



www.cars.org

Vol. XXIII, No. 2

February 2001

VEEP VIEWS

Gary Dewey/N18Z VP C.A.R.S.

This month, (February) although short, will be important to all members. First, please read the changes that have been made to the C.A.R.S. Constitution and Bylaws. There are significant changes and additions that have been made.

Two very important additions to C.A.R.S. bylaws is the continuing effort that is made via the Webpage and this Newsletter to communicate to the membership. C.A.R.S. will be doing its utmost to share with the membership items of interest on a timely basis. Another important change is the definition of a voting member. C.A.R.S. will be encouraging its members to participate in activities sponsored by C.A.R.S. throughout the year and not make attending just one of the last three meetings a limitation to voting privilege.

The president, Bob Check, and I recently visited the Brecksville VA Hospital Volunteer Services head, Lavelle Henderson. Although we have stated to the VA hospital we do not have the manpower to occupy the radio station at Wade Park on a daily/weekly or even monthly regular basis we are extremely interested in maintaining that area, since it is licensed under C.A.R.S. callsign K8ZFR. We have provided a list of "volunteers" who can and will 'person' (rather than man) the Wade Park VA hospital in case of an emergency. Just so the members know who has volunteered — the names are: Robert Check; Tom Wayne; Glenn Shore; Monica James; Gordon Kolus; Greg Kopp; Roy Hadden; Steve Hnatiak, and

myself. Any others wishing to be recognized and on the 'callout list,' please notify me.

A planning meeting for equipment upgrade is planned for February 8 at Wade Park with Mr. Henderson.

VE INFORMATION

Gary, N18Z

The C.A.R.S. VE team is set and ready to start offering sessions again at the Independence Town Hall, 6652 Brecksville Rd., Independence, OH.

All sessions will start at 9 a.m. The doors open up slightly before that time for everyone to get their FCC forms filled out. The cost of the testing has gone up. This year the cost for any FCC testing is \$10. That means that you can take any or all elements for the initial cost of \$10. A retest of an element will cost another \$10 fee.

The dates for the 2001 testing:

March 11

May 13

July 8

September 9

November 11

When you come to a C.A.R.S. VE session bring the original plus a copy of your license and valid Certificate of Successful Completion of Examination (CSCE); a picture ID card; two pencils with erasers, a ballpoint or ink pen; and of course your money either in check form made out to "ARRL/VEC" or cash.

The C.A.R.S. VE testing location is handicap accessible. But anyone needing special attention or has a special requirement, please call 216-642-1399 at least two weeks prior to the testing date given above.

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 or by U.S. mail to: The Wobbly Oscillator, 3028 Southern Road, Richfield OH 44286

(Do not send dues to this address!)

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FROM THE PREZ'S SHACK

I am happy to report we had 34 attend CARS first meeting in 2001, all seemed to have a good time and enjoyed a very interesting presentation by Alpha Communications demonstrating their wireless modem access to the internet. This was scheduled by our Program Director Gary Dewey, NI8Z, Gary also had Greg Kopp, KG8O our Web Master give a presentation on the new look and features of the CARS Web Site, it was very informative and enjoyable. Please check the CARS Web site at www.cars.org and vote for the various surveys Greg is putting up, it will help us in making decisions regarding future programs and activities.

I would like to congratulate Steve Riley, N8IS on being elected Secretary for 2001, I am sure Steve will do a fine job. Russ and Monica Schneck KC8IHS and KC8IYM have a great start in giving our WO a new look. Aaron Clark, KC8INE our Sunshine chairman asks that you please call him to report any illness, hospital stay or special occasion when a card from CARS would be appreciated.

Our refreshment and 50/50 chairman Dave Morley, W8IXY assures me that we will have refreshments and a 50/50 drawing at every meeting this year, the first 50/50 winner of 2001 was Lin Shaw, WD8SDP who took home \$23, plus refreshments were enjoyed by all.

If you have any comments, questions, suggestions or to sign up to help at Field Day, the CARS Hamfest or for any other committee please contact the chairman of the respective committee or myself. Rich James, N8FIL has called a Hamfest committee meeting between 7 and 7:30 p.m. prior to the CARS February 21, 2001 meeting, please attend this important committee meeting.

We have had a few complaints about not being able to hear the 146.820 repeater in various areas. Rich James, N8FIL reported the receive antenna is working OK but the transmit antenna has slipped in its mount and is tilted, this results in a distorted pattern and poor reception from the repeater in some areas. At this time we can only work with it as is until WWWE has some other tower maintenance scheduled to get it repaired, even if we wanted to spend \$800 or more for a licensed steeple jack, the transmitter would have to be shut down during the repair which is not possible at this time. We will have the repair completed as soon as possible. Rich also stated he will be discussing the 6 meter repeater problems with Vince, N8OVW to see if any help is available to eliminate the interference from the digital TV transmission on TV CH 2.

Gary NI8Z and myself had a meeting with Lovel Henderson of the VA Volunteer group and we seem to have worked out the problems and restrictions that Marci Clark referred to at our September meeting. This will be discussed at our February meeting.

I received an e-mail forwarded by Jack, W8WGO from Bill, G0GJQ saying he checks into the "Ohio ragchew net" daily between 7:30 and 11:00 a.m. EST on 28.337 mhz and he talks to several members of CARS, if you have time check in on this 10 mtr net.

Last but not least, please read the enclosed proposed changes to the CARS Constitution and By-laws which were presented at

the January 17, 2001 meeting. We will have discussion and vote on these proposed changes at the February 21, 2001 meeting.

