

The Wobbly Oscillator Cuyahoga Amateur Radio Society

NO8A Special Event Call

K8ZFR Cleveland Area Repeaters 146.82 - 443.825 - 444.75



APRIL 2006

Volume XXXIV

APRIL FOOL ISSUE

Issue IV

FROM THE PREZ

Greeting all. It looks like Spring is just around the corner and another busy Ham season is starting. Work on the W.G. Mather Museum Ship in its new location at Dock 32, Dayton, Diabetes Tour-de-Cure, Field Day, Macedonia Scouts, Summer Family picnic just to mention a few of the things coming up. Get involved! Contact a Committee Chairman ASAP!

Please remember if you have an eligible child please contact the Scholarship Committee for an application. The forms are available at www.2cars.org or contact Scotty, WA8SLN chairman by phone, mail or e-mail for details.

Mark July 15 on your calendars for a CARS family picnic at the Independence City Park on Selig Drive. Time to be announced. CARS will supply charcoal, hot dogs, hamburgers, chips, pretzels, pop and water, just bring your family and maybe some cooking utensils for the grills or other goodies. We may set up a Ham station for the event. More details to come, George, K8KR will be the Chairman, Steve, N8IS, Gary, NI8Z are on the committee, and I am working on 2 or 3 additional members to help on the Committee. Volunteers?

Next months program will again be one of our members, Brad Bennet, KD8BBS who will present a history and demonstration of slot cars. Brad puts on a yearly show attended by people from several countries as well as the US.

Lastly, I wish to thank Ron, K8VJG for filling in as refreshment chairman for 2 months while Henry KD8BAO is attending school. Also a big thank you to Ed, KD8CLC for bringing Pizza to last months meeting.



Picture of the pavilion where our Summer picnic will be held.

That's it for another WO. This month's thoughts: *People who have what they want are very fond of telling people who haven't what they want that they don't want it.*

73, de Bob, W8GC

From The Prez.....	pg one
Meeting Minutes.....	pg two
Skywarn.....	pg three
Scholarship info.....	pg three
KD8V.....	pg three
Fox Hunting.....	pg four
Yeasu FT 857-D.....	pg four
Copley School Club.....	pg five
Making of a Ham Fest..	pg six
Random Wire.....	pg eight

MARCH MEETING MINUTES

President Bob Check, W8GC called the March 2006 C.A.R.S. meeting to order at 7:35 PM at the Busch Funeral Chapel Community Room in Parma, Ohio. Twenty-two C.A.R.S. members and three guests participated as introductions were given around the room.

Tina, W8HBI gave the treasurer's report. She also mentioned there were several members who still need to pay their dues for 2006, and that they have been contacted. Tina added that the treasury has been earning respectable interest in the money market account. Terry, KB8DTC motioned to accept the treasurer's report, and Gary, NI8Z seconded. Motion passed.

Steve, N8IS motioned to accept the February meeting minutes as presented in the March Wobbly Oscillator and Bill, WA8GEO seconded. The members voted on and passed the motion.

Bill, KC8YSV began the committee reports covering the school project, meeting programs, and ARRL activities. He was happy to say Scotty, WA8SLN, brought his experience and knowledge to the Copley Middle School, and is planning to bring electronic projects for the students to work on. Bill added that the school received two Yaesu VX-170 handheld transceivers from the ARRL as part of "The Big Project". He also reported that C.A.R.S. has been asked to do a ham radio demonstration by the Macedonia Boy Scouts. Bob, W8GC and Steve, N8IS volunteered to do the demonstration, since they are both Boy Scout merit badge counselors. Bill informed the group that Brad Bennet, KD8BBS, would do next month's meeting program, a history and demonstration on slot cars. Brad is the wrestling coach at the Copley Middle School. Bill also asked the members for any ideas they may have for future meeting programs. He concluded by reminding the group to pay their ARRL dues through C.A.R.S., which gives our club a portion of the dues.

