

FEBRUARY MEETING AT ALFONSO'S RESTAURANTE

DETAILS FURTHER ON DOWN THE PAGE.

FROM THE PREZ

By this time we should be over the hustle and bustle of the holidays. Most folks may be developing a dreaded case of cabin fever. C.A.R.S planned an event to somewhat relieve that malady. Our February club meeting will be a dinner meeting at Alfonso's Italian restaurant. The address and map have been on the C.A.R.S. website since we voted to have it at our last meeting. I'm sure there will also be location information in this issue, but just to cover all bases Alfonso's is located on West 130th Street in Middleburg Heights in the shopping strip on the Northwest corner at Sprague Rd.

We have had mixed success with our dinner meetings over the years. Of the feedbacks I have received, the main reason some members skip the dinner meetings, is because they feel uncomfortable if they don't have dinner. Nothing could be farther from the truth. We arrange these meetings to be scheduled at the normal 7:30 start time. We reserve the room from 6:00 on, so people can finish eating before the meeting starts. If you want to come for the meeting only, that is PERFECTLY fine. If you want to come at 6:00 to visit with your fellow hams but don't want to eat, that's fine too. The restaurant offers adult beverages and will be glad to serve you if you don't want a meal. If you have to work and can't get there much before 7:00 you will still be able to

order with no problem. I have spoken to the manager and explained all the different scenarios and he is fine with everything. I emphasized that we wanted to patronize a restaurant that would be able to accommodate our members whatever their preference, and he assured me that would be the case. And if you're like me, on a tight budget, they do serve very good pizza at reasonable prices. Since we have members from all over the area it is impossible to have something like this in everyone's back yard. We are always open to suggestions to location. *continued on next page...*

<i>In This Issue:</i>	
<i>From the Perez.....</i>	<i>pg 1</i>
<i>Meeting Minutes.....</i>	<i>pg 2</i>
<i>The Rest of the Trivia.....</i>	<i>pg 3</i>
<i>Ken's Junk Box.....</i>	<i>pg 3</i>
<i>February Birthdays.....</i>	<i>pg 4</i>
<i>Amplifier for Sale.....</i>	<i>pg 4</i>
<i>Up-Coming Events.....</i>	<i>pg 4</i>
<i>The Random Wire.....</i>	<i>pg 4</i>
<i>Excerpts from GEARVAKf</i>	<i>pg 5</i>

I must say though, one of the things about Alfonso's banquet room is it is completely separated from the rest of the restaurant and it is adequate in size and shape, quite similar to our normal meeting room.

This is something the overwhelming majority wanted, so let's amp up the attendance as much as possible to make this a success. Don't forget, the XYLs are more than welcome for dinner and/or the meeting. I hope to see you there.

73, Toby, WT8O

JANUARY MEETING MINUTES

The CARS membership meeting was called to order by President Toby Kolman, WT8O, on the 8th of the month at 7:30 pm. The meeting was held at the Bush Funeral Home Community Room located at 7501 Ridge Road in Parma. 27 members and 1 guest, Kevin Henderson, KD8QAZ, in attendance.

After introductions the November minutes were approved as published in the January Wobbly Oscillator by Toby, WT8O.

President Toby, WT8O, asked that we vote new member in, John Bruening, KD8ENY. John was not able to attend the meeting but did send his dues in for 2013. Gary, NI8Z, went thru the membership approval process, John was approved.

Bob, W8GC, gave the treasurer's report and reminded all to please consider purchase of the gift card program, of which the club gets a certain percentage.

Toby, WT8O, mentioned about dinner meeting, saying that the February meeting will be at Alfonso's Restaurante on West 130th and Sprague road, in the shopping strip. The meeting will still start at 7:30, but members wanting to eat can come around 6:00 pm.

The new net results will start from 12/01/2012 thru 2013.

Toby stated that Field Day weekend will be June 22 & 23, that the class of operation will be decided by the field committee. Always could use extra people to help setup on field day. Toby also asked the members to have respect for the meeting, any conversations should be done

before or after the meeting. Toby asked that the parking spots by the building be reserved for people that have physical problems.

Toby, WT8O, stated the constitution revamping is on the table, committee still working on proper language.

The program committee is working on the yearly programs for 2013. If you have any ideas, call Gary, NI8Z, or Toby, WT8O.

VP Gary, NI8Z stated there will be VE Session on January 13, 2013 at the Elmwood recreation center behind fire station. The March VE Session/ board meeting will be back to the usual location at the Independence Old Town Hall. The amateur radio license classes will not be at the Independence Civic Center as we need 7 weeks in a row for the classes and Independence will not let us have seven weeks in a row. Members are looking for new place to have classes.

