed, altitude and brains. Two are always needed to successfully complete a flight.

2) Mankind has a perfect record in aviation; we never left one up there!

See you at the May 18, 2005 CARS meeting.
de Bob, W8GC

MINUTES of CARS MEETING, April 20, 2005.

President Bob Check, W8GC called the meeting to order at 7:33 PM held at the Busch Funeral Chapel Community Room in Parma, OH. Introductions were held around the room. 28 members were in attendance.

A motion to accept the minutes of the March 16, 2004 meeting was made by Bruce, N8DJX and seconded by Terry, KB8DTC. A vote was taken and the motion passed.

The treasurers report was made by Tina, W8HBI. The club recently paid our equipment insurance and liability insurance, and for NI8Z's ARRL Trip to Toledo where he represented CARS. Several refunds for the Dayton Bus Reservations were also paid. The Dayton Bus had to be canceled since we only had 10 paid spots reserved. We will get our \$100 deposit back from the bus company and all paid reservations have been mailed a refund check.

Bill, KC8YSV reminded everyone to pay through the CARS club if signing up or renewing your ARRL Membership.

He also reported that he sent four invites out to new operators to join our club. A 7th grader at Copley Schools, Sam Henige, KB8BGL passed his technician exam, and a couple of others are getting close to taking their tests.

The North Royalton Middle School demonstration Thursday April 28th was greatly appreciated. We also still need volunteers for the Saturday, May 21, 2005 Boy Scout Event from

8:30 am - 3:30 pm.

There was no program at the meeting, but next month T J Powell, N8UIR will be in attendance to talk about a award for Volunteer Service he received from President Bush.

Bob, W8GC advised that another future program will be a man who went to Antarctic and worked the station KC4AAA during his tour of duty. He is a ham who works with Aaron, KC8INE and it will be scheduled for one of our summer meetings.

Tina W8HBI reported that only a few dues were not paid. Eight individuals and two family renewals will be removed 4-30-05 if not received by then.

Bob, W8GC mentioned that Dave, KD8V the Sunshine chairman is in Texas, and the only card sent that we know of was to Bob, KB8MRC on the passing of his father.

Gordon, W8GTK said a alternate net operator is still needed. And reminded everyone the net is Wednesday nights at 9:00 p.m. check-ins are up!

Bob, W8GC congratulated Jane, KD8BAN, Dennis, KD8APY and George, KA8JHS on passing their General tests and upgrading.

Dave, K8DAV said there is a minor problem with spikes on 82 repeater. A spectrum analyzer with ground plane indoors, about 1/2 mile away measured - 40 db at 146.865 and 146.775. Given 100w out, that about 20 miliwatts - it will be enough to be heard a short distance. We are checking into the problem starting with the transmitter & cavity.

Bob, W8GC announced that 3 new members were being voted on: Sam Henige KD8BGL, Gary Morgan KD8BHS, and Tom Peyton KD8AVP. Since none were in attendance, a motion to accept them as new members was made by Terry, KB8DTC and seconded by Ron, K8VJG. A vote was taken and the motion to accept Sam, Gary, and Tom as new members passed. Congratulations guys!

Tom, WB8N reported on the WO. Still not enough articles coming in, although he is getting more than before. Consider contributing to your *continued on next page..*

newsletter. Send articles to:
NEWSLETTER@CARS.ORG.

Think Field Day! We will be talking about it more in upcoming meetings.

Gary, NI8Z reported on his trip to the ARRL convention March 19th in Toledo. See the April WO for details about the seminars and other aspects of his trip.

Gary reported that the CW Class is currently running with four individuals.

The next VE Session is May 1st instead of the second Sunday of May because of Mother's Day.

Another interesting tidbit from Gary was that Broadband over power line is currently being tested in Akron.

Mike, K8EHP reminded everyone that there will be a Fox Hunt on May 15th between 2:00 - 5:00 p.m. Watch for a e-mail with more details in the near future.

Bob, W8GC reminded anyone who is interested in volunteering to help with the North Royalton School Event next week to please let us know.

Mike, K8EHP and Dennis, KD8APY both volunteered to talk to the kids on the repeater for this event, which is a great help!

