



VOL 23      Issue 11  
November 2001

## FROM THE PREZ'S SHACK

### Inside

### This ISSUE:

Gary NI8Z announced CARS will begin license classes soon, he hopes to put everything in place before the new year or early January at the latest. If you know anyone wanting to learn the code or study for the tech license please contact Gary ASAP. The class's will be held in Independence at the Civic Center. If there is enough interest we will also put on General class license exams. Depending on participation we may schedule a special VE session when the class ends.

Ron K8VJG provided us with a variety of cookies, coffee and pop for refreshments. The 50/50 winner was Tom, WB8N who took home \$26.00 for his share of the winnings.

Gary NI8Z arranged an excellent program for this weeks meeting. Marc KB8QHJ gave a terrific presentation on all aspects of Bio-Terrorism. Marc is a member of the State Emergency Response Team and extremely knowledgeable on the subject, he explained in detail

what it takes to manufacture and deliver things like anthrax, smallpox, bubonic plague and others, and how the various diseases work along with how to protect ourselves. Thank you for a fine lecture Marc. We also had a video about the World DX Olympics which is being held every 2 years courtesy of Mike K8EHP.

Come to the CARS Christmas Party at Harry's Steak House, 5664 Brecksville Rd, Independence on December 15, 2001 at 6:30 PM, please contact Judy KC8FHE at 216-524-1537.

We will be voting for the 2002 officers at the November 21, 2001 meeting, please show your support by coming to the meeting and casting your ballot.

The 44th JAMBOREE ON THE AIR for

Scouts is now history. Roy KB8VJF and Paul KC8AMD led a group of CARS members and guests who set up at Longwood Park in Macedonia on Sunday, October 21th for this years JOTA. CARS members in attendance were Dennis KC8SEV (Dennis made his first ever Satellite contact), Tom WB8N, Bob W8GC, Kayla KC8RYH along with Dale W8ABZ and Brian N8RPA.

Eight visitors had the opportunity to talk with 9 other JOTA stations including VE5XRA, N5ZGT and W6CX who made sure the Scouts were able to spend plenty of time talking together. Slow scan TV was also demonstrated by Dale W8ABZ. Plans for next years JOTA are already being discussed.

I have appointed a History committee with Ev WA8EYH and Mike K8EHP as co-chairman,

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## FROM THE PREZ'S SHACK



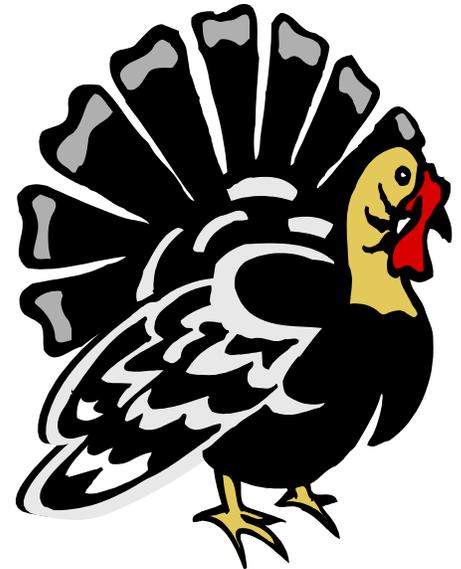
Tom WB8N is also on the committee. The committee may contact you for an interview, please be as helpful as possible so we can put together an accurate history of CARS.

Please note we will have the drawing for the CARS Christmas Raffle at the November 21 meeting, as I am writing this we still have 0 tickets for sale (out of 300).

See you at the November 21 meeting, come and vote! 7:30PM at the Busch Community room.

de, Bob W8GC

## The Random Wire by Tom Wayne WB8N



### **PUBLIC SERVICE**

The weatherman predicted gloom and rain for the morning of October 6th, but Mother Nature favored us with a great day of warm temperatures and sunny skies for the 2001 America's Walk For Diabetes.

Our members showed up in force and we provided the Cleveland Diabetes Assn. chapter with communications for their walk around downtown Cleveland to raise money to fight diabetes.

We met at the Nautica Stage area of the flats on the west bank, and after being given our assignments, we went to our respective posts. We manned a command post at the start/finish point, 3 rest stops along the walk route, one extra "check-point", a person to "bird-dog" the person in charge, and a person riding in the SAG wagon. (I finally learned what the SAG

stands for...Safety and Gear).