Sunshine: Gary, NI8Z, sent a get well card to William Kemmett, KD8QBB's wife who had heart surgery. Gary announced that CARS will be doing the school roundup again in February, at the Copley-Fairlawn Middle School. Gary will give a demonstration on a new and easier way to solder coax connectors after the meeting.

Secretary Dwaine, K8ME, reported that the Dayton Hamvention® bus will go again on May 18th. Check the CARS website for details. You can also order your Dayton Tickets thru the CARS website. The Board will discuss all the details for the bus, including cost.

Toby, WT8O, thanked the refreshment committee: K8VJG, K8DMT, and WB8ROK. With no other new or old business Toby declared the meeting adjourned at 8:20 pm.

The 50/50 winner was Dwaine, K8ME. His portion was \$31.00 with CARS share of \$32.00 going to the treasury. The winner of the SBE Scanner and accessories was Rich Williams, NW8X.

Submitted by CARS Secretary,
Dwaine Modock, K8ME

THE REST OF THE TRIVIA

By Steve Spisak, K8SAS

The January 16th. Net had an unusual question tied to Morse code. Well here is how it came about.

Norman Joseph Woodland graduated from technical school and his friend, Bernard Silver, mentioned to him about a grocer in town that was wondering if a process could be developed where grocery items could be scanned to speed things at the checkouts.

This question was on Norman's mind for a while and when he was at his grandfather's Florida home in 1949 he went to the beach to think about the idea.

He was a boy scout a few years back and studied Morse code. He was trying to remember the code and draw the letters in the sand. When he wiped them clean with his hand, he drew lines from the dots and dashes downward becoming wide and narrow lines. It had dawned on him that this coding idea could be developed further to be used on items in a checkout line. The original patent in 1952 had the idea as a round shape of narrow and wide lines. This was before its time and equipment to read this would exceed \$15,000.00 dollars.

It was first used commercially in 1966, but there was no standards for the labeling. It wasn't until the 1970's that the idea was modified into the shape of a bar. The UP barked was born and came into being in 1974 at Marsh's Supermarket when a 10 pack of Wrigley gum was the first item ever scanned commercially.

Norman passed away at the age of 91 on December 9, 2012. Although he partnered along the way with the idea, it is only him that will be called, "The Father of the Bared".

This all came about due to a technical school graduate who remembered his Morse code and modified the shape to get the job done! And now you know the rest of the trivia.

DUES REMINDER!

2013 dues were due on or before January 31, 2013. Dues can be paid online by sending the funds via Paypal to w8gc@2cars.org. You can mail a check to: CARS, P.O. Box 31264, Independence, 44131 or pay at the February CARS meeting.

Dues are \$20.00 per year for regular

membership. Each additional family member is \$5.00. If you are 60 yrs old or over and 18 yrs old or less your dues are only \$12.00 per year.

KEN'S JUNK BOX

By Ken Osicki, K8OAE

I recently found an interesting organization, web page, and audio program that should be of interest to many of our members.

The organization is the Courage Center Handiham System, and its mission is to assist people with disabilities to learn not only about amateur radio, but also to help them earn their operating licenses.

Among the services available through Handiham to its members is the availability of two remote base stations, W0EQO and W0ZSW which allow members to control HF stations via the internet. Members without antennas at their homes can use either Kenwood radio to initiate HF contacts.

Persons with disabilities can take "learn at your own pace" courses that cover all facets of amateur radio. The courses are taught via the internet, and consist of audio lectures that teach Technician, General, Extra Class, and even operating skills.

Newsletters are provided in both print and audio format via the internet, a website with a members-only section that has on-line audio, and a weekly Handiham E-letter in web version, email, and audio. Handiham nets provide members with a great way to interact with others every week.

There are many other benefits for the Handiham target audience. You can research these out at their website, www.handiham.org. While browsing around on the site be sure to listen to one of the many weekly audio updates of ham radio and technology news. They are both educational and enjoyable to hear. If you have iTunes on your computer you can download each program at no charge as it is produced. *continued on next page...*

If you know any handicapped persons who might be interested in amateur radio, be sure to refer them to the services provided by Handiham. Membership for those receiving services is only \$12.00 per year, certainly a modest fee for the many opportunities provided to the handicapped by the Courage Center Handiham System.

Courage Center Handiham System is located in Golden Valley, MN. Complete contact information is provided on their website, www.handiham.org.

FEBRUARY BIRTHDAYS

Michael Balach, KB8UGT, 2/2/55
Diane Balach, KD8FTV, 2/2/??
Ron Boehnlein, WA8ZJV 2/11/1946
Dave Dressler, KD8V 2/11/1932
Michael Gambler, N8MTG 2/23/??
David Noeth, KD8ACO 2/22/??
Ken Osicki, K8OAE 2/23/??
Gary Solomon, N8JNO 2/15/1954

Congratulations and many happy returns to all!

