



The Cuyahoga Amateur Radio Society

THE WOBBLY OSCILLATOR

News

Activites

Articles

Minutes

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AT THE MAY MEETING

This month we have what we think will be a very interesting program planned. We have invited "The Battery Man", Mr. Richard Price, to be our guest speaker. He is the president of Bulldog Batteries and has graciously agreed to come out to our meeting and talk to us about batteries. This is a subject of interest to all of us, since we all run battery powered hand-held radios as well as other types of equipment.

Also, with the Dayton Hamvention coming up just a couple of days following the meeting, you can use the knowledge learned from Mr. Price in purchasing batteries you may want as back-up batteries to you rig, or for other uses you may have in mind. See you at the meeting!

FROM THE EDITOR'S DESK

Just a note to remind you that we need articles for this news letter, to try to make it a good newsletter and bring information of interest to the membership. For this to happen, we need your help in the form of things to put in here. Sit down and write something you think might be of interest to your fellow members. It could be about a new rig you bought and what you think of it, your experiences in ham radio, a project you built, information on an upcoming event you would like to let everyone know about...almost anything, as long as it is amateur radio related. It could even be something from another ham club's newsletter, or another publication, as long as we have permission to publish it. So c'mon and get yourself published, even if it is only in the Wobbly Oscillator!



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de WB8N



FROM THE PREZ

We had a good turnout for the April 17 meeting considering how nice the weather was. Thanks to all who came to an upbeat and interesting meeting.

As reported, we asked for nominations for a new Treasurer. For now I am appointing Mike Balach, KB8UGT as Treasure Pro Tem until we have a special election at the May meeting. I will ask for any other nominations at that time.

Ron K8VJG had a good supply of refreshments as usual. Ron collected \$40.00 for the 50/50 drawing this month The winner was Jack N8HVQ, who received \$20.00 for his ½ of the pot. Congratulations Jack!

Anyone who needs a new or replacement photo ID badge please contact Steve N8IS at 216-328-9276 or myself at 216-524-7711. We will take your picture and send it in for a combined CARS order. We get a special price in quantity. We have 5 signed up but would like 4 or 5 more.

The CW code class has ended, but if there is any interest in fall class for CW or Technician, please contact Gary, NI8Z and let him know ASAP

We had our first committee meeting on the W.G. Mather museum ship Saturday April 13, to discuss what is needed in the way of antenna's, rig, operating schedule etc. Members attending were Lin WD8SDP, Steve N8IS, Mike K8EHP, Dennis AB8NI, Mike KB8UGT and myself. The committee will make it's recommendation at the May meeting.



Committee members on deck outside of the ham shack.



This is the ham shack with some of Lin's gear.

As you can see it was a rainy overcast day, but we did spend about an hour going over what is needed. We also took a quick tour of the Ship courtesy of Lin WD8SDP.... time well spent!

Hope to see you at the next meeting... April 17, 2002, 7:30PM, at the Busch Community room. Remember, starting with our June meeting, we will be at the Brecksville Metro Parks for 3 months.

de, Bob W8GC



CARS BUS TRIP TO DAYTON

Well as you all know by now if you have listened to any of the CARS Wednesday evening nets at 7:00 p.m. on 146.820, CARS is sponsoring its annual bus trip to Dayton with the Brecksville Road Transit Co. located at 7885 Snowville Road in Brecksville Ohio. We will leave the bus station at 2:00 am on May the 18th. Please be at the bus yard about 30 minutes early to be ready and to get a parking place.

The cost of the bus trip is \$30.00 per seat on the bus, if you are interested in going down to Dayton with us PLEASE call me at 330-225-6917 for information and to see if there are any seats left on the bus. If we fill the bus elbow to elbow, that will be 47 seats. Last year we had 42 on the bus and that was a comfortable number, so far we have 33 seats paid for.

Here is the list of those who have paid for their seat on the bus, this way you will know that we did indeed receive your payment for the trip.