Everything went well. We learned a few things that we can implement for next year's walk. We also learned that we know more about running some aspects of the walk than the people in charge did. We made a few suggestions to them for next year.

There were hand-outs of literature about diabetes, as well as free gifts such as pens, boxes of cereal, battery operated clocks, and each volunteer received a t-shirt as well! There was coffee and muffins and soft drinks before the walk began and at the end of the walk, there was pizza, salad and chili.

Last year the people in charge of the walk did not feel they needed our services and did not ask us for our help.

They learned that cell phones just do not cut it for such an event, and asked us to help again this year as we had in the past, which we were very happy to do. The actual walk began about 10:00 A.M. (although it was supposed to begin at 9:00) and was over by Noon.

I wish to thank Bob Check W8GC, Steve Riley N8IS, Kayla Check KC8RYH, Ron Borkey K8VJG, Mike Cegelski K8EHP, Paul Valley KC8AMD, Dave Dressler KD8V, and Ev Chitester WA8EYF for coming out and helping make the walk a success and for making CARS look good!



# The Random Wire

by Tom Wayne WB8N

## PREDICAMENT

We are now faced with somewhat of a predicament regarding public service and the Diabetes Association. We have been asked to provide communications for a bike-a-thon they are going to have on Sunday, June 23rd. This event starts and ends at North Ridgeville High School and covers 3 distances over the same course. The distances are 15 miles, 30 miles, and 60 miles. The event will get going at approximately 8:00 A.M. which means we would need to have people there at around 7:00 A.M. The event would be over at around 2:00 P.M. They would provide coffee and rolls or donuts and a lunch for the workers, as well as a t-shirt and other goodies. We will need a minimum of 10 volunteers to man the 6 rest area/checkpoints, 2 SAG Wagons, net control and someone to ride with the equipment vehicle. There would possibly be need for another 2 or 3 people. The problem we face is that this event falls on the last day of Field Day weekend! Many of our members commit themselves to Field Day each year and CARS is going to hold a Field Day again next year. So we need volunteers of our members who do not plan on participating in Field Day. Can we do this? I am counting on you.

The Diabetes Assn. is an important organization which pro-

Several of our own members and/or their family members have diabetes.

For this reason, among others, it is important that we support the Cleveland Diabetes Assn. with our volunteering to provide communications for their fund raising events.

We have several months to get organized for this event and support this deserving organization. I will be reminding you at meetings and in the newsletter as the time draws nearer. We as a club do not do a whole lot in the way of public service and I think that we should be able to pull this off and have our Field Day event as well.

## DISASTER PREPAREDNESS FOR HAMS

Not that I am predicting any doom and gloom, but just a thought for us all in these days of uneasiness. We as amateurs never know when we may be called on to help in the event of an emergency or disaster. We in this part of the country have been lucky not to have had the types and number of disasters frequent in other areas. This does not mean that we are immune to them however. The first thing that goes kaput when disaster strikes is the telephone system. Then the cell phone system becomes swamped and safety forces communications have a problem as well.

Some safety force communications use frequencies in the 800 MHz range, which along with cell phone service, becomes jammed! Many of the safety forces cannot communicate between their own agencies, besides not being able to communicate with like agencies in another municipality.

This means that we would be called on to assist with police and fire communications, Red Cross communications and possibly others as well.

We should be prepared to be able to help when and if the need arises. The best way we can do this is to make sure that we have at least one back-up battery for our handhelds and that it is fully charged at all times.



# The Random Wire

by Tom Wayne WB8N



## UPCOMING HAMFESTS

(only the closest ones)

Saturday, November 10, 2001

WHERE: St. John Lutheran School  
11333 Granger Road  
Garfield Heights, OH.

TIME: Vendor Set-up 7-8 am  
Doors Open To The Public 8 am - 1  
pm.

Club NET every Wed

@ 7:00 PM

-146.82

Alternative power sources such as a gel-cell battery or solar power are a good idea as well. Many of us have dual band handhelds and mobile rigs which you should look into if you are planning on replacing an older one band rig soon or just getting another radio.

If you have an HF station at home, can you power it up without using electricity coming in from the public utility? Perhaps a marine deep-cycle battery, kept charged, is the answer. Again, solar power can keep the battery charged. You can run 100 watts from a marine deep-cycle battery for quite a long period of time!

A mobile HF station, which several of our members have, would be a good idea as well.