That's all for this month, remember keep checking the Upcoming Events calendar as Gary, NI8Z is trying to schedule a program for every meeting this year, his goal is to have a variety of subjects with something for everyone.

Enhance your membership — please attend CARS meetings!
73, Bob, W8GC

MEMBERSHIP

Steve Riley - N8IS

Membership Application Received:

Name: George P. Pindroh
Callsign: K8KR Class: Extra
Address: 3217 Joslyn Road, Cleveland, Ohio 44111-1562
Interests: Rag chewing, DX'ing, CW (Speed: 20+), Hamfest, VHF/UHF and HF Contesting

TREASURER'S REPORT

Judy Crane, KC8FHE

This is only available to CARS members

PLEASE SEND DUES TO:

C.A.R.S.
P.O. Box 31264
Independence, OH 44131-0264

Silent Key

Bill Orr, W6SAI, SK

Well-known ham radio author and longtime CQ magazine columnist Bill Orr, W6SAI, passed away at his home on January 24. Orr, who was 81, lived in Menlo Park, California. Orr wrote several ham radio related books, countless articles for a variety of ham magazines, and served as a Contributing Editor for CQ, Ham Radio and Ham Radio Horizons.

Students Make First Contact with the ISS

Interesting story from Science@NASA:

Last month a group of Chicago students used ham radio gear to talk to astronauts on the International Space Station. Their long-distance chat was the first of its kind between students and the ISS. http://science.nasa.gov/headlines/y2001/ast30jan_1.htm?friend (or Students make First Contact with the ISS).

KC8INE

MEETING MINUTES

Steve Riley, N8IS Secretary

January 17, 2001 Minutes

The President Bob Check (W8GC) called the January 2001 C.A.R.S. meeting to order at 8 p.m. EST. The members in attendance were: Bob Check (W8GC), Steve Riley (N8IS), Judy Crane (KC8FHE), Terry Pillatt (KB8DTC), Bill Koenig (AA8WJ), Lin Shaw (WP8SDP), David Morley (W8IXI), James Glor (N8GXR), Ron Borkey Sr. (K8VJG), Gary Dewey (NI8Z), Sam Jenkins (WB8UES), Bob Ozog (KC8MRC), Gordon Kolus (KC8IOU), Paul A. Valley (KC8AMD), Steve Hixaticok (KC8IVD), Chuck Sommer (N4OSD), Roy Hadden (KB8VJF), Greg Kopp (KG80), Nick Markovic (WA8LOB), Dave Dressler (KD8V), Tom Wayne (WB8N), Mike Thomas (KB8BMY), Ev Chitester (WA8EYF), Aaron Clark (KC8INE), Glen Shore (KG8MR), Rich James (N8FIC), Curt Collins (KC8BOK), Phyllis Collins (KC8DVL), Chuck Matthes (W8QXA), Mike Balach (KB8VGT), Duncan St. Ives (KC8KQO). Guests and visitors in attendance were Marge Markovic, Pat Dressler and Daniel Collins.

MINUTES: Bob Check (W8GC) ask for a motion to accept the minutes as listed in the November, 2000 WO. Ron (K8VJG) so moved and second by Terry (KB8DTC). Roy (KB8VJF) stated the clock was set at the 825 machine not the 82. Minutes were approved as corrected.

TREASURER REPORT: Bob (W8GC) ask for a motion to accept the treasurer report as listed in the November, 2000 WO. Moved to accept by Duncan (KC8KQO) and second by Terry (KB8DTC).

VE SESSIONS: Gary (NI8Z) reports that only three people were pre-registered for the VE session (of course he later found out his phone was out of order) however the total turn out was 15 candidates. 14 passed (7 are new technicians). Thank you goes out to Tom (WB8N), Roger (N8TCP), Bob (W8GC) and Steve (N8IS). Cost is now \$10 for testing as of January 1, 2001.

MEMBERSHIP: Steve (N8IS) is the new membership chairman, Steve reports no new applications at this time.

FIELD DAY REPORT: Dave (W8IXY) discussed using the VFW Pavilion, where the Christmas Party was held, he stated that it would cost \$200 to secure the site. Paul Valley (KC8AMD) proposed finding a site in Brecksville or North Royalton. Several members would like to use a site in Cuyahoga County as it is part of our clubs name. Sign up sheet was passed around by David (W8IXY) for those who will participate.

HAMFEST REPORT: Rich (N8FIL) will have a committee meeting on February 21, 2001 from 7:00 - 7:30 p.m. EST. prior to the club meeting. A sign up sheet were passed around by Rich, (N8FIL) to see who will participate. Rich also needs someone to do food. (Non-Profit Org.)

REPEATER: Rich (N8FIL) explained the problem with the 146.82 repeater, it seems the TX Antenna has become tilted and is causing an elliptical pattern. The cost for a Steeple Jack is around \$800. At this time there is no time frame of when there will be work done to the tower.

SCHOOL EVENTS: Dave Dressler (KD8V) discussed the Arrow Head School Events success on November 10 (Veterans

Day), over 40 contacts were made. We will be looking for other schools in Parma, Brecksville and Independence, etc. (K through fourth grade).

DAYTON BUS TRIP: Gordon Kolus (KC8IOU) announced that the bus trip is May 19, 2001 and the meeting place is 7885 Snowville Road and Brecksville Road. Departure time is 2:30 a.m. EST. Cost is only \$30 there maybe a five percent fuel charge. Join some other members and have a fun time. Send your reservation and money in as soon as possible or call 330-225-6917.