Bob, W8GC advised the club that Steve, N8IS was resigning his position as treasurer because he is seldom able to make meetings due to his work schedule. Gary, NI8Z made a motion to have Tina, W8HBI who is the current Secretary, nominated for the treasurer position. The motion was seconded by Ron, K8VJG. Tina accepted the nomination. Being as there were no other people interested in being Treasurer and no other nominations, a vote was taken and Tina was elected CARS treasurer. Nominations for a new secretary were asked for and Tina, W8HBI made a nomination to have Ron, K8VJG for Secretary. Ron accepted the nomination. Being as there were no other people interested in being secretary and there were no other nominations, a vote was taken and Ron, K8VJG was elected CARS secretary.

A board member position opened since Ron K8VJG was elected as Secretary. This board position will be through December 2006. Nominations were accepted for Dave K8DAV, Bill KC8YSV and Mike KB8UGT. Elections were held.

The tally committee said it was a very close vote with Dave, K8DAV being elected as a new board member. Congratulations to our new officers!

The 50/50 raffle was won by Bill, KC8YSV. His share was \$27.00.

A motion to adjourn the meeting was made by Steve, KC8DJV and seconded by Henry, KD8BAO. A vote was taken and the motion passed. W8GC adjourned the meeting at 8:35 p.m.

Respectfully submitted by Tina Check, W8HBI Secretary.

***** CUYAHOGA COUNTY ARES *****

By Mike Deturno, KC8OWL
Cuyahoga County ARES
Emergency Coordinator

There will be a disaster drill on Tuesday, May 24th on the west side of Cleveland involving the simulated rupture of a 30,000 gallon above-ground ammonia storage tank. Cuyahoga County ARES will be included in this disaster drill exercise. A total of 6 ARES members who can be available from around 9:00AM through 12:00 noon or so on the 24th to provide auxiliary / backup communications between key points in the exercise have been requested. As a side note, ARES involvement in this drill was strongly recommended by some of the groups / agencies we have worked with in the past, so it is critically important that we continue to build the confidence of our served agencies by providing accurate and professional communications when called upon.

I realize that this will be a bit more challenging because it is during the work-week as opposed to a weekend, but if we could secure approximately 6 volunteers for this 3 hour activity, we should be able to cover everything very well. Please let me know as soon as possible if you can participate so I can let CECOMS

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know who will be involved. Thank you in advance and please let me know as soon you can via: kc8owl@yahoo.com.

FOXHUNT

By Mike Cegelski, K8EHP

Sunday, 15 May, 2005 at 14:00 is the time to set aside for a really good time...Fox Hunt is a comin'. The starting location/gathering point is the K-Mart parking lot just South East of the intersection of Broadview Road and Pleasant Valley Road. The fox will be hiding in between the limits of I-480 to the North, I-271 to the East, I-80 (Ohio Turnpike) to the South and I-71 to the West. It's not as large an area as it initially seems.

C.A.R.S. has graciously allowed fox hunters to use their 146.82 repeater for check-ins, questions and general use before and during the hunt.

The fox will be transmitting on 145.77 MHz. starting at 14:00 Hrs. for five (5) minute intervals (five (5) minutes transmitting followed by five (5) minutes off the air.). At the initial check-in, give the fox the starting mileage of your car.

There will be two winners. One winner will be the person or team with the least mileage to find the fox and the other winner will be for finding the fox first. You never know, there may be a small prize for each winner, no guarantees.

Regardless of the outcome, the hunt will NOT run longer than 17:00 Hrs. The hunt IS on rain or shine! Bring a friend. Feel free to pass this message on to anyone you think may be interested. The more the merrier!

Also, feel free to print this notice in any newsletter or publication you want. If anyone has any questions, you can email me at: k8ehp@earthlink.net, or call me at (216) 252-6640.

CONTESTING

By Jim Glor, N8GXR

A few months ago at one of our monthly meetings, I talked about some of the contests I

participated in. The first was the Skywarn special event weekend on Dec. 4th. (This was the 6th Annual ARRL – Skywarn special event.) Here in Buffalo NY where I live, it was held at the national weather service office. There were about 108 NOAA stations participating and the goal was to get as many NOAA contacts as possible in addition to as many states too. 75, 80, 40, 20, and 15 meters were the main bands used.