Of course keeping your vehicle full of fuel is something we should all do, and perhaps a jug or two of drinking water to bring along with you is something to keep in mind.

We are hopeful of course that there would not be the need for our services, but just in case....Working public service events such as the Diabetes Assn. walk, and others are good practice for us if we are called upon to help in a disaster situation.

We are after all, as our club motto says, "Hams Who Serve" once again. I want to wish everyone a happy Thanksgiving, and hope to see as many of you as possible at our next meeting, which is the day before Thanksgiving. We will be having election of officers for 2002, so this meeting is an important one. Better watch out, you might find that you have been elected to a position if you DON'T attend! Hi Hi . Also, this will be an opportunity to get your tickets for the CARS Holiday Dinner to be held on Dec. 15th. If you have never attended a holiday dinner, make it a point to get to this one. The more the merrier!

Don't forget to check into the weekly CARS net, held each Wednesday evening at 7 P.M. (Except for meeting nights). Again, the more the merrier! Catch you on the air or at the meeting!

73 for now,

Tom,  
WB8N



# CARS Christmas Party Details

## CARS Christmas Party

Saturday December 15, 2001

Harry's Steak House

5664 Brecksville Road

Independence, OH 44131

216-524-5300

6:30 p.m. - until ??

PRICES \$15.00 per person

(5-12 yrs old \$7.00 and under 4 FREE)

Dinner Menu Served Buffet style

Fresh Garden Salad

Rolls & Butter

Chef's Vegetable Du Jour

Assorted Pastries

Coffee / Decaf / Tea / Iced Tea

Entrees:

Roast Sirloin Beef

Chicken Marsala,

Baked Salmon / Roasted Shallot Wine Sauce

Roasted Garlic Whipped Potatoes

Rice Pilaf — Rigatoni

Pop is \$1.50 per glass with free refills

Cash Bar for Alcoholic beverages

Make your reservations EARLY.

Please send checks made out to CARS to  
P.O> Box 31264 Independence, Ohio 44131  
Or call **Judy Crane 216-524-1537**



## FOR SALE

FOR SALE : The tower is a US Tower model TMM-433SS about 5-years old.

It is 33 feet tall without the mast which add about an additional 5 feet to the height.

Minimum height is 11 feet 4 inches and has 4-sections. The weight is 315 pounds, the bottom section is 18 inches, the top is 10 inches. It has spent the majority of its life in the down position and I will warrant the tower for 1-year.

The tower is complete with base plate and necessary hex nuts for the anchor bolts but not including the anchor bolts. The tower is stripped and ready for shipment.

The tower is located in Solon and meets all their tower regulations which are strict. I would like to have \$500.00 for the tower but am open for other offers. This is the perfect tower for a ham, climbing is not required to access the antennas for they can be reached from a 12-foot ladder.

I do not have a photo at this time of the tower but it is available to see at 33475 Arlesford Dr. Solon.

Regards,

Jim, K8JHL  
440.349.2515  
k8jhl@aol.com

# "Rocket Man" or Close Enough



This article is from the <http://science.nasa.gov/headlines>

Normally when a spacecraft blasts off for Earth orbit, ground controllers hope it will stay up for a long time. But last month NASA launched something a little different: a satellite whose mission is to fall from the sky. Returning to Earth out of control and with no hope of rescue is exactly what it's supposed to do! Its name is Starshine 3, and it looks as curious as its mission sounds. The 200-lb satellite, carried aloft from Alaska on Sept. 29th by a Kodiak Star rocket, is a meter-wide sphere studded with 1500 student-built mirrors. Sky watchers can easily see it as it glides overhead, spinning and glittering like an oversized disco ball. "Starshine 3 is on a mission to explore the outer reaches of Earth's atmosphere and to discover what happens to satellites there," explains Prof. Gil Moore, the director of Project Starshine -- a unique program that combines cutting edge research with educational outreach. Starshine 3 is falling because the atmosphere is dragging it down. The satellite is orbiting 470 km above Earth in a region scientists call the thermosphere. The air at that altitude is very thin -- about 1012 times less dense than the air at sea level. Indeed, it seems more

like space than a part of Earth. The thermosphere is where the International Space Station (ISS), the space shuttle, and many other satellites orbit.