SUNSHINE CHAIRMAN: Aaron (KC8INE) is the new Sunshine Chairman. You can call Aaron at 440-526-9705 or e-mail Aaron at sunshine@cars.org just added to web site thanks to Greg (KG80)

REFRESHMENT & 50/50: Dave W8IXY collected \$46 for the 50/50 raffle. The winning ticket was drawn by Terry (KB8DTC) and the winner of \$23 was Lin Shaw (WD8SDP).

WEB SITE NEWS: Greg (KG80) used the wireless modem set up by AlphaCom, showing everyone the updates and changes to the web site. He also explained various features. For all who haven't seen the updates please check it out at www.cars.org.

PROGRAM PRESENTATIONS: Gary (NI8Z) introduced AlphaCom a Wireless Modem Company. If have any questions contact Gary NI8Z, he is your local distributor.

SPECIAL NOMINATION FOR SECRETARY: Bob (W8GC) ask for nominations for secretary to fill the vacancy created when Glenn (KG8MR) had to resign. Ron (K8VJG) nominated the board appointed pro-tem secretary Steve (N8IS). Gary (NI8Z) moved to close nominations, seconded by Rich (N8FIL). Bob (W8GC) stated a special election would be held at the February meeting. Greg (KG80) moved to suspend the By-law requiring a vote at the next meeting and vote tonight January 17, 2001, seconded by Rich (N8FIL). No other candidates or objections so Bob (W8GC) called for a the vote. A unanimous vote for Steve (N8IS) is recorded.

PROGRAMS: Gary (NI8Z) has many programs scheduled from now to the end of the year, however a couple of meeting are still open, if you have a suggestion contact Gary (NI8Z)

OLD BUSINESS: No Old Business

NEW BUSINESS: Steve (KC8IVD) announced that the Great Lakes (Ohio) Search and Rescue K-9 Team has scheduled a DRILL at Portage Lakes State Park, 5031 Manchester Rd., Route #93, Akron Ohio on January 28, 2001 (this is a Sunday). The time is 10 a.m. EST to 5 p.m. EST. If you would like to participate or have questions please e-mail Steve (KC8IVD). Voting Members received a copy of the proposed changes to the By-Laws and Constitution. Any questions please contact Gary (NI8Z) or send him an e-mail at vicepresident@cars.org. This will be discussed and voted on at the next meeting.

Glen (KG8MR) Track is Empty Contest: Four choices were voted on: #1 M.T. Mostly Tech (zero votes), #2 Track is Empty (GONG), #3 Trach Iz Hempty got 5 votes and #4 Z0AN was the winner with 29 votes. The winning member (anonymous) had his dues paid for one year and received a copy of Hertz Works Ham software.

ADJOURNMENT: Ron (K8VJG) moved we close the meeting, second Terry (KB8DTC), meeting was adjourned at 10 p.m. EST.

THE RANDOM WIRE

by Tom Wayne, WB8N

Search & Rescue

On Super Bowl Sunday, January 28, several members participated in a search and rescue drill with the Great Lakes Search & Rescue Team. This is the team which uses trained dogs to locate lost persons. We have worked with this organization before, the most recent being on October 21st of 2000, at which we only had two members participate. At this drill however, we had seven members of C.A.R.S. turnout for the drill.

The drill was located at Portage Lakes State Park, which is south of Akron. Members present were Steve Hnatiak KC8IVD who is also a member of the Search Team, our Vice President Gary Dewey N18Z, our treasurer Judy Crane KC8FHE, Jim Crane KB8SQF, board member Roy Hadden KB8VJF, Duncan St. Ives KC8KQO, and yours truly.

The search team and their dogs were already at the site, having had a meeting, and some practice for the dogs in the morning. We got there around 1 p.m. and found that Steve had already set up a 2 meter base station, along with a monitor to listen to the FRS radios which the search team members carried. We were headquartered in the park maintenance building which heated and kept us out of the elements. The temperature was cold, but the wind was rather calm and it was not snowing, although the ground was snow covered and there was ice, covered by snow, on the lake.

The search team came into the building and had their lunch, which was comprised of a pot of chili and a pot of bean soup. We were free to take part in the eats if we so wanted. They also had coffee and soft drinks for all involved.

After everyone had their fill of the victuals, things got going. The "victims" were put out in the woods around the lake and the teams and a member of C.A.R.S. set out on the snow covered ground to find them, with the aid of the dog comprising part of each team. The first wave consisted of two teams. The victims were soon found. After all involved returned to the starting point, a second wave of three teams set out to find three more victims. The dogs had little difficulty in finding the "victims," at least one of which was located up in a tree covered with camouflage.

At one point we were notified of a "drunken hunter" wandering around in the woods. We soon learned that this was one of our members and also a victim. Shortly after that being reported to our base, the victim reported on the radio that he had become disoriented, and needed guidance back to the starting point of the search. Shortly afterward, he reported that he had spotted a search dog, which was searching for another victim, and he was able to find his way back. We almost thought we were going to have an actual victim to be located by the dogs and their teams!

After all the victims were found, the team returned to the building where we had our base and we did a short critique on the day's operations. One of the things we learned was that we were not able to copy the FRS radio traffic for some reason. This is one of the reasons we are needed to provide communications, especially if the search area or areas are large. All-in-all, the drill went well.