In Jan., I participated in the Jan. VHF – UHF sweepstakes. This was a first for me and I thoroughly enjoyed myself making contacts on 2m, 70cm, and 6m single side band. You work as many amateur stations in as many different 2 degrees x 1 degree grid squares as possible using authorized frequencies above 50 MHz. Foreign stations work W/VE amateurs only. There is another VHF – UHF sweepstakes coming up in June (11-13th) and I encourage you to participate in it.

Don't forget field day this June 25-26th. A great time for all amateur operators to use those privileges you studied so hard to get and to have a great time with your amateur friends. It's also an excellent time to introduce others to the hobby.

'73 N8GXR, Jim

STARTING IN AMATEUR RADIO

By Philip Ricca, K8MPL

The launching of the Soviet Sputnik was an exciting event. Its transmissions of simple data was received by amateurs including a high school friend of mine. He recorded the signals from his BC-348 surplus receiver. My friend introduced me to basic amateur radio amateur theory and code. He lent me a homemade code oscillator and spent time on the telephone sending and receiving code. It took awhile but I finally began to feel comfortable with cw and was referred to a local ham to take the Novice test.
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That ham, W8NOG, now a silent key, helped me with radio basics and was of great help.

I still remember the day I took the Novice test. My dad drove me to W8NOG's home. I had a tough time with the code test but did finally copy the necessary characters. I sure was happy to finally find my way to the Novice license.

The help of interested high school friends and members of the amateur community were invaluable in my entry to the amateur ranks. CARS setting up an amateur station at a local middle school is a great aid in promoting interest in this great hobby.

SETTING UP A BEACON PART II

By Dennis W. Rabbits, KD8APY

(Editor's note...to refresh your memory or in case you missed the first installment of Dennis's article, check the March 2005 issue of the W.O.)

This whole project started off to be set up on 23 centimeters. After a couple of emails back and forth with Bob (W8GC) I had made my mind up. The 23 Centimeters was the way to go; 1296.8-1297.0 Experimental beacons (exclusive).

So the search was on for a kit that I was able to afford and be able to construct with out too much trouble. I was able to find a couple of kits that where for SSTV . Then there where schematics for transmitters that said make with readily available parts. I have been told that before. It's not like the old days when you could go to radio shack and pick up what you need. First you have to get a coal shovel and move the cell phones out of the way.

I found myself losing ground fast. So I have to start looking at different bands to try. The two meter band has a nice little area for cw and with in my license class. I found a radio kit that sold for about 100 dollars. The cost was a bit high and I thought the time to do the kit might be more than I can handle.

That's when I decided to upgrade my license.

Then I was able to pick from a couple of cw transmitters from Ramsey. The one that I went for was the 20 meter cw transmitter. I also got the 20-watt amp that works with the same transmitter.

The Ramsey QRP20 came with a 14060 MHz crystal that was installed in position A that is connected to a push button slide switch. There is a place for you to put one of your choice in position B. The pot will let you adjust the frequency from 140493 to 140577. I am sure this will vary with each unit. One of the things that you should look out for is to know your components. On the backside of the board is all sliver so you get a lot of clear. Make sure that you have adequate task lighting.

When I had completed the kit. It was time for testing. I powered up and keyed the transmitter. To my amazement it didn't work. I had one of the dreaded cold solder joints. With a short time out for repairs, she was ok. There are a couple of different ways that you can check for power. One way is to use a pr-4 lamp. If any flashlight bulb lights up. When connected to the antenna jack. You can be satisfied that you have RF output. Lets not forget that this is not a match to your Transmitter. If you're going to do any long period of testing use a dummy load. A 5-watt CB dummy load will work nicely.

When I checked mine out I used a low wattage watt meter. I found it putting out 1.2 watts. I was pleased with that. It had plenty of power to kick on the 20-watt amp if I decide to use it.

Next I have to find a memory keyer. I found them from 15 dollars to \$250 dollars. The decision was easy. The Norcal Keyer for \$15 dollars. It can store 40 characters and has a beacon mode.

