

The Wobbly Oscillator Cuyahoga Amateur Radio Society



NO8A Special Event Call K8ZFR Cleveland Area Repeaters 146.82 - 443.825 - 444.75

November-December 2011

VOLUME 40

ISSUE 11

ELECTION OF OFFICERS AT NOVEMBER MEETING BE SURE TO ATTEND AND CAST YOUR VOTE !

FROM THE PREZ

It's time for the annual C.A.R.S. Christmas party, and this year's event is shaping up to be the best one ever. Last year's caterer that everyone raved about will be back this year with an even better menu. The organizing committee makes improvements year after year, so this affair should be a dandy. What would really put the icing on the cake would be to see some of the members attend who have not participated in any club activities for a long time. Some C.A.R.S. members continue their membership, which is great, but aren't seen or heard. I think it would be really fine business to see some of these folks at this year's Christmas party. The party is always a good time for club members and their families; so I cordially would like to invite everyone to attend, it would be great to see you there.

Elections for club officers and applicable board members will be held at the November regular club meeting. As usual, there were not a lot of people who were nominated, or who accepted nominations for these positions. In my case, I was the only one nominated for president. I am honored to have this position in such a fine group, and will be glad to continue. As my work responsibilities are easing up, I will have more time to devote to the club. My goal is to keep the successful activities we are all proud to be a part of going strong, and continue with the efforts of those involved. Also, I would like to make improvements where possible. One example will

be the regular meetings. They should be enjoyable for all those who attend. Beyond the social interaction we always have before and after the meetings, I am trying to be efficient and brief with the standard business, and promote an interesting program at every meeting. Obviously, the support of fellow members is essential for success. I also need support of the membership to continue as president. The election ballot will have the names of those nominated at the October meeting and a space for a write in vote. In my case, there is only my name and the write in option. I have decided to continue on as president only if I receive a majority of the votes. I do NOT want to be president by default. I feel I only deserve this honor if I have the support of the majority. If not, I will resign the office, and the club will have two months to fill the position.

73, Toby, WT8O

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OCTOBER MEETING MINUTES

The C.A.R.S. October meeting was called to order by C.A.R.S President Toby Kolman, WT8O on the 11th of the month at 7:30 pm. The meeting was held at Busch Funeral Home community room, Parma, Ohio. 29 members and 1 guest were in attendance.

After introductions the September minutes were approved as published in the October Wobbly Oscillator by the members present.

Bob, W8GC, gave the Treasurer's report. Gary, NI8Z gave a report on the Cleveland Hamfest. A sympathy card was sent to Scotty Shields WA8SLN's family. Gary also said both he and Tom, WB8N installed new SteppIR vertical's.

Tom, WB8N gave a report on the Diabetes walk we provided communications for on October 1st. He thanked Eddie, KD8FTS for connecting a cross band repeater for use at the walk. He said that Buffalo Jim, N8GXR was coming in to help but his car broke down on the way and he headed back home after it was repaired.

Copley middle & high school activities: Dave, KD8V reported on progress at the school's and mentioned that Eddie, KD8FTS put on another FOX hunt at the school, this time inside the building and said one of the 6th graders had a "Fox hunt" app on his I phone that worked great.

Toby, WT8O opened nominations for 2012 officers and even year board members:
PRESIDENT - Toby Kolman, WT8O
VICE-PRESIDENT - Gary Dewey, NI8Z
SECRETARY - Bill Ohlrich, KD8QAE & Mike Balach, KB8UGT
TREASURER - Bob Check, W8GC
Nominations for 3 even year executive board members with a 2 year term: Tom Wayne, WB8N, Matt Webb, W8EBB, George Pindroh, K8KR, Ron Borkey, K8VJG, and Darren Turk, K8DMT.

Bill, WA8GEO moved that we waive the 1 year period for Bill KD8QAE to be elected an officer, seconded by Darren, K8DMT The motion passed passed

Toby, WT8O called for a vote on four new members: Jerome A Warburton, KB0OTW,

Martin R Smith, W8ADV, Steve Seidowski KD8QYP and James Motylinski KC8TJJ. The membership voted all of them in as new members. Congratulations to all.