We were able to leave and head for home in time to make it for the big game. What a disappointment that was! At least we had a productive and fun afternoon.

The next drill we have been asked to participate in will be

sometime in May. Hopefully it will not be during Dayton weekend! Thanks to all who took part in this drill. No one thought to bring a camera so unfortunately there won't be any photos of the event in the W.O. but take my word for it...a fun time was had by all. Right, Steve?

Hamfests Coming Up

Just a reminder, the Madison Hamfest is Sunday, February 11, and the Cuyahoga Falls Hamfest is Sunday, February 25.

See Ya

Well, I guess that is about all for this month folks, so I'll say...73 for now and catch you on the air until the next meeting.
de Tom, WB8N

Hallicrafters Returns?

Last month in this space, we told you about the death of the original Hallicrafters Collectors Association (HCA) Organization and its website, www.hallicrafters.org in large part because of a petty "tempest in a teapot" dispute with a handful of people calling themselves "Hallicrafters Collector's International" (HCI) and their actions in creating a rival web site, www.hallicrafters.net.

In new developments, Chuck Worsham, President of Professional Electronics, owner of the Hallicrafters trademarks (and who markets military gear under that name) has entered the picture. Concerns have been raised about the legal and ethical issues regarding the HCI's website and its unauthorized (by him) use of the Hallicrafters trademarks. But it has also come out that Professional Electronics may be entering the amateur market under the Hallicrafters brand name!

HCA Founder Brad Stone NB9M, reported in a January 8 e-mail that "Chuck & I are currently discussing the possibility of developing his www.hallicrafters.com site. I'm excited about the possibility of helping: Hallicrafters will be releasing a new HF linear amplifier for the amateur market! It is currently undergoing testing prior to approval and production. Hallicrafter also has another interesting VHF/UHF linear amplifier, built for the military, that may find its way to the amateur market."

Stone also reported that he has turned ownership and administration of the www.hallicrafters.org domain to Professional Electronics.

Rockwell International To Spin Off Collins Avionics Unit

Rockwell International Corporation announced in a press release on December 8, 2000 that its board of directors has approved in principle the spin off of the Rockwell Collins avionics and communications business unit to shareholders as a separate, publicly traded company.

The new company, Rockwell Collins, will continue to be based in Cedar Rapids, Iowa. The spin-off is pending IRS and other regulatory approval. Once approved, which is expected sometime in 2001, the new company will apply to be listed on the New York Stock Exchange for public trading.

Prior to its acquisition by (then) North American Rockwell in the early 1970s, the company was known as Collins Radio and considered by many the premier manufacturer of Amateur Radio equipment in the United States. Collins Radio equipment, notably the 75A4 Receiver, the KWM-2 Transceiver, the 30L1 Linear, the "S-Line" Transmitter/Receiver series, amongst many others, are sought after the considered highly valuable by collectors throughout the world.

UPCOMING EVENTS

Cars Meeting and Programs: Wednesday, February 21, 2001	8:00 p.m.	Busch Community Room, 7501 Ridge Road (south of Pleasant Valley) Parma, Ohio
Wednesday, March 21, 2001		
Hamfest Committee Meeting: Wednesday, February 21, 2001	7:00-7:30 p.m.	Busch Community Room, 7501 Ridge Road
Hamfests: Sunday, February 11 Sunday, February 25		Madison Hamfest Cuyahoga Falls Hamfest
CARS VE session: March 11	9:00 a.m.	Independence Town Hall, 6652 Brecksville Road
HamVention: Saturday, May 19, 2001	Depart 2:30 a.m. from 7885 Snowville Rd.	Dayton, Ohio

EXECUTIVE BOARD

OFFICERS

PRESIDENT:

Bob Check - W8GC
President@cars.org

VICE-PRESIDENT:

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

SECRETARY:

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

TREASURER:

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

BOARD OF DIRECTORS

ODD YEAR EXPIRATION

Gordon Kulus - KC8IOU
330-225-6917 or KC8IOU@cars.org
Terry Pillatt - KB8DTC
330-273-1043 or KB8DTC@cars.org

EVEN YEAR EXPIRATION

Bill Koenig - AA8WJ
Ron Borkey - K8VJG
440-237-6718

LICENSE TRUSTEE

Monica James - N8HTX
330-468-2035 or Trustee@cars.org

Send E-mail to all C.A.R.S. officers at
Officers@cars.org

STANDING COMMITTEES

** denotes chairman*

AMERICAN RED CROSS DISASTER LIAISON

Ev Chitester* - WA8EYF
216-581-3657

COMMUNICATIONS TRAILER

Rich James* - N8FIL
330-468-2035

COMMUNITY EDUCATION & SCHOOL PROGRAM

Dave Dressler* - KD8V
330-666-8721

Tom Wayne - WB8N
440-232-4193

Paul Valley - KC8AMD
440-237-8116

Steve Riley - KC8GCA
216-328-9276

Ron Borkey - K8VJG
440-237-6718

DAYTON BUS

Gordon Kulus* - KC8IOU
330-225-6917

DIGIPEATER

Tom Wayne* - WB8N
440-232-4193

FIELD DAY

Tom Wayne co* - WB8N
440-232-4193

Dave Morley co* - W8IXY
440-884-0650

Mike Thomas - KB8BMY
Aaron Clark - KC8INE
440-526-9705

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 (ex KC8GCA)