The Norcal Keyer was pretty straight forward. Easy to follow instructions. No missing parts and all marked as the instruction said. The only problem was with there programming method. I think that can be cleared up a bit. All in all, the money well spent. If this is your first time trying to do a kit, this is a good one to start with. The Solar Panel is next. I bought one to
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experiment with but was not happy with the wattage output. So I picked up one that was 5 watts and 450 ma. The transmitter only consumes 250 ma. I will try the smaller cell for a while to see if it can keep up. If it can't keep up I will change to the 5-watt output.

That leaves a place to store the power. I picked a 12-volt rechargeable battery It's time to start to put some of these things together to see how they work out. I put up an inverted V dipole for an antenna.

It will be some time before I find out how things are working. I had a lot of fun putting this project together. Things will change as I go and find out different ways to do things. That's part of the learning process. It is far from being done. I will have many more hours of fun working on this Birdsat. It lives in a birdhouse and wants to be a satellite. If you do hear it out there please QSL.

This has been a look into one Ham's hobby. At the time of this article the beacon was set to transmit on 14.050 MHZ with one watt. I still haven't given up on the 23-cm unit.

DO NOT CALL LIST ALERT

In a few weeks, cell phone numbers are being released to telemarketing companies and you may start to receive sales calls on your cell phones.. You will be charged for these calls. This information may or may not be based on fact, but it does not hurt to be wary regarding this.

Call this number from your cell phone 888-382-1222. It is the number for the national DO NOT CALL list. It only takes a minute of your time and it blocks your number for five years. You have to do this for each cell phone number you have. You can also go on-line and do all your cell phone numbers at one time. Go to www.donotcall.gov and "get er done!" By the way, if you have not protected your regular phone numbers in this manner, this is a good time to take care of them as well.

This has been a public service by the Cuyahoga Amateur Radio Society.

MAY BIRTHDAY LIST

W8JAK Jack Andrisin 5-1-42
KC8ZBN Marian Rubin 5-1
KB8QHC Robert Glover 5-6-48
KC8WBH John Chesna 5-6
KD8ACK Gary Milstein 5-9
WD8CHL Jim Barbour 5-9-58
WD8CWD J.W. Cox Jr. 5-11-41
KC8RYH Kayla Check 5-12-90
KA8MZS Michael Mraz 5-12-40
WB8UES Sam Jenkins 5-13-32
K8VJG Ron Borkey Sr 5-20-32

Congratulations to one and all, and many happy returns!

DX NEWS

Visalia, California, 4/16/05) - CQ magazine today announced the revival of the long-dormant CQ DX Marathon, last run in 1948.

The new CQ DX Marathon will essentially be a year-long DX contest, with stations competing to contact as many different countries ("entities") and CQ Zones of the World as possible over a full-year period, then starting again at zero at the beginning of the next year.

The new CQ DX Marathon is part of CQ's broader "Waking Up DXing" program, whose goal is to reinvigorate DXing, or contacting hams in faraway places. The program was outlined for the first time at the International DX Convention in Visalia, California on April 16.

TEN UNDENIABLE HAM TRUTHS

1. That antenna is only temporary.
2. If my wife ever finds out what this stuff costs, I'm a dead man.
3. The worthless stuff thrown away today, shows up on E-Bay tomorrow!

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- 4.If you can't sneak it through the basement window, bring it in the front door, wrapped in a fur coat.
 5. You have absolutely no trouble finding your car in a parking lot. Unless you are at a hamfest.
 - 6.One of your antennas or pieces of gear, that you seldom if ever use, develops a problem. Now, all of a sudden you must fix it, as if you use it daily.
 - 7.The XYL will ALWAYS need help with something DURING a QSO, never before or after the QSO.
 8. During tornado watches and warnings, we are more concerned with our antennas coming down that we are with our house being torn apart.
 - 9.Computer nerds think that Hams are the real weirdo's
 10. Christmas and Birthday come about 15 times a year. (Or whenever an unbudgeted radio purchase comes up.) Technically, I shouldn't be getting any more "presents" for the next 10 years.
- Reprinted from the 20/9 Club News, 3/05
(How true it is!)

FROM THE VP

Field Day is THE contest. I once heard a ham say "Field Day is like Christmas for hams." How true.