UP-COMING FEBRUARY EVENTS

ARRL School Club Roundup, Feb. 11 - 15.

CARS regular membership meeting, Feb. 12 at Alfonso's Restaurante. Check CARS Website for info and location. Also check out: www.alfonsosrestaurante.com

Mansfield Mid-Winter Hamfest and Computer show, Feb. 17 at the Richland County Fairgrounds. Sponsored by the Intercity Amateur Radio Club. All info at www.hamfest.w8we.org.

CARS weekly club net at 9:00 pm every Wednesday night on the 146.820 repeater. Be there or be square. Try and answer the weekly trivia question.

HF AMPLIFIER FOR SALE

KENWOOD TL-922A Amplifier.

FREQUENCY RANGE: 160M Through 10m which includes 12m & 17m Amateur Bands & QSK. New band switch.

MODE & DUTY CYCLE: SSB continuous for 30 minutes. CW & RTTY-key down continuous for 10 minutes

TUBES: PAIR EIMAC 3-500Z

POWER REQUIRED: 120V5A; 220/240V 14A
HAS SOFT KEY, STEP START

The circuits were redesigned and much improved over what Kenwood had.

The work was professionally done by:

KESSLER ENGINEERING

EXCELLENT CONDITION. w/MANUAL

Payment: cashier check or money order

ASKING \$1400 DOLLARS

PICKUP IN OHIO AT SELLERS HOUSE

SELLER: DWAIN MODOCK K8ME

PHONE: 440-582-3462

E-MAIL: k8me@sbcglobal.net

THE RANDOM WIRE

By Tom Wayne, WB8N

FEBRUARY HAPPENINGS

As you can see under Up-Coming Events, the ARRL School Club Roundup is this month. Gary, NI8Z, Metro, W8MET, and myself with perhaps some other CARS volunteers will be at the Copley-Fairlawn Middle School helping the kids in the radio club which CARS sponsors get the club station WA8CMS on the air for the event. Dave Dressler, KD8V is the advisor for the club. Brad Bennett, W8WEN, is a counselor at the Copley High School and is the club advisor at the high school. He will be helping the students at the WA8CHS station as well. We had a blast with the high school kids getting on the air last October for the School Club Roundup. If you are available during the day on any day from Feb. 11th through the 15th, feel free to come on down and help out. Get in touch with Gary, NI8Z and let him know you want to volunteer.

FEBRUARY CARS MEETING

As you are by now aware, the Feb. membership meeting is going
continued on next page....

to be a dinner meeting and will be held at Alfonso's Restaurante on West 130th st. near the intersection of 130th and Sprague Rds. As was pointed out in the Prez's column, you do not have to order anything to attend the meeting. You can come for dinner at around 6 p.m. or for the meeting at 7:30 p.m. Complete information is on the CARS website and you can check out the menu and prices at www.alfonsosrestaurante.com. There is also a map on their webpage. Check it out. Hope to see you there. I'm pretty sure Gary, NI8Z, has a program planned for after the meeting as well. Should be fun. **CARS CONTESTERS**

I was informed by Metro, W8MET, that both he and Gary, NI8Z worked the CQ Magazine 160 meter CW contest over the weekend of Jan. 26 & 27. I don't know how well they did, they weren't going for points, but I do know that Gary was using his new antenna for 160 meters which is an inverted L that he purchased at Dayton. He says it worked great! Good going guys!

GOTTA RUN

Time for me to end this until next month. So happy hamming to everyone. Hope to catch you on the net, at the meeting, or hopefully, both. 73 for now, de Tom, WB8N

***FROM THE GEARVAKf (the f is silent)
BULLETIN***

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Ultra-Light Antenna Demonstrated

By N4GG

Apparently, Niles Wirenut's claim last year that breakthrough applications would follow quickly from his invention of a transmitter whose output radiation exceeded the speed of light, wasn't all smoke and hash. Wirenut claims he has made steady progress on "Ultra-Light" transmission systems, and has improved on his first experiments at 1.1 time the speed of light (SOL). "All the big transceiver manufacturers are pounding down my doors for the technology," he recently told the FCC at their hearings on Bringing Broadband To Every Home in the Known Universe No Matter What. "The antenna manufacturers and HOAs are out to get me, however," he said. At 2.0 SOL he explained, the velocity factor is 2.0 and an Ultra-Light antenna at resonance is half the size of a traditional antenna. At

20 SOL, antennas are 1/20th their traditional size, reducing the amount of material needed to the point where it's hard to make a profit selling antennas. The boom of a full-size 20 SOL Ultra-Light yagi for 40 meters would be about one foot long, taking all the fun out of antenna covenant enforcement. According to reports, Warrant has built a pair of 40 meter 20 SOL Ultra-Light yagi and conducted trans-Atlantic testing. System performance was good on CW and SSB, with the inherent negative time delay of these systems being hardly noticeable. On RTTY and other digital modes however, receiving data bits before they were transmitted was "really screwing things up."