NET

Phyllis Collins* - KC8DVL
216-883-3718

WO/NEWSLETTER

Russ Schneck - KC8IHS
Monica Schneck - KC8IYM
330-659-3889

PROGRAM DIRECTOR & ELMER PROGRAM

Gary Dewey* - NI8Z
216-642-1399

CARS QSL MANAGER

Tom Wayne* - WB8N
440-232-4193

REFRESHMENTS & 50/50 AT MEETINGS

Dave Morley* - W8IXY
440-884-0650

REVUE CONSTITUTION & BY-LAWS

Gary Dewey* - NI8Z
216-642-1399

Glen Shore - KG8MR
330-425-9762

Ev Chitester - WA8EYF
216-581-3657

Boehnlein - N8TCP
440-843-6723

SUNSHINE (WELFARE)

Aaron Clark - KC8INE
440-526-9705

TECHNICAL/VA HOSPITAL

Rich James* - N8FIL
330-468-6021

Roy Hadden - KB8VJF
330-468-3020

VE EXAMS

Gary Dewey* - NI8Z
216-642-1399

WEB SITE/E-MAIL

Greg Kopp* - KG8O
216-577-1388

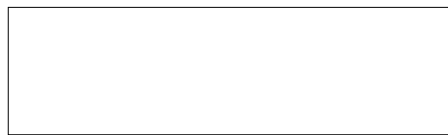
THE WOBBLY OSCILLATOR



February 2001


Club Frequencies

70cm repeaters	443.825 MHz	Input 448.825 MHz PL 131.8 Hz
	444.750 MHz	Input 449.750 MHz PL 131.8 Hz
2m repeater	146.820 MHz	Input 146.220 MHz PL 110.9 Hz
2m simplex	146.475 MHz	
2m digipeater	145.070 MHz	Node CARS or K8ZFR
6m repeaters	53.010 MHz	Input 52.010 MHz PL 136.5 Hz
	53.830 MHz	Input 52.830 MHz PL 107.2 Hz
Internet	http://www.cars.org	



**TIME TO RENEW YOUR MEMBERSHIP?
CHECK THE EXPIRATION DATE ON YOUR
ADDRESS LABEL.**

The Wobbly Oscillator
P.O. Box 31264
Independence, OH 44131-0264



To read the changes made in the Bylaws as they exist per March 1986 use the following Legend

Legend: Old text eliminated or changed will be in parentheses (*italicized print*); New Wording will be in brackets [**Bold**]

BY-LAWS OF THE CUYAHOGA AMATEUR RADIO SOCIETY

(as amended March, 1986) [As Amended January, 2001]

ARTICLE I - Definitions

SECTION [1: C.A.R.S. - The Cuyahoga Amateur Radio Society]

SECTION (1)2: Executive Board: The Officers and the Board of Directors.

SECTION (2) 3: Quorum: (*One-third of the Full Members and one-third of the Executive Board.*) [**The minimum number to conduct voting at any Regular Meeting or Board Meeting or Special Meeting. A minimum of four (4) from the Executive Board. This quorum limit does not supercede the requirements of the number necessary to spending authorization in Section VIII.**] (*Executive Board Members may be counted to meet both the Full Member and Executive Board requirement.*)

SECTION (3) 4: (Club) [C.A.R.S.] Property: Purchased or donated equipment, supplies, and/or facilities, accrued without lien.

SECTION (4) 5: Board Meeting: A meeting of the Executive Board and interested C.A.R.S. members.

SECTION (5) 6: Regular Meeting: The monthly membership meeting.

SECTION (6) 7: Regular Election Meeting: The Regular November meeting.

SECTION (7) 8: Special Meeting: A meeting of the membership called by the Executive Board to do business that must be conducted before the next Regular Meeting.

[SECTION 9: WO - The C.A.R.S. Newsletter called the Wobbly Oscillator

SECTION 10: THE C.A.R.S. WEBPAGE - <http://www.CARS.ORG>. The domain name CARS.ORG is property of C.A.R.S. The Registrant shall be C.A.R.S. with a C.A.R.S. designated mailing address.

SECTION 11: C.A.R.S. Sponsored Activity - Any activity that is approved by the Executive Board, such as HAMFEST, FIELD DAY, PUBLIC SERVICE EVENTS, VE SESSIONS and C.A.R.S. NET.

SECTION 12: C.A.R.S. NET - The weekly UHF/VHF radio meeting to provide C.A.R.S. information to C.A.R.S. members.

SECTION 13: Membership Year - The period of one year when all annual dues and assessments have been paid.]

ARTICLE II - MEMBERSHIP

SECTION 1: Applications for membership shall be submitted (*in writing*) [**to the Membership Chairman**] (*at a Regular Meeting*). [**Applications shall be**] (*and*) voted on at (that) [**the next Regular**] meeting, provided all members have been notified in [**the WO**] (*writing*) prior to the vote meeting. The application shall be accompanied by any required dues, starting with the month following the meeting of the vote, and continuing until the end of the membership year. A one time (*initiation*) [**administrative**] fee of five dollars (\$5.00) shall also accompany the application. Acceptance shall be by a two-thirds vote of the Full Members present at the vote meeting.