Since I have been participating in the CARS Field Day events we have had an "Eight Alpha" effort. That means we have eight individual stations transmitting simultaneously. We operate SSB, CW, RTTY, Satellite and PSK. This ends up being a lot of work for a lot of people, but the results have been gratifying. Last year we captured second place in our class. In 2005, we want to improve.

Just as much as the operating, the comradery and fellowship gained is as

important. Working all night with fellow hams in hot, sticky or cold and rainy weather, battling through pileups and pulling in weak signals creates a bond like no other. Some of my closest relationships with CARS members began during Field Day.

When the last antenna is pulled down and the vehicles head for home, it might not seem like it was worth it; but after a relaxing shower and some good sleep it all sinks in, and most wouldn't trade the experience for anything.

For the last several years, we have used the Al Koran Shriners pavilion on Edgerton Road in Broadview Heights. You couldn't ask for a better setup. The location is beautiful and the facilities are excellent. We always have great food and snacks with the much welcomed and appreciated help from members and family. All the folks who come out to visit can surely attest to that.

We only need one thing to make it better. **MORE MEMBERS PARTICIPATING.** We have a tough time keeping the stations operating for the full time period. We could also use some moral support if you just want to come out and visit. One thing cool about an event station like this is anyone with a Technician license can operate on HF. I received my Technician ticket in April and that year at Field Day was my first experience in operating HF. It was great!

Some of our members may work second or third shift, so being natural night owls would really help out in the wee hours. Sunday morning produces a lot of red eyes and low energy levels, so anybody that can't make it out before that will be welcomed like a ship to a marooned life raft.

So now is the time to circle your calendar for the last weekend in June to come out and join the CARS Field Day event.

de Toby,
WT8O

THE RANDOM WIRE

By Tom Wayne, WB8N

JUST AROUND THE CORNER

Yep, I'm talking about the Dayton Hamvention. It is soon drawing near! I am starting to get psyched up already. It is too bad that the CARS bus to Dayton had to be cancelled due to lack of interest, but most of the CARS members who go to the Hamvention spend at least 2 days down there and drive down anyhow. I hope as many of you who can get down there this year do so. It should prove to be a good one, as the ARRL is holding their convention in conjunction with the Hamvention. The Hamvention runs from Friday June 20th thru Sunday June 22nd this year.

I plan on taking part in the Wouff Hong ceremonies on Saturday night at the Crown Plaza hotel, which is going to be hosted by our own ARRL Ohio Section Manager, Joe Phillips, K8QOE. I'm really looking forward to that!

LET IT SNOW...NOT

Man oh man! Did we ever get fooled. Just when we all thought it was safe to go outside and play, we got nailed by what I fervently hope was out last blast from ole Mother Nature. I lost a plumb tree in my back yard which came out by the roots due to the heavy wet slop they were calling snow, and there aren't too many tree lawns in my neck of the woods that don't have branches awaiting pickup or shredding by the city crews. As I am writing this (Sunday, May 1st) they are calling for a sprinkling of snow tonight. Geeze! Enough already!

NORTH ROYALTON DEMO

This past Thursday, April 28th, some of us got up way too early in the morning and traipsed over to the North Royalton Middle

School to put on an Amateur Radio demonstration for the kids. This is the 2nd year in a row CARS members have done this, but the 1st year for me. What a great time we all had!

Bill, KC8YSV met each group of students and their teachers as they came into the gym and gave them an introductory talk about Ham Radio.

Gary, NI8Z and George, K8KR each had a table with a Morse code keyer and demo'd cw for the kids, letting them send their own names in cw as well. George can't get over how quickly the kids picked up the code and how well behaved the kids all were. He thinks there is hope for our younger generation yet!

Bob, W8GC showed the kids a slide program on CARS and some of the projects and events we get involved in as a club.

Dave, KD8V and Toby WT8O worked at a 2 meter radio station and let the kids talk on the air to Mike, K8EHP & Dennis KD8APY who were at home and Roger, N8TCP who was mobile.

Rick, N8ZN had a loop video tape running on a monitor of Walter Kronkite telling about how Hams help out in times of disaster and he also demo'd Robby the Robot to show how radio can be used to control things. He let the kids play with the robot as well, which they got a big kick out of!