"Starshine 3 will slowly descend during the next 4 years," says Moore. As it sinks into ever denser layers of the atmosphere, its rate of orbital decay will accelerate. Eventually, when it sinks below the stratosphere, Starshine 3 will burn up completely. "The end will be spectacular," he added. If re-entry happens at night, the dazzling fireball would cast enough light for onlookers to read a newspaper!

There's no danger to anyone on the ground, Moore notes. "We designed the satellite so that it will be 100% consumed about 80 km up." Except for a few small steel screws the body of the spacecraft is made entirely of aluminum -- a substance that will vaporize during the fiery descent. "We had no choice," quips Moore. "Otherwise I was going to have to buy a 100 million dollar insurance policy with a \$50,000 premium." The aluminum was cheaper.

No one knows exactly when or where Starshine 3 will return because the thermosphere is unpredictable. Earth's uppermost atmosphere "breathes" in and out in response to changing solar activity. During years (like 2000 and 2001) around the

peak of the 11-year sunspot cycle, our star is a powerful and sometimes fitful source of extreme ultraviolet (EUV) radiation. Waves of EUV heat the thermosphere and cause it to "puff up," hastening the descent of falling satellites. Exploring the cause and effect relationship between solar activity and orbit decay is a primary goal of the mission. Before that can happen, though, someone must track the glittering satellite. Moore and his colleagues need to record about 800 sightings per day to define Starshine 3's changing path.

"We need students, teachers -- sky watchers of all kinds -- to go outside and spot Starshine 3 among the stars," says Moore. "The procedures for recording and reporting the data are straightforward. Anyone can do it. Moore added: "Starshine 3 usually looks as bright as a 1st magnitude star when it passes overhead." During a typical transit the rotating satellite will seem to flash every few seconds as sunlight glints off one mirror after another. The trail of bright dots and dark dashes across the sky is unmistakable. To participate as a sky-watcher.....goto <http://www.azinet.com/starshine/starform.htm>

**Steve N8IS**

# GEARVAKf DRUG TESTING PROGRAM

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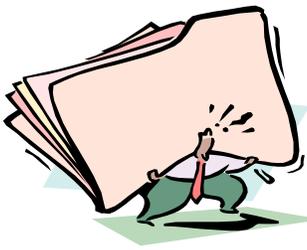
## Gearvacf Bulletin

Recognizing the increased use of illegal drugs among sports figures, government workers, entertainers, students, teachers, nurses, doctors, acrobats, pilots, passengers, dock workers, truck drivers, cabbies, politicians, librarians, editors, publishers, reporters, farmers, housewives, shepherd, cowboys, mourners, zoo animals geologists, salesman, roustabouts, stock clerks, mechanics, CB operators, senior citizens, clergymen, and others, the GEARVACf Medical Board has asked the FCC to approve a program of mandatory drug testing for all amateur radio license holders beginning soon.

The FCC is expected to approve the request at a regular meeting sometime this year. According to GEARVAKf's Chief Urologist, Dr. Raymond Peepee, testing stations will be set up at area hamfests. All licensed amateurs will be required to donate urine samples at these events. Test will be conducted to detect the presence of caffeine, nicotine, beer, bicarbonate of soda, peanut butter, Gorbinsky's Kentucky Style Gulping Whiskey, milk duds and chicken soup, all of which have been listed by the EPA, FDA and the Center for Scientists Interested in Publicity, as dangerous drugs.

The program will be supervised by Dr. Sidney Peebottle and Dr. Todd Kidney. Specimen containers will be provided. Members are asked to arrive at the testing stations "prepared". Compliance is required and will be enforced by GEARVACf's Chief of Security, Vinney Gobanza





# MEETING MINUTES

The October 17, 2001 was called to order by W8GC at 7:35 p.m. at the Bush Funeral Home Community Room. Introductions were made around the room.

Terry KB8DTC moved to accept the minutes from the September meeting as posted in the October WO, second Bob KC8MAC. All in favor.

Treasurers Report: Judy KC8FHE gave report and Ev WA8EYF moved to accept. Roy KB8VJF seconded. All in favor-passed.

Sunshine Chairman: Not in attendance. Bob W8GC expressed our heartfelt sympathy at the passing of Cheryl Dewey, Gary's wife.

Hamfest: Steve N8IS discussed a small Hamfest/Computer/Electronics Show Saturday Nov 10th at St. John Lutheran School in Garfield Hts. Steve N8IS moved CARS buy a table to try and get new members seconded by Duncan KC8KGO- passed.