SECTION 2: Full Member:

[**(A) An individual elected to membership in C.A.R.S.,**] (*A member*) who holds a valid amateur radio license, has currently met obligations regarding payment of dues and assessments, and (*attended a minimum of one of the previous three (3) regular meetings.*) [**attends at least three Regular Meetings or C.A.R.S. Sponsored Activity(s) within the Membership Year. A Full Member has voting privilege. Full Members must be present at a voting meeting to participate in voting. Exceptions will be made only for the Regular Voting Meeting. Full Members may cast an absentee ballot which will be provided in the W.O. Full Members will receive a copy of the C.A.R.S. Constitution and Bylaws, Repeater access information, guidelines for participation on the repeater and C.A.R.S. NETS, ability for phone patch access, the current C.A.R.S. roster, C.A.R.S. WEBPAGE information and other information as necessary for full participation.**]

[**(B) An individual licensed amateur who is in the immediate family of, and/or resides at the same address as, a Full Member, and meets the same requirements as outlined in SEC.2(A) above, shall be eligible to be a Full Member at 25% of the established dues for a Full Member, This was formerly called the Family Member. This member will not receive a separate WO but will be eligible to vote.**]

SECTION 3: Inactive Member: (*A person who has been elected to membership and does not currently meet the requirements for Full Membership*). [**A member becomes considered an Inactive Member after failing to attend any C.A.R.S. Sponsored Activity or attend a Regular Meeting in a Membership Year and/or failing to pay dues within 30 days past the Membership Year. An Inactive Member shall not receive the WO., use the repeater auto patch, or vote until full payment of C.A.R.S. dues have been received.**]

(SECTION 4: Family Membership: A licensed amateur who is in the immediate family of a Full or Inactive Member, and resides at the same address. Said membership shall carry all privileges for participation in all Club activities and meetings, except the right to vote.)

SECTION 4 Auxiliary Member: Any interested party who does not meet the requirements for a Full or Inactive membership, or who lives outside a seventy-five (75) radius of Cuyahoga County, Ohio. **[An Auxiliary Member has no voting privilege.]**

SECTION 5 Honorary Member: The title of Honorary Member, may, by a motion of and a vote of two-thirds of the Full Members present, be bestowed upon any person who, by nature of outstanding or meritorious contribution to the furtherance of amateur radio and the ideals of the Cuyahoga Amateur Radio Society, is deemed to be deserving of such title. Such term of membership shall be for a period of one year, and shall carry all privileges of membership, except the right to vote.

[SECTION 6: Former Member: Any previous C.A.R.S. member who is delinquent with dues and/or assessment. Former members lose member privilege such as, they receive no newsletter, lose any mailbox, auto patch privilege and may be relieved of any C.A.R.S. property or material warranted by the Executive Board.]

SECTION 7: REINSTATEMENT (a) A former member will be automatically reinstated into the (*Club*) **C.A.R.S.** within a twelve month period, provided all dues and assessments for this 12 month period are paid in full. (b) A Former Member who re-applies for membership after the twelve month period, must apply and fulfill the requirements of a new member as stated in Article II, Section 1 of these By-Laws. The (*initiation*) **[administrative]** fee will not be required of a Former Member.

[SECTION 8: MEMBERSHIP STATUS

Membership status will be maintained through the joint effort of the Treasurer and by the Secretary. The C.A.R.S. current roster shall be posted on the C.A.R.S. WEBPAGE at least twice per calendar year. It is every members responsibility to notify the Officers of any changes in amateur license status and current address.]

ARTICLE III - DUES

SECTION I - DUES PAYMENT

(a) Dues of (*one dollar (\$1.00) per month*) **[\$20.00 per year]** shall be paid by all Full and Inactive Members.

(b) (*Dues under Family Membership shall be two dollars (\$2.00) per person, per year, provided the Full or Inactive Membership is paid.*) **[Dues by members of the family will be \$5 per family member, providing the Full Member dues has been paid in full for the Membership Year.]**

(c) Auxiliary Members shall pay dues equal to 25% of the dues paid by the Full and Inactive Members.

SECTION 2: PAYMENT OF DUES

(a) Members three months behind in dues will be dropped from the (*Club*) **[C.A.R.S.]** roster.

(b) Full Members who are two months (*or more*) behind in dues will automatically become Inactive Members.

[(c) Notification of dues payment requirement will be made in the WO and on the CARS WEBPAGE one month prior to the end of the Membership Year.]

ARTICLE IV - MEETINGS

SECTION 1: The Executive Board shall determine and advise the membership of the date, time, and place of all Regular and Special Meetings.

SECTION 2: All Executive Board Members shall be notified of the date, time, and place of all Board and Executive Board Meetings.

SECTION 3: A quorum must be present at all Regular and Special Meetings to conduct business.

SECTION 4: Two-thirds of the Executive Board must be present at an Executive Board Meeting to conduct business.

ARTICLE V - ELECTIONS

SECTION 1: Election of Officers and elected Board Members shall be by secret ballot at the Regular Election Meeting. Nominations for office shall be submitted at the (*previous*) Regular Meeting **[in September and October then presented to the Full Membership via the WO.]**

SECTION 2: Election shall be by plurality of the Full Members present, and absentee ballots from Full Members accepted by the Executive Board. In case of a tie, successive ballots shall be cast only on the tied candidates, until the tie is broken.

SECTION 3: Vacancies occurring between elections must be filled by Special Election. Nominations shall be submitted at the first Regular Meeting following written notification to the (*members*) **[Executive Board]** of the vacancy. Elections shall be held at the first Regular Meeting following presentation of the nominations. In the interim, the Executive Board may appoint a member who meets the requirements for that office, to the post, until the Special Election is held.