Ron, K8VJG and your's truly had an HF station set up, using Ron's Yaesu Mark V rig and Bob's SteppIR vertical antenna which was erected just outside the school gym, where all this took place. Ron and I lucked out on HF!
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Ron heard V31JP in Belize on the air talking with a mobile station. Ron broke in and asked the operator, whose name is Joe Pontek, if he would standby for a bit and talk to some of the kids. Joe said he would be glad to. He signed with the mobile station and spent a good two and a half hours talking to the kids as they took turns at the microphone. Joe finally had to go QRT, as he had a workman standing around waiting for Joe to show him what work he wanted done at his place.

Joe is from Indiana and his home call is K8JP. He is a retired electronic engineer and winters in Belize. He and his wife drive back and forth. Joe told me they drive because they always have a bunch of stuff to take each way. One trip, Joe hauled a 60 ft. antenna tower, in sections, on top of his Chevy S-10 pickup truck from Indiana to Belize!

We had some slim pickings on HF for a bit, not being able to find anyone to talk to the kids, but finally hit on a submariners net being run by a fellow in Corpus Cristi Texas. They talked to the kids for a while, and then we happened on Luis, CT2ITR in Portugal. Luis spent a little while talking to the kids, and we really appreciated the efforts of both Joe and Luis in helping us. They will be receiving QSL cards from NO8A, along with the few other stations we were able to talk with.

The school staff was very appreciative of our efforts and had coffee, hot water for tea, breakfast rolls, cookies, and juice in the morning and supplied us with pizza and soft drinks for lunch. I'm not sure who had the most fun, the students or us Hams. A few of the teachers got on the air at both radio stations as well.

The kids were asked to grade us on our efforts at each demonstration and the grades we received were interesting to say the least. Bob will tell us about the grades we received

at the next meeting. which will be on Wednesday, May 18th, 7:30 p.m. at the Busch Funeral Home community room.

W.O. CONTRIBUTIONS

I'm really happy about the great articles contributed for this month's issue of the CARS Wobbly Oscillator newsletter! Besides the usual contributors such as Bob W8GC, Tina W8HBI, and Toby WT8O, I want to thank Mike K8EHP, Dennis KD8APY, Jim N8GXR, and Phil K8MPL for their great submissions. If you submit it, we will print it! Within reason. I think. Hey, after all, it IS an award winning newsletter! Let's keep those articles coming folks. The more the merrier. Like I keep saying, it's your newsletter and it is only as good as the articles you submit. I'm only the editor. I need all the help I can get!

FREE MEMBERSHIPS TO CARS

The next time you talk to Ron K8VJG, ask him about the special "free" memberships to CARS he is offering. That can get kind of expensive, huh Ron?

ADIOS AMIGOS AND MUCHACHOS

That'll about do it for this month. Catch you on the repeater (don't forget the net each Wednesday at 9:00 p.m.) and/or at the May meeting. I just realized...that is the day before I leave for Dayton. It is closer than I think! As Larry the Cable Guy says..."Get er done!"

73 for now,
de Tom, WB8N

HAMFESTS COMING UP

Here is a list of the Ohio hamfests coming up this summer and fall. For more information on an of these hamfests, go to the ARRL Web Site. Some Ohio hamfests may not be listed

here because the information was not available as of the publication date.
Dayton Hamvention, Dayton OH, May 20 - 22

Milford ARC, Milford OH, June 18

OH-KY-IN ARS, Cincinnati OH, July 23

Portage HamFair, Randolph OH, July 31

Voice of Aladdin ARC, Columbus, August 6

Warren ARA, Warren OH, August 21

Findlay Radio Club, Findlay OH, Sept. 11

Cleveland Hamfest, Cleveland OH, Sept. 25

generators, and supplies must be carried in at great personal cost and risk.

Ham Radio Operators enjoy making contact with stations all over the world. For ham radio purposes there are 335 places in the world that have "entity status"; that is, they each count as separate countries.

Competition is strong among ham operators to make contact with all of them. Intrepid amateurs often make trips to Europe, Asia, South America, Africa, etc. and set up stations in hotels, cottages and private homes in those countries to provide contacts from there. It's fun!