Gary, NI8Z moved to purchase a new audio amplifier for the club. The motion was seconded by Mike, KD8OUE. After discussion the motion was tabled.

Toby WT8O declared the meeting closed at 8:17pm.

After the meeting the 50/50 winner of \$32.00 was Bruce, N8DJX. C.A.R.S share of \$33.00 was added to the treasury.

Gary, NI8Z then played a DVD on the BS7H DXpedition.
Submitted by Temporary Secretary Bob, W8GC

HOW THE ARRL OPERATES

By Jim Weaver, K8JE - ARRL Great Lakes Division Director. Reprinted from Weaver's Words, with permission.

The way in which ARRL operates seems to continue to be a mystery to many members. It doesn't need to be this way. I'll try to explain who does what in a manner that will help most people understand the principles better.

First, let me say that the confusion probably comes from the fact that many members assume the ARRL is organized and operates the same way as their local club. It doesn't. Somewhat like the US Government, the ARRL has three branches of its organization. These are the Board of Directors, the Field Organization and the HQ Staff.

To define this a little further, the Board of Directors is headed by the ARRL president who along with the other officers of the Board is elected by the Directors. The Field Organization is headed in each Section by the Section manager and the Staff is headed by our Chief Executive Officer. The CEO is hired by the Board and reports to the Board.

Directors (and Vice Directors) are elected by members of the Divisions they represent. In the case of the Great Lakes Division,
continued on next page....

these members are from Kentucky, Michigan and Ohio. Section Managers (SMs) are elected by members of the Sections they represent. In the case of the GLD, the Sections each consist of entire states -- Kentucky Section, Michigan Section and Ohio Section.

It is the 15 Directors who vote to establish policy for ARRL. Section Managers head activities in their Sections to put League policy into effect at the field level. The CEO is responsible for putting Board policy into action at headquarters and, through the services HQ performs, for the members.

Even though many members believe their SM reports to their Director, this is incorrect. Dale Williams, WA8EFK (MI), Jim Brooks, KY4Z (KY) and Frank Piper, KI8GW (OH) do not report to me. They report at this time to Dave Patton, NN1N at HQ. Dave heads the ARRL membership services department which covers the Field Organization.

The SMs are responsible for several Field operations in their Sections. These include the Section Emergency Coordinator (Amateur Radio Emergency Service tm -- ARES tm), the Official Observer Coordinator, the Affiliated Club Coordinator, the Public Information Coordinator, the State Government Liaison, the Section Traffic Manager and possibly additional department heads who in turn oversee additional activities. Of these substantial activities, the most gargantuan effort is required by the ARES. Coordinating the activities of this single branch of ARRL in each Section involves hundreds of people, at a minimum.

Being an effective SM means a person must be willing to dedicate great effort to the job and must be an excellent, skilled leader.

The three Sections in the Great Lakes Division are extremely fortunate to have members who care enough for Amateur Radio and the ARRL to be willing to devote the extensive amount of time and effort to doing the job and, finally, who have the skills and knowledge to be successful, top-notch SMS.

It is obvious from their successes that Dale, WA8EFK, Jim (KY4Z) and Frank (KI8GW) have

all of the characteristics needed to be the excellent SMs they are. Their past successes are indisputable evidence that they have everything needed to do the job. We in the GLD are indeed fortunate to have quality SMs leading our Sections.

An expanded discussion of the operations of the Board and Staff will be presented in following issues.

THE HISTORY OF THE TERM "73"

By Steve Spisak, K8SAS

Did you ever wonder where some of the Ham expressions came from that we use everyday in our on air conversations? On the October 19th. C.A.R.S weekly net, The question was, "In what year was the term "73" first documented"? I mentioned that more information on the history of the term "73" would be in the WO. Here is what I found at the ARRL site – Ham Radio History. Enjoy and 73! The History of the Expression "73"

The traditional expression "73" goes right back to the beginning of the landline telegraph days. It is found in some of the earliest editions of the numerical codes, each with a different definition, but each with the same idea in mind--it indicated that the end, or signature, was coming up. But there are no data to prove that any of these were used.