Bob, W8GC reported that the C.A.R.S. Board recommended a meeting time change to the second Tuesday at 7:30 PM. The meeting room at Busch will not be available at our usual third Wednesday evening time, since there will only be one community room in the future. Bob commented that we will try to find a new meeting venue in order to

keep the C.A.R.S. thirty year tradition of the third Wednesday alive. Bob, KC8MRC said it may be possible to use his church in Bedford Heights on the desired evening. He will check this out and report back. Gary, NI8Z motioned that for the present, we move our meetings to the second Tuesday. Terry, KB8DTC seconded the motion. The members voted on and passed the motion.

W8GC also reported that the Board had approved a family picnic in July. The date of Saturday, July 15th was chosen to coordinate with other summer club activities. The pavilion at the Independence Civic Center has been reserved. C.A.R.S. will provide food and refreshments. This will be a family orientated activity, so bring the XYLs, OMs, and kids.

Our sunshine committee chairman Dave, KD8V will update next month. He has been out of town. After spending time in Atlanta, he traveled to Michigan to watch his grandson capture a state championship in wrestling.

Toby, WT8O reported that the net was doing fine, as checkins were still in the fifteen to twenty range. Steve, N8IS suggested we rotate net control so all C.A.R.S. members get experience handling the net.

Our webmaster, Dave, K8DAV said one interesting suggestion he received was to feature a member's station on the website. He offered to visit anyone's station who was interested, and take pictures for the feature. The comments that buzzed around the room favored this as a great idea.

Tom, WB8N, editor of the WO, addressed the group and asked for contributions. Tom offered to do any editing, making it easy for anyone to write and send in an article. It is always appropriate to thank Tom for the great job he does on our award winning newsletter.

Gary, NI8Z gave his report as VE chairman. He said the last VE session was quite successful, with five people passing or upgrading. He said the next VE session would be scheduled for the first Sunday in May. Gary also informed the group that the new Technician test and question pool would be in effect for the July session.

continued on next page...

Ron, K8VJG has stepped up to handle the refreshments for the next couple of months, due to a scheduling conflict for Henry, KD8BAO. Thanks to both these guys for the fine job they do. Steve, N8IS won \$26 in the 50/50 raffle, with \$26 going to the club.

Ron, K8VJG motioned to adjourn the meeting. Bill, WA8GEO seconded, and the C.A.R.S. March meeting was adjourned at 8:17 PM.

Respectfully submitted by Toby Kolman, WT8O, C.A.R.S. secretary.

C. A. R. S. SCHOLARSHIP

As you should all be aware of by now, C.A.R.S. has instituted a scholarship fund for which all members relative children of college age are eligible to apply for.

The response (judged by the small number of applications received) has been less than inspiring. This is a wonderful opportunity for the membership to help their young relatives leaving High School and continuing their education in college or technical institutes.

Please be reminded that the final date for this year's scholarship applications to be received for consideration will be MAY 30, 2006.

Please download an application form from the C.A.R.S. web page and help make this new program a success.

KD8V LOW POWER SATELLITE FORUM

Since most of my ham operations have been of the low power variety, I've taken things one step further. I have started a forum for those interested in operating the amateur satellites using 10 watts or less on the transmitter. This does not mean if you run more power you cannot join it's just that I believe those who want to run low power should have a place to discuss experimenting, setting up schedules or just make

comments. To access the board just go to my home page and click the link....www.kd8v.com.

SKYWARN INFO

Submitted by Dave Lay, KD8BMT

SKYWARN Spotter Training is **FREE** and Open to the Public. You will be trained and enrolled in the program. You do not need to pre-register.