Net: Gordon KC8IOU still needs a person to replace Duncan on Wednesdays about one a month for approximately 15-20 minutes, Marc KB8QHJ volunteered.

JOTA: Roy KB8VJF have 5-6 hams for Sunday 21st from 10:00 a.m. - 2:00 p.m. at Longwood Park/Rt 82 in parking lot. Paul KC8AMD brought up information to get t-shirts for hams in

attendance that day. Ron K8VJG moved to allow up to \$25 for the purchase of t-shirts. Seconded by Fred NO2O-passed.

Tech Report: Roy KB8VJF said he heard an intruder alert at 82 machine. Steve N8IS went out to investigate but nothing was found.

Membership: New applications for Dennis KC8SEV and Mark Studer KC8FQV were voted on and accepted at the meeting. Bob Winston W2THU was reinstated as a member.

Newsletter: Jim KB8SQF would like any articles for November & December ASAP. He will be out of town for a few days but we should have the WO out by November 5, 2001.

50/50: Ron K8VJG reported that \$52.00 was collected and a the prize would be \$26.00 Winner of the drawing was Tom WB8N.

## Nominations for 2002

### **Board members:**

Terry KB8DTC  
Gordon KC8IOU  
Roy KB8VJF  
Paul KC8AMD

### **Treasurer:**

Roy KB8VJF,  
Paul KC8AMD

### **Secretary:**

Steve N8IS

### **Vice President:**

Gary NI8Z

### **President:**

Bob W8GC

**Diabetes Walk:** Tom WB8N reported the Sept 6th walk went really well. Nice weather and 8 or 9 Cars Members were on hand for help the 580-600 walkers.

**CARS Raffle Tickets:** Only 7-10 tickets left to sell. If you have any tickets out you have not turned in please get with **Bob W8GC** ASAP.

### **Menu for X-mas Party:**

CARS Christmas Party  
12/15/2001 Harry's Steak House, 5664 Brecksville Rd, Independence, OH 44131, 216-524-5300, 6:30 p.m. - until, Prices \$15.00 per person. (5-12 yrs olds \$7.00 and under 4 FREE) Dinner Menu Served Buffet, Fresh Garden Salad, Rolls & Butter, Chef's Vegetable Du Jour, Assorted Pastries, Coffee/Decaf/Tea/Iced Tea. Entrees: Roast Sirloin Beef, Chicken Marsala, Baked Salmon with Roasted Shallot Wine Sauce. Potato: Roasted Garlic Whipped potatoes, Rice Pilaf and Rigatoni. Pop is \$1.50 per glass with free refills. Cash Bar for Alcoholic Beverages. Make your reservations early. Contact **Judy Crane** Make Checks payable to CARS.



## MORE MEETING MINUTES

**Repeater:** 443.825 (131.8) Repeater doesn't get much use. But has great coverage, newest controller and the great height on the ch 55 tower.

**Classes:** Gary N18Z is now scheduling License Classes. We will start at the Independence Civic Center but may have them a local college or vocational school later. More information to follow.

**Programs:** Gary N18Z said we had George Race scheduled for the next meeting but due to elections and it being the day before Thanksgiving he is going to be rescheduled for Jan 2002 meeting.

**CQ Contest:** It was announced that due to recent events they will only accept e-mail logs for any CQ sponsored contest in the foreseeable future.

**History Committee:** Ev WA8EYF & Mike K8EHP co-chairman. Tom WB8N was also appointed to serve on the committee. If you are contacted by a committee member please help our history project by answering their questions to the best of your ability. This is most likely a year long project.

**CARS Trailer:** CARS trailer sale was posted in Oct WO. We received three calls with no follow-ups and one bid so far. Trailer is 20 years old and needs some work. Best offer at this time will not be announced to keep bidding fair.

**Presentations:** Marc KB8QJH (with State Emergency & Response Team) did a Q & A on Bioterrorism that was extremely interesting. And Mike K8EHP brought in a VHS tape about the DX Ham Olympics.

**Gary N18Z** moved to close the meeting. Ron K8VJG seconded. Meeting closed at 9:45 pm

Steve, N8IS Secretary

## FCC Clarifies CORES

The FCC's Wireless Telecommunications Bureau has clarified several issues regarding Amateur Service implementation of the Commission Registration System--or CORES. Starting December 3, everyone doing business with the FCC--including amateur licensees--must obtain and use a 10-digit FCC Registration Number (FRN) when filing. Many amateurs will not need to take any action to comply with the new requirement, which further expands the number of FCC abbreviations, numbers and systems hams need to be aware of.