The first authentic use of 73 is in the publication The National Telegraph Review and Operators' Guide, first published in April 1857. At that time, 73 meant "My love to you!" Succeeding issues of this publication continued to use this definition of the term. Curiously enough, some of the other numerals then used have the same definition now that they had then, but within a short time, the use of 73 began to change.

In the National Telegraph Convention, the numeral was changed from the Valentine-type sentiment to a vague sign of fraternalism. Here, 73 was a greeting, a friendly "word" between operators and it was so used on all wires.

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In 1859, the Western Union Company set up the standard "92 Code". A list of numerals from one to 92 was compiled to indicate a series of prepared phrases for use by the operators on the wires. Here, in the 92 Code, 73 changes from a fraternal sign to a very flowery "accept my compliments," which was in keeping with the florid language of that era.

Over the years from 1859 to 1900, the many manuals of telegraphy show variations of this meaning. Dodge's *The Telegraph Instructor* shows it merely as "compliments." *The Twentieth Century Manual of Railway and Commercial Telegraphy* defines it two ways, one listing as "my compliments to you;" but in the glossary of abbreviations it is merely "compliments." Theodore A. Edison's *Telegraphy Self-Taught* shows a return to "accept my compliments." By 1908, however, a later edition of the Dodge Manual gives us today's definition of "best regards" with a backward look at the older meaning in another part of the work where it also lists it as "compliments."

"Best regards" has remained ever since as the "put-it-down-in-black-and-white" meaning of 73 but it has acquired overtones of much warmer meaning. Today, amateurs use it more in the manner that James Reid had intended that it be used --a "friendly word between operators."

HAM OBITUARY

Submitted by Bob Check, W8GC

The Amateur Radio Community lost a prominent member in Wilson Greatbatch, W2QBO. Wilson passed away September 27th at the age of 92.

An electrical engineer, Wilson was the inventor of the implantable heart pacemaker.

KEN'S JUNK BOX
By Ken Osicki, K8OA

Amundsen-Scott

November & December, 1911

(Note: Because the Wobbly Oscillator is not published in December, this article will cover both months.

November, 1911 - On the first of November. Scott, his men, 10 ponies, 1 team of dogs, and 2 motor sledges departed for the Pole. Reaching Hut Point, Scott discovered that he had left the Union Jack given to him by Queen Alexandra at Cape Evans and sent Tryggve Gran back to get it. Within the first 50 miles both motor sledges, Amundsen's great fear, broke down and had to be abandoned and their loads, about 200 pounds per man, had to be man hauled. With the ponies, Scott averaged 11.5 to 13 miles daily. Amundsen with his dogs often did twice that, sometimes more. Within a week the ponies proved unsuited for the work and required an immense amount of daily care. On November 7 a blizzard halted Scott and both the man-hauling and pony-hauling, but the dog team worked through with no problem. Both the ponies and the men were slowly deteriorating. By November 29 Scott reached the point that was his farthest south on his 1902 expedition, 82 deg 11 minutes. By this time the weakened ponies were doomed. Scott still had 555 miles to go to reach the South Pole. Amundsen was 23 days ahead.

On November 1 Amundsen was 200 miles ahead of Scott. Pea soup fog was restricting visibility, but the men pressed on through an extensive crevassed area. Hansen fell into a crevasse, but was saved. Then Hassel fell through and was also saved. The Norwegians simply laughed off such near disasters and carried on. Amundsen set his goals not by hours on the trail but rather by latitude reached. He remarked that the dogs performed so wondrously that all the men had to do was let themselves be towed. They were traveling twice as fast as Scott.

By the 17th they had reached the Transantarctic Mountains, left provisions at a depot, and pushed on carrying 60 days worth of supplies. It took 3
continued on next page....

days to find a way through the mountains. They decided to use all of the dogs for the climb through, then slaughter 24 of them, using 18 to cross the plateau beyond to the Pole.

It took them 4 days to travel 44 miles and climb 10,000 feet with a ton of supplies. Amundsen wrote, "Come and say dogs cannot be used here." During the same 4 days Scott traveled 52 miles on level surface.