■ **Cuyahoga County** 4/25/06 7:00 PM (also a LEARA meeting,
Dimitri's Restaurant
1830 Snow Rd. Parma, OH 44129

■ **Lake County** 4/4/06 6:30 PM
Lakeland Community College Bldg T-129
7700 Clocktower Drive Kirtland, OH 44094-5198

■ **Portage County** 4/26/06 6:30 PM Maplewood Career Center.
7075 State Route 88. Ravenna, OH 44266

■ **Summit County** 4/18/06 6:00PM
O'Casek Government Building
161 South High St. Akron, OH 44308

For the complete official list please check the National Weather Service of Cleveland, Ohio's web site at:

www.erh.noaa.gov/cle/skywarn/training/spotran.html.

Cuyahoga County Skywarn's website is www.ccsw.us

Being a storm spotter not only means dedication, but also training. Each spring the Cleveland office of the National Weather Service trains members of police & fire departments, emergency management officials and amateur radio operators on spotting techniques. Typically the training is coordinated by a local group (such as an *continued on next page....*

emergency management agency), and a NWS meteorologist serves as the guest instructor. The goal of the training is not just to recognize tornadoes, but to have some understanding of storm structure, which in turn better prepares the spotter for the extreme and unusual circumstances.

If you need more information get in touch with me.
73, Dave, KD8BMT

ULTIMATE FOX HUNTING

By Mike Cigelski, K8EHP

This years Sixth USA Championships of ARDF (Amateur Radio Direction Finding) will be held uncharacteristically early in Raleigh, North Carolina in April 7 - 9, 2006. The event will be held within the bounds of The William B. Umstead State Park.

This years competitive field is larger than usual with entrants not only from our country but also as far away as Great Britain and Mongolia. The age spread includes people from their mid teens up to and including the mid sixties. Representing N.E. Ohio (read Cleveland) will be my wife, Mary Cegelski (KC8YLC) and myself (K8EHP). There are several age categories for both male and female to keep the competition as fair as possible. While you don't need a "ham" radio license to participate, almost all the runners are duly licensed.

There are two days of competition, the first day being held on the two meter band and the second day runs on seventy - five meters. With any luck at all between the two of us some medals will be brought back home. Regardless a whole lot of fun will be had to say nothing of sharpening homing skills. Wish us luck!

Good luck Mary and Mike. Give us a report when you get back. Ed

The YAESU FT 857 – D

By Jim Glor, N8GXR

After nearly twenty years of procrastinating about buying an HF rig for every reason in the book of excuses, I finally decided enough was enough and it was time to buy one or shut up. I was also threatened by a fellow amateur up here in Buffalo NY. It went something like this: "If you want to operate HF this summer at Field Day and International Light House week end, you're going to have to buy a rig of your own." It wasn't said in a threatening manner, just a polite manner with a smile attached.

Well it was do or die! So I decided to give my self that long over- do Christmas present; an HF rig. The choices were the ICOM 706 or the YAESU 857. Well, I pondered for awhile weighing this against that and I, (after a few minutes), finally decided to get the 857. The main reason was the price; two to three hundred dollars less than the ICOM.

I chose the MFJ 949E Antenna Tuner and the YAESU Dynamic Microphone-MD100. My antenna is a home brew G5RV made by a fellow Ham, AB2RR, Herman Montalvo.

The rig has just about every you would want in a rig. The numbers and letters on the LCD are smaller than the 706 but one quick push of a button enlarges them, though you lose some of the characters in doing so. What you lose is minor however.

It covers 160 thru 10 meters on HF, plus 60 meters; also 6m, 2m, 70cm on FM/SSB. All the AM and FM broadcast stations (WFM). Of course you can do CW, PACKET, and Digital modes. There are other options available if you buy them. Finally there are 200 memory channels.

One thing I found rather interesting is that you can have the different bands in different colors on the LCD in the VFO. You can change the color of the memory channel banks too. I thus far can only make memory channels all one color. I'm sure

continued on next page....

there is a way to do this. I just haven't figured it out yet.

SSB/CW/FM AM Carrier

RF power output: 160-6M: 100W 25W

2M: 50W 12.5 W

70 CM: 20W 5W

There is a lot more to this Rig. It Looks complicated to operate but isn't. I've made a contact to Bavaria and my friend Herman reached Italy (Milan) all on approximately 50 watts; with reports of 5x8 signals. My station hasn't been up all that long so I still look forward to those DX contacts down the page. Let's hope I stay at this location for a number of years since I've only moved 10 times in the past 22 years!