Gordon Kolus - KC8IOU 1 seat
Dennis Brostek – KC8SEV 2 seats
Paul Poling – KC8CHG 1 seat
Terry Pillatt – KC8DTC 1 seat
Bob Briggs – W8MMC 1 seat
Jack Goldfarb – W8WGO 1 seat
John Sepper – N8KUS 1 seat
Al Lada – WA8OZC 1 seat
Bernie Hinrichsen – W2NTB 1 seat
Rich Williams – NW8X 1 seat
Mike Yakopec – KA8WMF 1 seat
Dennis Carrier – N8IVE 1 seat
Andrew Juchnowski – AB8MO 1 seat
Robert Turek - K8AAI 1 seat
Jim Toth 1 seat
Phil Jenkins – KC8SRG 1 seat
Sam Jenkins – KC8SXJ 1 seat
Joe Gutoskey – W8DOE 1 seat
Tom Korycki – KC8QGJ 1 seat
Allen Tucholski – KB8MTZ 1 seat
Jim Glor – N8GXR 1 seat
Kevin Brandstetter – N8VUS 1 seat
Dave Zarack – KC8QLQ 1 seat
Bob Maurer – KC8PVB 1 seat
Pete Kozup – K8OUA 1 seat
Toby Kolman – KC8TID 1 seat
Dave Boone – KC8QAD 1 seat
Jason Boone – KC8QAB 1 seat
Bill Krusinski – K8JGA 1 seat
Dick Harley – WB8FZW 1 seat
John Woika – W8JW 1 seat
James Berry – WA3JAT 1 seat

Well that's the list as of 4-25-2002. Please tell your

friends about the trip so we can fill-up the bus. But please remember to call me first to make sure that seats are available. Thank you to all that are going down with us, and to those who showed interest but can't make it. See you on May 18th

73' Gordon KC8IOU

APRIL MEETING MINUTES

The April 17, 2002 Meeting was called to order by W8GC at 7:30 p.m. at the Bush Funeral Home Community Room. Introductions were made around the room. 18 Members and 4 Visitors were attendance. Terry KB8DTC moved to accept the minutes from the March meeting as posted in the WO and Mike K8EHP seconded. All in favor.

Treasurer's Report: Gary NI8Z announced that Paul KC8AMD resigned as treasurer. Gary announced an audit was done and everything has been picked up from Paul and is in good order. Gary also gave the current balance in the checking account and said the Treasurer's position is open to anyone that has at least 1 yr full membership. We have 3 people interested in being Treasurer and will have an election next month.

Tech Report: Bob W8GC reported that Vince N8OVW has us on a temporary antenna for the 82 repeater. Our antenna is not working at all, we are making arrangements to have it replaced. Bob W8GC reported that the 6 meter receive is being moved and then will be up and working.

Mather: Bob W8GC reported a meeting was held Saturday, March 13 on the ship. Dennis AB8NI, Mike KB8UGT, Mike K8EHP, Lin WD8SDP, Bob W8GC and Steve N8IS. Things are progressing well and hope to get cabling, antenna and equipment situated soon. New vanity call for the W.G. Mather museum ship is W8WGM.

continued on next page....

Sunshine: Aaron KC8INE reported that a card was sent to John Papay K8YSE for family member who had passed away.

Ham Class: Gary NI8Z talked about the 5 wpm Code class just finished last night at the Independence Civic Center. 18 had signed up for the class a special VE session for 5 wpm code was held on the last day of class, April 16th, where 9 tested and 3 passed. Some felt they were not ready and most of them are taking or retaking the test at our May 5th VE Session at the Independence Town Hall. We may have another Code or Technician Class in the Fall if you know anyone interested please have them contact Gary NI8Z.

Sale: Gary NI8Z announced that the cars trailer has been officially sold. Bob W8GC was the purchaser and Bob said that if anyone is interested in purchasing it from him, he paid \$400. (Bob purchased it since the only official offer that came in was for \$300 which was sat on for 6-8 weeks and when that person was re-contacted they were no longer interested. Bob purchased it as a donation to the club.)

Dayton Bus: Gordon KC8IOU is getting ready for the Dayton Bus Trip. There are 31 seats are paid for and there are several others saying money has been sent or will be. Call Gordon KC8IOU 330-225-6917 with any questions.

Membership: Steve N8IS reported that we have 4 new members to vote on tonight: Joe Vealey KC8TIA (Tech), Ken Sink KC8TIB (Tech), Joe Prokop KC8RAN (extra) and Bruce Bacik N8DJX (extra). All were voted in unanimously. Congratulations!

WO Editor: Tom WB8N reminded everyone to keep the articles coming in. Send in the mail or thru e-mail almost any format is OK to: newsletter@cars.org.

50/50: Ron K8VJG reported that \$40.00 was collected and a the prize would be \$20.00 Winner of the drawing was Jack N8HVQ.