Amateur licensees now registered in the Universal Licensing System (ULS) already have been cross-registered in CORES and issued an FRN by mail. The FCC said it planned another cross-registration by November 28. Amateurs can check to see if they have an FRN via a ULS license search. Many Internet call sign servers, including ARRL's, also provide this information.

Once CORES becomes mandatory, the FCC will "auto-register" all amateurs who seek to register in ULS and will issue them an FRN. Amateurs then should use the FRN in place of a Taxpayer Identification Number (TIN--typically an individual's Social Security Number) when filing applications with the FCC.

New or upgrade license applicants not previously registered in ULS will be registered automatically in both CORES and ULS when they provide a TIN on a license application filed through a Volunteer Examiner Coordinator.

# MORE FCC Clarifies CORES

Both ULS and CORES will contain a licensee's FRN, but updating information in one system will not update the other. For amateurs, CORES registration will replace ULS "TIN/Call Sign" registration. Once CORES becomes mandatory, those registering in ULS will be redirected to CORES registration. The ULS will remain the Amateur Service licensing database within WTB, however, and only ULS will associate an individual with a particular call sign and FRN.

Going away December 3 will be the so-called Assigned Taxpayer Identification Number, or ATIN, which the FCC has been issuing to applicants ineligible to obtain a Social Security Number, such as foreign applicants and club station licensees. CORES will offer exemptions to amateur clubs and to foreign entities not holding a TIN/SSN. The FCC is encouraging club station applicants to first register in CORES and then use their FRN when filing via a Club Station Call Sign Administrator. Club station applicants also may use a trustee's TIN/SSN or a tax-exempt club's IRS-assigned EIN.

The WTB says that starting December 3, "all passwords will be maintained in the CORES database." Amateurs using paper FCC Form 160 to register in CORES will be mailed a CORES password for on-line access.

The FCC continues to work out the details of how amateurs, CORES and ULS will coexist. Amateur Service testing with CORES is planned for November.

For more information about CORES, visit the FCC Web site<<http://www.fcc.gov/>> and click on the "Commission Registration System" link.



# Weekly Net Schedule

Gordon Kolus KC8IOU

The following members have agreed to host the weekly CARS NET.