73, de N8GXR Jim Glor

Copley- Fairlawn students going global

Radio club allows middle school students to reach out.

Reprinted with permission of Westside Publishing Co. Inc. All rights reserved, 2006.

By Mike D'Agruma

COPLEY — Not many people can say they know someone on just about every continent on the globe. Copley-Fairlawn Middle School Principal Bob Whitacker knows about 10 to 15 people who can make that claim. To be more specific, 10 to 15 who are under the age of 11.

Whitacker is a big fan of the middle school's Amateur Radio Club, which is close to celebrating its first year of existence. The students involved in the extra-curricular program have been learning how to operate ham radios, their efforts bringing them into communication with fellow amateur radio

operators from Argentina to Japan.

The club was put together by Copley resident and amateur radio operator Dr. David Dressler. Along with other members of the Cuyahoga Amateur Radio Society (CARS), Dressler has been guiding the students and instructing them on the various nuances of radio operation in addition to helping them prepare to test for operator certification. So far, six students have earned their first license.

"I'm interested in the students," Dressler said. "You're not just teaching them a skill and hobby that they can use for the rest of their lives ... they learn about the technology and the circuitry."

According to Dressler, the program was made possible by the Amateur Radio Relay League (ARRL), a national organization that has more than 100,000 licensed radio operators. The AARRL sponsors what they call the "Big Project," where \$3,000 is donated to a school for the funding of radio equipment. Dressler said about 200 schools in the United States are currently taking part in the program.

Of course, the club goes far beyond just learning ham radio operation. According to Whitacker, the students inadvertently get geography lessons as they start mapping and keeping track of various contacts they've made. They also get some insight into other cultures when they speak with an overseas friend. (In case you're wondering, English is the worldwide ham radio language, according to Whitacker.)

The students also engage in a number of activities outside the school, which includes community service projects where they assist organizations like the American Red Cross with communications.

They've also been on field trips to see more complicated professional radio setups and have had visits from amateur radio operators and *continued on next page....*

servicemen who shared their experiences of using ham radios during World War II.

Both Whitacker and Dressler see the students bridging a generation gap between themselves and older ham radio operators as a result of these visits and demonstrations. Whitacker also has seen, and likes, how the program has been bridging a social gap that exists within the school.

“There’s a nice mix of girls and boys [in the program],” Whitacker said. “You really see kids from all strata of middle school society. It’s neat to see all these kids getting along.”

He also said the program has been a good fit for children who don’t seem to be interested in any of the school’s more traditional extra-curricular activities.

“Now there’s something for everyone,” he said.

For now, the club continues to crank out certified radio operators who are interested in taking their next conversations beyond the confines of the planet Earth. According to Dressler, the club has put in an application to be allowed to speak with members of a space station.

He said that in order for the students to get the opportunity, they first have to set up a time with NASA and be placed on a very long list of radio operators who are in line for the chance to have an eight-minute conversation with the station. He also said the club would need to purchase a special satellite dish that can track the station as it moves.

Until that day comes, the students are happy to expand their knowledge of radio operation and list of global contacts.

“The interesting thing is [the overseas contacts] all speak English and they’re interested in the students,” Dressler said.

THE MAKING OF A HAMFEST

By Jim Glor, N8GXR

Every March, the Lancaster Amateur Radio Club hosts the Greater Buffalo Winter Hamfest. Always the first Sunday in March; it’s quite a project to get “off and running” as they say and I thought I would share with you all the details.