ARTICLE VI - COMMITTEES

SECTION 1: The President of (*the Club*)[C.A.R.S.] shall appoint the chairmen of those committees that he deems necessary to carry out the objectives of (*the Club*) [C.A.R.S.]

SECTION 2: The chairman of a committee may enlist members for the committee as necessary to carry out the duties of the committee.

ARTICLE VII - AMENDMENTS

SECTION 1: The By-Laws may be amended by a three-fourths vote of the Full Members present at a Regular Meeting. Proposals for amendments shall be submitted in writing at a Regular Meeting, and voted on at the next Regular Meeting, provided all members have been notified in writing of the intent to amend the By-Laws prior to the vote meeting.

[ARTICLE VIII - SPENDING AUTHORIZATION

SECTION 1: AUTHORIZATION

(A) For payments up to but not exceeding \$100.00, approval of two Executive Board members is required and one must be the President or the Vice President, in the Presidents absence.

(B) For payments up to but not exceeding \$600.00, approval of the majority of the Executive Board is required.

(C) The Executive Board may preauthorize recurring charges not exceeding \$100.00 per month for payment of bills including, but not limited to, phone bills, newsletter printing, postage, and insurance.

(D) A majority of the Full Members present and two-thirds of the Executive Board voting at a Regular or Special C.A.R.S. meeting is required for approval of payments exceeding \$600.00.

(E) The billing contact will always be the Treasurer.]

[SECTION 2: AUDITS

(A) An annual Audit will take place each year. It will begin after the November election meeting and must be completed by December 31.

(B) An Audit will take place at any time that the Treasurer leaves office, and the newly-elected Treasure must take part in the Audit.

(C) The Audit will be conducted by three members of the Executive Board with the Treasurer also present.]

[ARTICLE IX - C.A.R.S. COMMUNICATION

SECTION 1: C.A.R.S. WEBPAGE

(A) The CARS.ORG WEBPAGE is a registered name for the use of C.A.R.S. members. It will be maintained by the WebMaster appointed by the President and approved by the Executive Board. All decisions as to the WEBPAGE, its administration, email policies shall be the approved by the Executive Board.

(B) The WEBPAGE administrative contact shall be the Secretary (secretary@CARS.ORG).

(C) The WEBPAGE billing contact shall be the Treasurer (treasurer@CARS.ORG).

(D) The WebMaster contact shall be WebMaster@CARS.ORG

SECTION 2: The WO, THE C.A.R.S. NEWSLETTER

(A) The WO represents C.A.R.S. monthly communication information to the membership. Submissions to the WO. may be sent to the newsletter editor via the C.A.R.S. WEBPAGE (NEWSLETTER@CARS.ORG) or given to the newsletter editor directly.

(B) The Newsletter Editor shall be appointed by the Executive Board.

(C) All costs associated with producing and delivering the WO shall be submitted to the Executive Board for approval.

(D) The content of the WO shall adhere to the MISSION as stated in the CONSTITUTION of C.A.R.S.]

To read the changes made in the Constitution as they exist per March 1986 use the following Legend

LEGEND: Old text eliminated or changed will be in parentheses (*italicized print*); New Wording will be in brackets [**bold**]

CONSTITUTION OF THE CUYAHOGA AMATEUR RADIO SOCIETY

(as amended March, 1986) **As Amended January, 2001**

(PREAMBLE:)[MISSION]

(*We, the undersigned, wishing to secure the pleasures and benefits of the association of persons commonly interested in amateur radio, constitute ourselves*)[**The Cuyahoga Amateur Radio Society, hereafter known as C.A.R.S. (and) enact this Constitution as our governing law.**] It shall be our purpose to further amateur radio by serving the public; to promote technical knowledge, fraternalism, (*and*) individual operating proficiency; and to advance the general interest and welfare of amateur radio in the community.

ARTICLE I - MEMBERSHIP

SECTION 1: Membership shall be by application and election according to the terms stated in the By-Laws.

ARTICLE II - BOARD OF DIRECTORS

SECTION 1: The Board of Directors shall consist of four (4) elected Board Members, plus the License Trustee of [**the primary (Club) C.A.R.S. FCC license**]. (*station*). [**The primary license for C.A.R.S. station(s) call is K8ZFR.**]

SECTION 2: The four elected Board Members shall be elected to two year (*staggered*) terms according to the terms stated in the By-Laws. [**Two Board Members will be elected in the odd year; two Board Members will be elected in the even year.**]

SECTION 3: No person shall be eligible to serve on the board who has not been a Full Member of (the Club) **C.A.R.S.** for at least twenty-four (24) (*consecutive*) months prior to nomination for office.

SECTION 4: The duties of the Board of Directors shall be to look after and maintain (*Club*)[**C.A.R.S.**] property; serve as the Trustees of the Corporation, and conduct an annual audit of the books.

SECTION 5: An elected Board Member may be removed from office by a three-fourths vote of the Full Members.

SECTION 6: The term of a member of the Board of Directors, elected at a Regular Election Meeting, shall start January first of the calendar year following election to office. The term of a member of the Board of Directors elected at a special election, shall commence immediately following election to office.

ARTICLE III - OFFICERS

SECTION 1: The officers of (*this Club*) [**C.A.R.S.**] shall be: President, Vice-President, Secretary, and Treasurer.

SECTION 2: The officers shall be elected for a term of One (1) year according to the terms stated in the By-Laws.

SECTION 3: No person shall be eligible to serve as an officer who has not been a Full Member of (*the Club*) [**C.A.R.S.**] for at least twelve (12) (*consecutive*) months prior to nomination for office.