The Wobbly Oscillator is a monthly publication of the Cuyahoga Amateur Radio Society, P.O. Box 31264 Independence, OH 44131-0264. Articles appearing in the Wobbly Oscillator may be reprinted in any Amateur Radio related publication, provided that credit is given to this newsletter and the author, if known. All Submissions should be emailed to newsletter@2cars.org by the 27th of the month for publication in the next month's issue. By reading this, you have committed yourself to attend as many regular membership meetings as you can, take part in as many CARS functions as you can and check into the CARS weekly net as often as you can.

Please go to
www.2cars.org to
reserve and pay for your
**2013 Dayton Hamvention
Bus Trip**

**Saturday May 18, 2013 CARS
is again sponsoring a Bus trip
to the Dayton Hamvention.**

*Nearly 25,000 hams & non-hams
attended Hamvention® 2012. Every
amateur radio operator in the world*

*probably dreams about going to the Dayton Hamvention at least once. Please join
us in 2013, it is an incredible event and offers something for everyone.*



The Bus trip will cost \$48.00 dollars per person, we will stop for breakfast on the way down, plus have a fast food stop on the way home. You are responsible for both your food and Hamvention tickets. Go to <http://www.hamvention.org/tickets.php> to order your tickets.

Stop 1: The bus will leave promptly at 3:30 am from the Kmart parking lot at the intersection of Engle and Bagley Roads, in Middleburg Heights, Engle Road is a 1/4 mile west of I-71, Kmart is behind the Gas station. Vehicles will be safe, there will be security.

Stop 2: The bus will also pickup riders at I-71 & Rt 303 at the SE corner of the Kmart parking lot and will depart for Dayton at approximately 4:00 am. When ordering tickets please tell us which stop you will be at.

Bus tickets must be purchased and paid for in advance.

If you have any questions please see Dwaine at a CARS meeting, call 440-582-3462 or go to www.2cars.org and click on the Dayton Bus trip link to pay using PayPal. Checks can be mailed to: CARS, P.O. Box 31264, Independence, OH 44131-0264 attn. Dayton bus

73, Dwaine, K8ME

CARS 2013 Officers & Committees

Audit

NI8Z ** WT80, K8SAS

Audio/Video

NI8Z **

ARRL Liaison & Media Representative

NI8Z **

ARRL WAS & VUCC card Checker

K8ME **

Awards

W8GC ** WT80

Christmas Party

W8GC ** WU8A, K8SAS, N8MTG

Constitution/By-laws

WT80** All Officers/Board members
WB8ROK, WA8ZJV, KD8BAL, KB8DTC, K8ARP

Diabetes events

WB8N ** All CARS members

Field Day

W8EBB ** W8GC ** WT80, NF80, W8MET, N8BBB

License classes

W8GC ** WT80 ** NI8Z, W8MET, KD8ACO

Mentor/Elmer & Community Education

W8MET **

Membership

W8GC **

NET

WT80 **

Newsletter

WB8N ** 440-232-4193

Club Photographer

K8OAE **

Summer Picnic

W8GC ** WB8N **

Program director

WT80 ** NF80, KD8QBB, KD8QUE, KD8FTS,
WA8ZJV

Property Custodian's

KB8DTC records, W8GC equipment

QSL manager - W8HBI, W8BM

WB8N **

Refreshments at meetings & Picnic

WB8ROK ** pop, K8DMT ** coffee

K8VJG ** donuts

50/50

K8DMT

Scholarship

K8REF ** NI8Z, WT80, K8ME, W8GC

School Programs

KD8V **

Gift Card (Scrip) Sales

W8GC** NF80**

Sunshine (welfare)

Gary Dewey, NI8Z ** 216-642-8705

Technical

W8GC ** N8OVW **

VE Exams

NI8Z ** 216-642-8705

Web Master/e-mail

W8EBB ** W8GC **

** chairman or co-chairman

2013 Officers

PRESIDENT

Toby Kolman WT80 440-572-1544

president@2cars.org

VICE-PRESIDENT

Gary Dewey, NI8Z 216-642-8705

SECRETARY

Dwayne Modock K8ME 440-582-3462

TREASURER:

Bob Check W8GC 216-524-1750

Board Members & License Trustees

Board Chairman

Tom Wayne, WB8N 440-232-4193,
216-253-0540 c

even year executive board 2 year term

WB8N, W8EBB, NF80

odd year executive board

2 year term

K8KR, K8SAS, K8REF

License trustee K8ZFR

WB8N

License trustee

W8HBI, W8BM,

WA8CMS, WA8CHS

W8GC

January 12, 2013