Our hamfest coordinator Luke Calianno, N2GDU is the expert with all the details since he’s been running the show for years and years. He has compiled a special list of approximately 1300 hams in Western NY to the Finger Lakes area and Pennsylvania. He has all the 1300 3X5 cards printed up and approximately a month before the hamfest date, about 12 to 15 of our club members gather at the club house to apply address labels and stamps. We check them all after completion to make sure all are labeled and stamped. They are mailed out right away. Each card has a map with directions and the call in frequency (147.255+ PL 107.2).

Now I have to back up before what I just talked about to get to the “meat” of what makes this thing a success. Prior to the mailing out of the hamfest cards, committees are formed. We usually have an all you can eat pancake breakfast for \$5. A 2-3 sausages are included. About 09:30 we cook hamburgers for \$2 a piece. Pop and coffee are a buck each. Easy you say! Try rounding up the volunteers for this. The chairperson for this task, Joe Gearhart, WV2NY had to get enough “hands and feet” at the site by 0530 and no later than 0730. (He did!) Believe me the food is always a great success. We radio orders in from the serving area to the kitchen. (All people participating in the hamfest are encouraged to get there at 0530) The kitchen personnel are to be commended for an outstanding job!

Next is the person who sells all the dealer tables; about 80 tables all inside. Chuck Lawson KC2BLH. Again, this year was a sell-out. He does a fantastic job coordinating all this. He even had a waiting list for dealers after the doors

continued on next page...

opened at 0730.

Yours truly was in charge of ticket sales. I was very lucky this year to have a great team to handle this “onslaught” of hamfest goers whom make it a success. I tried my best to thank as many as I could who purchased tickets from me and of course “happy hunting”. At \$6 a piece they went like the hotcakes in the kitchen!

Now what would a hamfest be without great coffee. The ever faithful amateur who kept the pots full was our coffee “guru” Walter Wiertel, W2MWP. You’d be surprised all the comments of how great the coffee tasted. Oh! The cakes, sausages, and burgers too!

You’re probably asking where this was held and why I left it till last. We have it at the Main - Transit Fire Station, Main Street, Williamsville, NY. It’s just a short drive from exit 49 on the Thruway. Location is everything. We are lucky to have this spot and our club is very grateful to the Main – Transit Fire Company for allowing us to rent it out for the day.

I can’t forget all those who helped with loading our club trailer, set up and packing up too. We get to do it all again in August too! That one is out side. If you care to come to either hamfest let me know. I might even buy your ticket.....

73 de Jim N8GXR

APRIL BIRTHDAYS

KC8WBF Skip Cook 4-7
W8BOL Steven Merriman 4-15-58
KC8OJD Daniel Dressler 4-16
KC8WBG Dawnn Barbour 4-18-??
N8OVW Vince Bak 4-22-49
KC8WLY John Cobb Sr. 4-23-57
W8GC Bob Check 4-29-41

Congrats to one and all!

MOBILE PHONE SECURITY

Submitted by Ron Borkey, K8VJG

Here is something worth knowing if you have a mobile phone

Have you ever wondered why phone companies don't seem interested in trying to prevent the theft of mobile phones? If you have ever lost, or had one stolen, and if you are on a plan, you still have to pay the plan approximately up to 24 months, and you have to buy another handset and enter into another contract. This is more revenue for the phone company.

There is a simple way of making lost or stolen mobiles useless to thieves and the phone companies know about it, but keep it quiet.

To check your mobile phone's serial number, key in the following on your phone:

star-hash-zero-six-hash (* # 0 6 #)

and a fifteen digit code will appear on the screen. This is unique to your handset. Write it down and keep it safe. Should your mobile phone get stolen, you can phone your service provider and give them this code. They will then be able to block your handset, so even if the thief changes the sim card, your phone will be totally useless.

You probably won't get your phone back, but at least you know that whoever stole it can't use / sell it either.

If everybody did this, there would be no point in stealing mobile phones.

MEETING NIGHT CHANGE

Don't forget that we are now meeting on the second TUESDAY of the month instead of the third Wednesday. This is due to one of the two meeting rooms at the Busch Funeral Home being eliminated. We will continue to meet on the second Tuesday through the summer and until further notice.