SECTION 4: DUTIES OF OFFICERS

(a) The President shall preside at all meetings of (*the Club*) [**C.A.R.S.**] (*He*)[**The President**] shall enforce observance of this Constitution and By-Laws, decide all questions of order, sign all official documents that are adopted by (*the Club*) [**C.A.R.S.**], and perform all customary duties pertaining to the office of the President.

(b) The Vice-President shall assume all duties of the President in the absence of the latter.

((*He*)) *shall also serve as a chairman of a committee, as appointed by the President.*)

(c) The Secretary shall keep the minutes of all meetings, including a record of all members and guests in attendance; keep a roll of the members, present applications for membership, carry on all correspondence, and read all communications at each membership meeting. (*He*) [**The Secretary**] shall also have a current copy of the Constitution and By-Laws, a current list of the Full Members and a recent inventory of (*Club*) [**C.A.R.S.**] property at each meeting.

(d) The Treasurer shall receive and receipt for all monies paid of and to (*the Club*) [**C.A.R.S.**]. (*He*) [**They**] shall be responsible for issuing receipts for money and equipment and other tangible property donated to (*the Club*) [**C.A.R.S.**] (*He*) [**The treasurer**] shall keep an accurate account of all money received and expended. (*He*) [**The treasurer**] shall pay no bills without proper authorization (by (*the Club*) [**C.A.R.S.**] or the Board of Directors, as provided for in the Constitution and By-Laws). (*He*) [**The treasurer**] shall submit an itemized statement of disbursements and receipts at each meeting.

SECTION 5: Officers may be removed by a three-fourths vote of the Full Members.

SECTION 6: The term of an officer elected at a Regular Election Meeting, shall start January First of the calendar year following election to office. The term of an officer elected at a special election, shall begin immediately following election to office.

ARTICLE IV - EXECUTIVE BOARD

[SECTION 1: The Executive Board consists of all currently elected officers and the Board of Directors.]

SECTION (1) (2) : The Licensee Trustee(s) **[and the Statutory Agent]** shall be appointed by the Executive Board.

(SECTION 2: The Statutory Agent of the Corporation shall be appointed by the Executive Board.)

[SECTION 3: DUTIES OF THE License Trustee(s) and Statutory Agent

(a) The Licensee Trustee is responsible for all documentation relating to the FCC Amateur Radio License for which they are Trustee. The Licensee Trustee shall provide status of equipment, documentation of changes, documentation of coordination with the authorized coordinating committees and boards to the Executive Board annually.

(b) The Statutory Agent is responsible for all documentation relating to the tax exempt status of C.A.R.S. The Statutory Agent, if not the Secretary, shall provide to the Secretary a copy of all correspondence relating to C.A.R.S. The Statutory Agent shall provide a written report to the Executive Board of the current status annually.]

SECTION (3) (4) - The Executive Board shall meet a minimum of three (3) times a year to conduct *(their)* business.

SECTION (4) (5): All Executive Board Members shall at the expiration of their term, removal from office, or vacancy of office, turn over all *(Club)* **[C.A.R.S.]** property in their possession to their successor. All *(Club)* **[C.A.R.S.]** records more than three (3) years old shall be turned over to a person designated by the board as Property Custodian.

[SECTION (6) The Property Custodian shall provide a secure storage for all C.A.R.S. records, documents and equipment in their possession. The Property Custodian shall provide the President and Secretary the location, key(s) and summary of all historical material/records annually.]

ARTICLE V - MEETINGS

SECTION 1: The By-Laws shall *(provide for)* **[govern]** all meetings. All FCC Rules and Regulations shall be followed where they pertain to *(Club business)* **[C.A.R.S. amateur radio equipment operation]**. Except as provided for in the FCC Rules and Regulations, this Constitution, *(and)* By-Laws, and the Articles of Incorporation, all *(Club)* **[C.A.R.S.]** business shall be conducted according to Robert's Rules of Order.

ARTICLE VI - DUES AND ASSESSMENTS

SECTION 1: Membership dues shall be as provided for in the By-Laws.

SECTION 2: Proposals for assessments shall be submitted in writing at a Regular Meeting and shall be voted on at the next Regular Meeting, provided all members have been notified in writing prior to the vote meeting. The assessment may be levied by a two-thirds vote of all Full *(and Inactive)* Members present at the vote meeting. Full *(and Inactive)* Members may also vote by giving their written proxy to a member of the Executive Board.

SECTION 3: Assessments shall not be levied on Family, Auxiliary, or Honorary Members.

ARTICLE VII - MERGER AND DISBANDMENT

SECTION 1: No merger shall be made with any group in which the Cuyahoga Amateur Radio Society would lose its identity. Any other merger may be made upon the consent of ninety percent (90%) of the Full Members and two-thirds of the Board of Directors.

SECTION 2: Disbandment shall be covered by Section 501(3)(c) of the Internal Revenue code, and stated in the Articles of the Not-For-Profit-Corporation, referred to in the body of this Constitution as *(the Club)*, The Cuyahoga Amateur Radio Society, **[C.A.R.S.]**

ARTICLE VIII - AMENDMENTS

SECTION 1: This Constitution may be amended by a two-thirds vote of the Full Members. Proposals for Amendment shall be submitted in writing at a Regular Meeting and voted on at the next Regular Meeting, provided all members have been notified in writing of the intent to amend the Constitution prior to the vote meeting.

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