NOV. 7 **KC8IOU**

NOV. 14 **WB8N**

NOV.21 **MTG**

NOV. 28 **NI8Z**

DEC. 5 **KC8KQO**

DEC.12 **KC8IOU**

DEC.19 **WB8N OR X-MAS**

DEC. 26 **NI8Z**

JAN. 2 **????**

JAN. 9 **KC8IOU**

JAN. 16 **MTG**

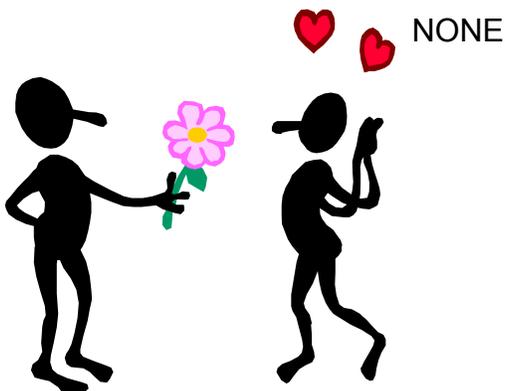
JAN. 23 **WB8N**

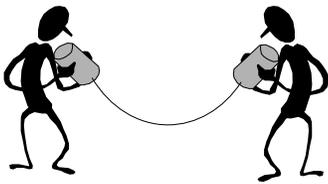
JAN. 30 **NI8Z**



Any Volunteers

## PROPOSED NEW MEMBERS





# Who YA Gonna Call?

## OFFICERS

*\* denotes chairman*

### **PRESIDENT:**

Bob Check - W8GC  
216 - 524 - 1750  
President@cars.org

### **VICE-PRESIDENT:**

Gary Dewey - NI8Z  
216-642-1399  
VicePresident@cars.org

### **SECRETARY:**

Steve Riley - N8IS  
216-328-9276  
Secretary@cars.org

### **TREASURER:**

Judy Crane - KC8FHE  
216-524-1537  
Treasurer@cars.org

## BOARD OF DIRECTORS

### **ODD YEAR EXPIRATION**

Gordon Kulus - KC8IOU  
330-225-6917  
KC8IOU@cars.org

Terry Pillatt - KB8DTC  
330-273-1043  
KB8DTC@cars.org

### **EVEN YEAR EXPIRATION**

Bill Koenig - AA8WJ

Ron Borkey - K8VJG  
440-237-6718

### **LICENSE TRUSTEE**

Tom Wayne\* - WB8N  
For K8ZFR  
440-232-4193  
Trustee@cars.org

### **LICENSE TRUSTEE**

Bob Check - W8GC  
For NO8A  
President@cars.org

## STANDING COMMITTEES

*\* denotes chairman*

### **HAMFEST**

Rich James\* - N8FIL  
330-468-6021

### **JAMBOREE ON THE AIR**

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

### **MEMBERSHIP**

Steve Riley\* - N8IS  
216-328-9276  
Secretary@cars.org

### **NET**

By Committee  
Gordon Kulus\* - KC8IOU  
330-225-6917

### **MEETING PROGRAM DIRECTOR &**

### **ELMER PROGRAM**

Gary Dewey\* - NI8Z  
216-642-1399

### **REFRESHMENTS & 50/50 AT MEETINGS**

Ron Borkey - K8VJG  
440-237-6718

### **SUNSHINE (WELFARE)**

Aaron Clark - KC8INE  
440-526-9705

### **TECHNICAL/VA HOSPITAL**

Rich James\* - N8FIL  
330-468-6021  
Roy Hadden - KB8VJF  
330-468-3020

### **ARRL Liaison**

Marc Rubin - KB8QHJ  
440-717-0846

### **VE EXAMS**

Gary Dewey\* - NI8Z  
216-642-1399

### **WEB SITE/E-MAIL**

Greg Kopp\* - KG8O  
216-577-1388

### **WO/NEWSLETTER**

Jim Crane - KB8SQF  
216 - 524 - 1537  
newsletter@cars.org

### **AMERICAN RED CROSS**

### **DISASTER LIAISON**

Ev Chitester\* - WA8EYF  
216-581-3657

### **CARS QSL MANAGER**

Tom Wayne\* - WB8N  
440-232-4193

### **COMMUNITY EDUCATION &**

### **SCHOOL PROGRAM**

Dave Dressler\* - KD8V  
330-666-8721

Tom Wayne - WB8N  
440-232-4193

Paul Valley - KC8AMD  
440-237-8116

Steve Riley - N8IS  
216-328-9276

Ron Borkey - K8VJG  
440-237-6718

### **DIGIPEATER**

Tom Wayne\* - WB8N  
440-232-4193

### **FIELD DAY 2002**

Tom Wayne co\* - WB8N  
440-232-4193

Dave Morley co\* - W8IXY  
440-884-0650

Aaron Clark - KC8INE  
440-526-9705

# November 2001



Sun	Mon	Tue	Wed	Thu	Fri	Sat
				<b>1</b>	<b>2</b>	<b>3</b>
<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>
<b>11 VE TEST- ING</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>17</b>
<b>18</b>	<b>19</b>	<b>20</b>	<b>21 CARS MEET- ING</b>	<b>22</b>	<b>23</b>	<b>24</b>
<b>25</b>	<b>26</b>	<b>27</b>	<b>28</b>	<b>29</b>	<b>30</b>	