THE RANDOM WIRE

By Tom Wayne, WB8N

SPRING AT LAST

As my momma used to say, "Spring is sprung, the grass has riz, I wonder where the flowers is?" Yep, that's what she used to say, among other tid bits of wisdom. Mommas are like that you know. My antennas made it through the winter without any damage (I knock on wood as I write this) and the weather of late has been great for any antenna repairs you may have to do. I know of a couple of our members who will need some repairs, new feedline, or are putting up new antennas altogether.

DAYTON 2006

Only a month and a half away...the time is fast approaching for another Dayton Hamvention. This year, as last, the ARRL is holding a convention in conjunction with the Hamvention. It was great last year and promises to be even better this year. If you have never been to the Dayton Hamvention, this is the year to go! And if you do go, try to make it at least a two day visit, as you just cannot see everything there is to see inside the Hara Arena in one day, let alone the huge outdoor flea market.

MEETING NIGHT CHANGE

After years of our meeting on the third Wednesday of the month, we are having to change to the second Tuesday of the month, due to the Busch Funeral Home eliminating one of the meeting rooms, and trying to accommodate all the groups that have been meeting there. We will continue meeting on the second Tuesday throughout the summer months at our picnic meetings in the Metro Park in Brecksville as well. If we can find another place to have our meetings, and have them on the third Wednesday again, we will do so. For the time being, we will just have to roll with the flow and take the change in stride.

LOTS OF THINGS TO DO THIS SUMMER

As President Check mentioned in his column, there are a lot of things for us to be involved in this summer, starting off with getting the station up and running on the S.S. Wm. G. Mather. The ship has been towed to another dock and the access promises to be much better, as well as parking facilities for those who go down to operate the station. We first have to get the radios back in place and put up

another antenna. There will be work parties announced to get this stuff done, so stay tuned, and perhaps you'd like to be of help. If you have never been down to the Mather you should plan on going down there to operate on a day when one of the station managers is down there. There will be announcements made when the station is going to be operated.

The Dayton Hamvention is the last part of May and next is the Diabetes Association Tour de Cure on June 4th. We will need lots of volunteers for this one, so save that date and make plans on lending a hand.

Then comes the annual ARRL Field Day, which C.A.R.S. again will take part in. This is a great weekend and hopefully you'll plan on coming out and operate one of the stations or at least pay a visit.

On July 15th we are having our first annual C.A.R.S. Family Picnic, which will be held at the Independence Picnic area. More info to come on this one!

There will also be lighthouse operations during the summer as well, I'm sure.

So ya see, we have a pretty busy beginning of the summer planned. Try to take part in some if not all of these activities and support your club. After all, it is you, the member that makes this club run and we need everyone's support.

CLUB NET

Once again I want to remind you of the C.A.R.S. club net on Wednesday nights at 9:00 p.m. The more that check in, the merrier. Now that we are meeting on Tuesday nights, the net will be on every Wednesday.

THE NEWSLETTER

I want to thank everyone that contributed an article to the W.O. this month. One member sent in TWO articles! That's the way to do it. Keep those articles coming. If I run out of space and it is not timely, I'll get it in a later issue. If you send it, it will get printed.

ADIOS FOR NOW...catch you on the air or at the meeting, or both. 73,

de Tom, WB8N

The Wobbly Oscillator is a monthly publication of the Cuyahoga Amateur Radio Society, P.O. Box 31264 Independence, OH 44131-0264. Articles in this publication 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@2cars.org by the end of the month for publication in the next month's issue. By reading this announcement, you have obligated yourself to sit down and write an article for this newsletter. Don't worry about the petty stuff like punctuation or spelling...that's the editor's job.

GEARVAKf NEWS

Reprinted with permission.