Field Day: Tom WB8N reported that at Field Day this year we will NOT run all battery because of the 5 watt limit that is attached to

running battery. A meeting in the next week will be held with the Field Day Committee consisting of Gary NI8Z, Aaron KC8INE, Marc KB8QHS, Steve N8IS, Bob W8GC and himself. The FD site is the same as last year in Broadview Hts., OH. The plan is to run at least 5 stations plus the "GOTA" station this year.

School Program: Steve N8IS announced that Ron K8VJG assisted Dwaine Modack K8ME has printed a certificate and QSL Card from the Rainforest station K8CRF for the December 19, 2001 School Event at the Independence Middle School. Program: At the May 15 meeting we will have Richard Price with Bull Dog Batteries doing a presentation on all types of batteries.

ID Badges: We will be ordering picture ID Badges soon, please contact Steve N8IS or Bob W8GC if you need a replacement or a first time ID badge. We have 7 already and want to get them all at one time as he gives us a special price in quantity

The next meeting will be held May 15, 2002 at Bush Funeral Home at 7:30 p.m. Terry KB8DTC moved to close the meeting. Kayla KC8RYH seconded. Meeting closed at 8:50 p.m.

73, de N8IS Steve, Secretary

HAM TRIVIA QUESTION

The vanity callsign of the late legendary guitar player Chet Atkins, was W4CGP. What did the suffix CGP" stand for?

1. Country Guitar Picker
2. Crazy Guitar Player
3. Cool Guitar Player
4. Certified Guitar Picker

Answer found "somewhere else" in this issue!

LICENCE EXAM INFO

Date	Location	Contact	Phone
May 9	Elyria	Charles Hall	440-327-3832
June 1	Wickliffe	Scott Farnham	440-256-0320
June 16	Elyria	Charles Hall	440-327-3832
July 14	Independence	Gary Dewey	216-642-1399
July 21	Elyria	Charles Hall	440-327-3832

Call the contact person for location, starting time and what is required to bring to each test session.

FOR SALE

CARS items for sale ... best offer buys.

Quantity 2, Rauland-Borg model TAX250C commercial grade solid state 250 watt audio amplifiers. 105/130 vac, 19" rack mount units no manuals. One 7ft high. 19" rack with doors, needs new locks otherwise good to fair condition.

Tektronix Vectorscope, type 526, old 1970's tube unit, looks in good condition but not tested.

Contact Bob Check W8GC 216-524-7711 or e-mail to president@cars.org

ANSWER TO TRIVIA QUESTION

Answer # 4 is correct. Chet Atkins was a General Class licensee and held the callsign WA4CZD until 1998, when he got the vanity callsign of W4CGP, in which the CGP stood for "Certified Guitar Picker", which he referred to himself as. Chet was renowned as a guitarist and was much sought after as a session musician in recording sessions. Besides being very instrumental in getting many artists their start, he was also a recording producer in Nashville, Tennessee and a vice president of RCA Records. He earned 11 Grammie awards and 9 CMA awards as instrumentalist of the year. Chet became a silent key in late in June, 2001 after a battle with cancer.

THE RANDOM WIRE

HAMVENTION

The great Dayton Hamvention is right around the corner fellows and gals! May 17, 18, and 19 this year, just a couple of days after our May meeting on the 15th. As I write this, only 3 weekends away! The excitement is starting to build already! I do not have anything in particular in mind to purchase this year, so I don't anticipate spending a lot of bucks, but I am anxious to see all the new equipment that will be on display by the various manufacturers and see what kind of deals are available. I'm anxious to browse in the biggest flea market I have ever experienced, and maybe pick up a deal or two there.

Fred Partis, N02O will be in the flea market selling his Beanie Babies. If you go to Dayton, be sure and stop by and say hi to Fred. Be careful however, because his twin brother will be manning the booth as well, and they ARE hard to tell apart! In the past they had two booths, one on the east side and one on the west side of the flea market, with one of them manning each booth. It was alarming for someone to have talked to Fred in his booth and then run into his brother in the other booth...the unaware victim usually thought it was the same guy!

I can hardly wait to get to the Northern Ohio DX Assn. hospitality room in the evening also! That's where besides meeting hams from around the country, you get to chat with hams from around the world! It is really neat!

I hope as many of you can make it to the Hamvention this year. It is an experience like nothing else you have ever experienced, or can imagine. It cannot be adequately described, so I am not going to try. You have to see it to believe it!