## WHAT'S Happening

**Nov 3,5** ARRL Sweepstakes CW contest

**Nov 9,11** Japanese Int'l DX contest

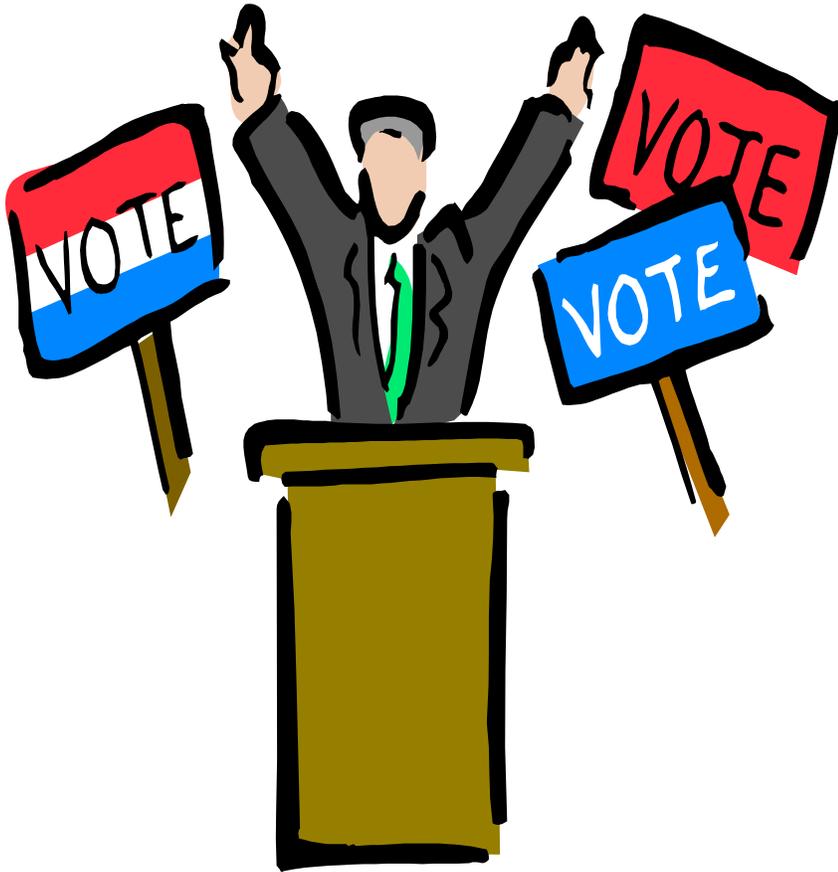
**Nov 11** VE at Independence  
TownHall 9am

**Nov 21** Meeting - George Race ARRL  
Great Lakes Div Dir.  
Presentation

**December/January** — Second Annual  
"ARLHS Lighthouse Christmas Lights"  
special event.

7:01 PM EST, December 21, 2001  
(= 0001 hrs UTC, December 22)  
until 6:59 PM EST January 2, 2002  
(2359 hrs UTC, 02 January 2002).

# ELECTION OF CLUB OFFICERS



Please come to the  
**NOVEMBER**  
Meeting to assist  
in the Club  
Elections

**Board members:**

Terry KB8DTC  
Gordon KC8IOU  
Roy KB8VJF  
Paul KC8AMD

**Treasurer:**

Roy KB8VJF,  
Paul KC8AMD

**Secretary:**

Steve N8IS

**Vice President:**

Gary N18Z

**President:**

Bob W8G



## From the Editor KB8SQF

*The Wobbly Oscillator* is a monthly publication of The Cuyahoga Amateur Radio Society.

Articles may be reprinted in any amateur radio-related publication provided that credit is given to the newsletter and the author.

Submissions received by the end of the month will be published in the following month's *Wobbly Oscillator*.

Send articles by E-mail to:  
[Newsletter@cars.org](mailto:Newsletter@cars.org)

or by U.S. mail (diskette form with files in either \*.txt or \*.doc ) to:

The Wobbly Oscillator  
6531 Tanglewood Ln.  
Seven Hills, Ohio 4131

# DUES DUE NOTICE

Checks made out to CARS for \$20 SENT TO  
P.O. BOX 31264, Independence, Ohio 44131-0264  
Attention: Treasurer

KC8LAU	Gerald Purcell	10/01/2001
KC8FQV	Mark Studer	10/08/2001
N8ISS	John Wagner	10/18/2001
KC8AMD	Paul Valley	10/18/2001
KC8IVD	Steven Hnatiak	10/31/2001
KB8VBR	Leone Sirna	10/31/2001
N8AZY	Jerry Sanicky	11/15/2001
KC8INE	Aaron Clark	11/30/2001
KC8EPK	Richard Boss	11/30/2001
W8QXA	Charles Matthes	12/01/2001



## CLUB FREQUENCIES

### 2 METER

REPEATER	142.820 MHZ	INPUT 146.220 , PL 110.9 HZ
DIGIPEATER	145.070 MHZ	NODE CARS OR K8ZFR
SIMPLEX	146.475 MHZ	

### 70 CENTIMETERS

REPEATER	443.825 MHZ	INPUT 448.825 MHZ, PL 131.8 HZ
REPEATER	444.750 MHZ	INPUT 449.750 MHZ, PL 131.8 HZ

INTERNET <http://www.cars.org>