Man Pees Way Out of Avalanche

By N4GG

A Slovak man trapped in his car under an avalanche freed himself by drinking 60 bottles of beer and urinating on the snow to melt it. Rescue teams found Richard Kral drunk and staggering along a mountain path four days after his Audi car was buried in the Slovak Tatra mountains. He told them that after the avalanche, he had opened his car window and tried to dig his way out. But as he dug with hands, he realized that the snow would fill his car before he managed to break through. He had 60 half-litre bottles of beer in his car as he was going on holiday, and after cracking one open to think about the problem he realized he could urinate on the snow to melt it, local media reported. He said: "I was scooping the snow from above me and packing it down below the window, and then I peed on it to melt it. It was hard and now my kidneys and liver hurt. But I'm glad the beer I took on holiday turned

out to be useful and I managed to get out of there." Parts of Europe have this week been hit by the heaviest snowfalls since 1941, with some places registering more than ten feet of snow in 24 hours.

BAND LEADERS THREATEN STRIKE

By N4GG

The International Brotherhood of Band Leaders threatened to walk off the ham bands Thursday night, and the Teamsters and Electrical Workers indicated that they would not cross packet lines. According to the FCC, negotiations broke down over the Band Leaders demands for fewer bands and slower CW. The IBBL said discussions broke down over the FCC's unwillingness to pay double overtime during contests. The LRRRA said it was planning to file a petition of some sort soon.

**Please patronize our GEARVAKf
Subsidiary service companies:**

Gorbinski's Mushroom Farms

Gorbinski's Septic Tank Cleaning Co.

Gorbinski's Farms Family Restaurants
Our motto: "We always wash our hands first"

*Gobanza Private Investigation and
Intelligence Security Service*

Suspect Radio Sales, Inc.
Military Surplus Procurement and Sales

AND APRIL FOOL TO ALL!!!

CARS 2006 Officers & Committees

Audit10

Dave KD8V ** Bill KC8YSV, George K8KR

ARRL Liaison & Media Representative

Bill Sarver KC8YSV **

Awards

Tom WB8N ** Ron K8VJG, Bill WA8GEO
George K8KR

Christmas Party 2006

Steve N8IS ** Tina W8HBI, Gary NI8Z
Tom WB8N, Henry KD8BAO, Jack W8JAK

Community Education & School Programs

Dave KD8V ** Steve N8IS ** Tina W8HBI,
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

Interference & Jamming

WB8N ** NI8Z, N8IS, W8GC

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

Toby WT8O ** Lin WD8SDP and All CARS
members

NET

Toby WT8O **

WO/Newsletter

Tom WB8N ** 440-232-4193

Program directors

Bill KC8YSV ** Jack W8JAK **

QSL manager - NO8A, W8WGM & WA8CMS

Tom WB8N **

Refreshments

Henry KD8BAO **

50/50

Mike KB8UGT **

Scholarship

Scotty WA8SLN ** Gary NI8Z, Henry KD8BAO
Ron K8VJG, Toby WT8O

Summer Picnic

K8KR ** N8IS, NI8Z, WB8N, W8HBI

Sunshine (welfare)

Dave KD8V ** 330-666-8721

Technical

Dave K8DAV** Bob W8GC ** Vince N8OVW,
Tom WB8N, Jim WD8CHL

VE exams

Gary NI8Z ** 216-642-8705

Web Master/e-mail

Dave K8DAV ** Bob W8GC **

** chairman or co-chairman

2006 Officers

PRESIDENT

Bob W8GC 216-524-1750
president@2cars.org

VICE-PRESIDENT ****

Dave KD8V 330-666-8721
vice-president@2cars.org

SECRETARY ****

Toby WT8O 440-572-1544
secretary@2cars.org

TREASURER:

Tina W8HBI 216-520-2621
treasurer@2cars.org



Board Members & License Trustees

even year executive board 2 year term

Steve N8IS
Bill KC8YSV
Dave K8DAV

odd year executive board 2 year term

George K8KR
Terry KB8DTC
Tom WB8N

K8ZFR trustee

Tom WB8N

NO8A, WA8CMS &

KD8AQD trustee
Bob W8GC