If you can't get down there for the three day event, or at least two days, think about taking the CARS sponsored bus trip to the event. The bus leaves really early Saturday morning (like about 1:00 A.M.), stops for breakfast along *continued on next page.....*

the way, and arrives in time for the flea market opening at 8:00 A.M. The bus stays in the bus parking area the whole time, so if you buy something, you can take it to the bus and stow it away. The driver stays with the bus. Or, if you get tired, you can go back to the bus and take a nap! The bus leaves to return home in the late after noon and you are home that evening. There are still seats available, but they are going fast! Don't wait until the last minute and show up expecting to get a seat. There just might not be one available! Contact Gordon Kolus KC8IOU at 330-225-6917 or e-mail him about availability at kc8iou@cars.org. Hope to see you at the Dayton Hamvention!
FIELD DAY 2002

Another event that will soon be upon us is the annual ARRL Field Day. CARS will be participating once again. This year the event is on Saturday, June 22nd and Sunday June 23rd. It is always the fourth full weekend in June. The idea behind Field Day, is to set up radio stations under emergency type conditions, using non-conventional power such as gas fueled generators, batteries, solar power, etc. and make as many contacts as possible during a specified period of time. The more contacts made, the more points earned and the higher standing in your classification. There are other contributing factors which earn bonus points as well.

We have done well in the standings in our class in the past few years, and hope to do so again. We will be setting up at the same location as last year, the Al Koran Mosque property on East Edgerton Rd. in Broadview Heights. This location is about a mile from the highest point in Cuyahoga County! That in itself makes it a great location, but other features of the site contribute to make it probably the best Field Day site in the whole area. First of all, the grounds are nice and flat and there is no field grass and weeds that we have to worry about getting cut down. Then there is the open sided pavilion with picnic tables which we use to eat at and someone can use to set up their station if they so desire.

There are plenty of electric outlets available for whatever purpose, (power for the stations will be strictly generator power) and there is an indoor kitchen, fully equipped with an electric stove, sinks with hot and cold running water, a refrigerator (which means no relying on ice filled coolers to keep food cold), and last but certainly not least, rest rooms with real toilets, hot and cold running water, and exhaust vents! Whew! Let's see any other Field Day group even come close to that! All that remains is for us to set up the tents and antennas and stations prior to 2:00 P.M. and get on the air and operate.

Which brings me to the subject of operators. We are planning on running at least a class 5A operation, which means 5 radio stations, or possibly a class 6 operation if we have the committed operators with stations. We also will be running a six meter station and a GOTA station, which will not count in the classification but will earn points for each contact they make. GOTA stands for Get On The Air. This station must use a different call sign from that of the main operation, and can be operated by ANYONE, from licensed amateurs to non-licensed persons, as long as there is a control op at hand. If this station happens to log as many as 400 contacts, there is an extra 100 points earned as well. So, regarding operators, we need members to come out and spend some time at the site and operated the stations. The main operators will need breaks occasionally, and besides, it will be fun to get on the air, especially if you are not normally an HF operator. Anyone of the station ops will let you take over for as long as you like. This pertains to nighttime operation as well. C'mon out and spend the night! We'll feed you breakfast. Even if you don't want to operate, at least come out and visit, and see what Field Day is all about if you are not already familiar with it.

The Field Day Committee has had one meeting so far, and are working on the logistics

continued on next page....

of the event, such as food for meals, fuel for the generator, location of stations at *continued on next page...*

the site, other equipment needed, etc. We will be meeting a couple of more times before the end of June and will be talking about Field Day at the May and June regular CARS meetings.

RAMBL'N ON

Well, I have rambled on here long enough. Hope to hear you on the air, at least checking into the Wednesday evening club nets, and or see you at the next meeting. I'll be looking for you at the Dayton Hamvention too!

73 for now,

de Tom, WB8N

EXCERPTS FROM THE GEARVAKf BULLETIN

Reprinted with permission.