Other countries are a bit more difficult to operate from -- many such countries are places where no one lives (it's difficult to make radio contact with a country without a population)!

"DXing"

Here's an explanation from the Delta DX Association:

DXing, one aspect of the hobby of Amateur ("Ham") Radio, is an abbreviation for "distance" and is used as both a noun (DX, DXer) and a verb (DXing) to refer to the pursuit of radio contacts, often under extremely difficult conditions, with distant stations all over the Earth (and beyond, as some are now doing!).

The enthusiasm of DXers is exemplified by the frequent DXpeditions mounted by Hams, in which operators venture forth to some corner of the globe that may be uninhabited, lacking Ham radio activity, or just an interesting place to go, for the primary purpose of providing the rest of us with radio contacts with that spot!

Some are true expeditions in the classical sense, in which equipment, shelters,

From time to time, adventurous ham operators make expeditions (called DXpeditions) to one of those countries to provide radio contacts to the international ham radio community.

The Wobbly Oscillator is a monthly publication of the Cuyahoga Amateur Radio Society, P.O. Box 31264 Independence, OH 44131-0264.

Articles may be reprinted in any Amateur Radio related publication, provided credit is given to this newsletter and the author, if known.

All submissions should be emailed in .doc, .wpd, or .txt format to: newsletter@cars.org by the end of the month for publication in the next month's issue.

CARS 2005 Officers & Committees

Audit

Toby WT8O ** Tina W8HBI, Gary NI8Z

ARRL Liaison

Bill Sarver KC8YSV **

Media Representative

Don KC8NIX **

Christmas Party 2005

Gary NI8Z ** Steve N8IS ** Tina W8HBI
Tom WB8N

Community Education & School Programs

Dave KD8V ** Steve N8IS ** Tina W8HBI,
Kayla N8KAY, Bill KC8YSV

Contests

George K8KR **

Development

Bob W8GC ** All officers

Diabetes events

Tom WB8N ** All CARS members

Field Day

Tom WB8N ** All CARS members

Fox Hunts

Mike K8EHP ** N8IS, N8TCP

Ham License classes

Bob W8GC ** Gary, NI8Z ** Tom WB8N, Steve
N8IS, Ron K8VJG, Bruce N8DJX, George K8KR,
Dave K8DAV

Interference & Jamming

W8GC **, NI8Z, N8IS, N8TCP, WB8N

Scouts

Steve N8IS **, Tina W8HBI, Kayla N8KAY

Lighthouse events

Toby WT8O ** 440-572-1544

Mentor/Elmer

Bill Sarver KC8YSV ** Ron Borkey K8VJG **
Tom WB8N, Bob W8GC

Membership

Tina W8HBI ** Bob W8GC **

Museum Ship W. G. Mather W8WGM

Bob W8GC ** Lin WD8SDP ** All CARS members

NET

Gordon W8GTK **

WO/Newsletter

Tom WB8N ** 440-232-4193

Program directors

Bill KC8YSV ** Jack W8JAK **

QSL manager-NO8A & W8WGM

Tom WB8N **

Refreshments

Terry KB8DTC **

50/50

Kayla N8KAY **

Sunshine (welfare)

Dave KD8V ** 330-666-8721

Technical

Dave K8DAV** Bob W8GC ** Terry KB8DTC
Vince N8OVW, Tom WB8N, Jack W8JAK, Jim
WD8CHL

VE exams

Gary NI8Z ** 216-642-8705

Web Master/e-mail

Dave K8DAV ** Bob W8GC **

** chairman or co-chairman

2005 Officers

PRESIDENT

Bob W8GC 216-524-1750
president@cars.org

VICE-PRESIDENT ****

Toby WT8O 440-572-1544
vice-president@cars.org

SECRETARY ****

Ron K8VJG 440-237-6718
secretary@cars.org

TREASURER:

Tina W8HBI 216-328-0432
treasurer@cars.org



Board Members

even year executive board 2 year term;

George K8KR
Gary NI8Z
Dave K8DAV

odd year executive board 2 year term;

Gordon W8GTK
Terry KB8DTC
Tom WB8N

K8ZFR trustee

Tom WB8N

NO8A, WA8CMS & KD8AQD trustee

Bob W8GC