HAMS ARRESTED FOR LISTENING RADIO

FBI agents raided a Dayton clubhouse yesterday and arrested 36 ham radio operators for unauthorized reception of shortwave broadcasts origination from outside the U.S. FBI spokesman, Lamar Quash, told reporters that the arrests were the first made under a little known provision of the Telecommunications Act of 2002 which prohibits Americans from listening to non-American radio broadcasts. "It's for their own protection," Quash explained. "Most Americans are not intellectually equipped to interpret foreign propaganda. "That's something the government and the TV networks are supposed to do," he said. The raid came after a citizen alerted agents that the hams were allegedly listening to the BBC World Service on an old Hallicrafters SX-71 receiver. – Gear News

GEARVACf POLL ON CURRENT ISSUES

GEARVAKf's most recent poll on current issues was released recently. Over 800 people selected at random were asked, "How do you feel about current issues?" The results: Yes - 28%, No - 79%, Undecided - 43%

- N8JR -

GEARVAKf AmateuRadioVention 2002 Schedule of Events

Fri. May 17rd

0700 -Morning Reveille: GEARVAKf Piano Band, led

by Orpheus Compostius, Music Person, Plays "Oh Happy Day".

0730-Breakfast: Fried toast, Onions, Half-Baked Potato Skins, Warm Coffee, Mushroom Juice.

0800-Opening Ceremonies: Invocation by the Very Rev .Abner F. Cockelshutt, pastor of Holy Renegade Church, Pertneer, OH. Flag presentation the Neon High School girls shopping team. Kite presentation by the Vulture Lake Wasted Youth Formation Stomping Squadron .

0830-Keynote Speech: Dr. Druid F. Clanghonk speaks on the topic. "Why Dead Things Usually Stank".

0900-Exhibits open at GEARVAKf Arena. All interesting forums will be held at the same time in Auditorium 4. Gaming tables open at Gorbinsky Mushroom Farms Family Casinos.

1000-Boring Activities (formerly Women's Activities) Special movie, "Cooking by Radar", Power Drinking, at the GEARVAKf Chapel reception room, and The Chemistry of Basting, presented by Iris Dragoon of the Home Economics Dept.

1800-Exhibits close: Cocktails served in Building "D"hosted by C.Payton Staggyjuice.

Noon-Buffer Luncheon: Catered by the Gorbinsky Family Mushroom Farm Restaurant featuring stuffed mushrooms, assorted cooked animals, beet chips, grey substances and Gorbinsky's Steam Beer.

Sat. May 18nd

0700-Reveille: Stinking Springs Accordion Team No.2.

0730-Breakfast: Military style creamed chipped beef & mushrooms on toast, coffee, mushroom juice.

0900-Exhibits open. All forums open at once. Hidden receiver hunt. Parakeet races in room 15.

Noon-Buffer Luncheon: Surprise menu by Gorbinsky Family Restaurant.

1600-Exhibits close: Annual cleaning of outdoor toilets by Gorbinsky's Mushroom Farms.

1700-Cocktail Party; Sponsored by Suspect Radio Sales.

1900-GEARVAKf Grand Banquet: Creamed dead stuffed little green things, mushroom gravy, tofu salad, brown beverages, candied mushroom desert.

Sun. May 19rd

0700-Reveille: Air Horns blown by Fred Acme of Acme Long-haul Trucking.

0800-Breakfast: Military style creamed tofu on toast, coffee, tea, juice.0900-Exhibits open. Prize drawings: very few people win. Flea market closed due to explosions.

1000-Exhibits close. Everybody goes home. EPA volunteers arrive to clean up debris and fix blame.

ARRL CW PRACTICE SCHEDULE

For those who are interested in learning or practicing CW to become more proficient the following schedule was received via email from the ARRL.

W1AW 2002 Spring/Summer Operating Schedule

AW 2002 Spring/Summer Operating Schedule

Morning Schedule:

(s = slow, f = fast, b = bulletin)

Time	Mode	Days
1300 UTC (9 AM EST)	CWs	Wed, Fri
1300 UTC (9 AM EST)	CWf	Tue, Thu

Afternoon/Evening Schedule:

2000 UTC (4 PM EST)	CWf	Mon, Wed, Fri
2000 "	"	"
	CWs	Tue, Thu
2300 " (7 PM EST)	CWs	Mon, Wed, Fri
2300 "	"	"
	CWf	Tue, Thu
0200 " (10 PM EST)	CWf	Mon, Wed, Fri
0200 "	"	"
	CWs	Tue, Thu
0300 " (11 PM EST)	CWb	Daily

Frequencies (MHz)

CW: 1.818 3.5815 7.0475 14.0475 18.0975
21.0675 28.0675 147.555

Notes:

CWs = Morse Code practice (slow) = 5 - 7.5 - 10 - 13 - 15 WPM

CWf = Morse Code practice (fast) = 35 - 30 - 25 - 20 - 15 - 13 - 10 WPM

CWb = Morse Code Bulletins = 18 WPM

CW frequencies include code practices, Qualifying Runs and CW bulletins.

Code practice texts are from QST, and the source of each practice is given at the beginning of each practice and at the

beginning of alternate speeds.

On Tuesdays and Fridays at 2230 UTC (6:30 PM EST), Keplerian Elements for active amateur satellites are sent on the regular teleprinter frequencies.

A DX bulletin replaces or is added to the regular bulletins between 0000 UTC (8 PM EST) Thursdays and 0000 UTC (8 PM EST) Fridays.

In a communications emergency, monitor W1AW for special bulletins as follows: CW on the half hour.

de Gary Dewy, NI8Z

CLUB REPEATER FREQUENCIES

2m Repeater - 146.820 MHz

Input freq- 146.220 MHz, PL-110.9 Hz

2m Simplex - 146.475 MHz

2m Digipeater- 145.070 MHz

Node - CARS or K8ZFR

70cm Repeaters - 443.825 MHz

Input freq - 448.825 MHz, PL-131.8 Hz

444.750 MHz

Input freq - 449.750 MHz, PL-131.8 Hz

6m Repeaters - 53.010 MHz

Input Freq - 52.010 MHz, PL-136.5 Hz

53.830 MHz

Input Freq - 52.830 MHz, PL-107.2 Hz

CARS website: <http://www.cars.org>

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

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

By reading the contents of this box, you have entered into a binding contract which requires that you attend the next meeting and check into the

CARS 2002 Standing Committees

American Red Cross Disaster liaison

Ev Chitester WA8EYF ** 216-581-3657

AR AmRL Liaison/media representative

Marc Rubin, KB8QHJ ** 440-717-0846

Community Education & School Program

Dave Dressler, KD8V ** 330-666-8721
Steve Riley, N8IS ** 216-328-9276, Ron K8VJG

Dayton Bus

Gordon Kolus, KC8IOU ** 330-225-6917

Digipeater

Tom Wayne, WB8N ** 440-232-4193

Elmer

George Pindroh, K8KR ** 216-941-5304

Field Day

Tom Wayne, WB8N ** 440-232-4193, Aaron KC8INE
Phil K8MPL, Bob W8GC, Steve N8IS, Gary NI8Z, Marc Rubin
KB8QHJ

CBARC/Liaison

Dwaine Modock, K8ME 440-582-3462

CARS History

Ev WA8EYF 216-581-3657 **
Mike K8EHP 216-252-6640 ** Tom, WB8N

Jamboree on the Air

Roy Hadden, KB8VJF ** 330-468-3020
Paul Valley, KC8AMD ** 440-237-8116

Museum Ship W. G. Mather

Bob W8GC ** 216-524-1750
Lin WD8SDP ** 440-234-4227
Steve N8IS, Gary NI8Z, Bob W2THU, Mike K8EHP, Dennis
AB8NI, Mike KB8UGT

Membership

Steve Riley, N8IS **

NET

Gordon KC8IOU ** Gary NI8Z, Tom WB8N,
Steve N8IS, Kayla KC8RYH

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Program director

Gary Dewy, NI8Z ** 216-642-1399

CARS QSL manager

Tom Wayne, WB8N ** 440-232-4193

Refreshments & 50/50 at meetings

Ron Borkey, K8VJG ** 440-237-6718

Sunshine (welfare)

Aaron Clark, KC8INE ** 440-526-9705

Technical

Roy Hadden, KB8VJF ** 330-468-3020
Vince Bak, N8OVW ** 216-635-2579

VE exams and Ham License classes

Gary Dewey, NI8Z ** 216-642-1399

Web Master/e-mail

Marc Rubin, KB8QHJ ** 440-717-0846
Phil Ricca, K8MPL ** 440-526-8400
** chairman or co-chairman

Board Members

even year executive board;

Bill Koenig, AA8WJ 216-441-5978
Ron Borkey K8VJG 440-237-6718

odd year executive board;

Gordon Kolus, KC8IOU 330-225-6917
Terry Pillatt, KB8DTC 330-273-1043

K8ZFR trustee

Tom Wayne, WB8N 440-232-4193

NO8A trustee

Bob Check, W8GC 216-524-1750

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