At the top of the pass they slaughtered the chosen dogs and named the place, "The Butchery." They were 274 miles from the Pole. Intending to stay for two days, they were beset yet again by fog and had to stay for four. The extra rest benefitted both the men and the dogs. The dogs, especially, slept and eagerly ate, regaining their strength. They would need it.

For the next ten days the party worked its way through fog across the area where the icy plateau fed into the mountainous glaciers below. Thus, the area was greatly disturbed and covered with crevasses. In one instance, they had to pitch their tent on a slope, not finding any more level places. When they awoke, they tested the ice outside of their tent and found themselves sitting but two feet from the edge of a deep crevasse. They had already named the area the Devil's Glacier, and when they heard how long it took for a piece of ice to fall to the bottom of this new crevasse they joked that they had found the doorway into hell itself.

Amundsen noted that in traveling a circuitous route around and through the crevasse field that they had to travel two miles for every mile forward toward the pole.

DECEMBER, 1911 - On December 9 Scott had the last 5 ponies shot, skinned, and their meat cached at a depot. The remainder of the trip to the pole would be spent man-hauling supplies.

Not yet on the polar plateau, it became necessary to start using the rations that had been planned for the summit. Scott had terribly miscalculated how dangerous Antarctic weather would be. Struck by a blizzard and delayed five days, soft snow on the Beardmore further delayed their journey. They were six days behind the pace

set by Shackleton on the Nimrod Expedition during the summer of 1908-09. Travel up the Beardmore was excruciatingly painful and slow. Hauling 800 pound sledges, the men often traveled only ½ mile in 5 hours. The sledges would sink 12 or more inches into the surface, making their efforts all the more difficult. Their skis and the skis on their sledges would gather snow and ice and act more like sandpaper than slick surfaces. Giving up the 800 pound loads, the men divided the loads and relayed their supplies, taking more time and using more energy and effort. Mid-glacier, they experienced a near disaster much like Amundsen's. They had unknowingly pitched their tents within feet of deep crevasses.

By the 17th the surface was beginning to improve, and by the 19th they were marching 17 to 18 miles a day, sometimes on ice, other times on snow.

On December 20 they were at the top of the Beardmore and 350 miles from the pole, Scott selected the men who would comprise the assault party, and the first support party returned to Ross Island. The returning party was Atch, Silas, Keohane, and Cherry-Garrard. The assault party would be Scott, Wilson, Oates, and Seaman Evans on First Sledge. Second Sledge would be Lieut. Evans, Bowers, Lashly, and Crean. The latter would comprise the second support party and carry supplies southward, then return to Ross Island. On December 23 they had celebrated Lashley's 44th birthday, an event that he celebrated by breaking through into a crevasse but was caught by his harness. He hung suspended and was able to measure the width of the crevasse as about 8 feet by using his ski poles. He was quickly pulled to safety and they later measured the depth of the chasm to be about 80 feet.

By Christmas, 2011 they were about 240 miles from the pole and by New Years they were still 150 miles out. On New Years Eve Scott sent the Second Support Sledge back, but in a major decision that many call an error of judgment he removed Bowers from the support sledge and added him to the assault team. Five men would be pulling to the pole and back on rations for four men and minus *continued on next page....*

one pair of skis. As for Amundsen, they had successfully traversed the Devils Ballroom by December 1, and by December 6 he was now 31 days ahead of Scott. But all were suffering from frostbite. The dogs were becoming hungry and devouring anything edible that was left unguarded, including whip handles, ski-bindings, and boots. By December 6 they had reached the highest point they registered on the plateau, 10750 feet. December 7 found Amundsen at Shackleton's furthest south, 97 miles from the Pole. They paused to honor Shackleton's fete, building a depot on the spot for their return journey. The next day they departed towards the pole into a frigid wind blasting into their faces and achieved their goal on December 13.

Horizon to horizon was a vista of snow and ice. They spent three days confirming that they had actually been to the Pole itself, not just into the *area* of the Pole. Three of his men were sent 12 miles in three different directions to ensure that at least one of them would cross the Pole. Checking his observations once more, he erected a tent as close to the Pole as possible, naming it Poleheim, and placed inside it letters and other items for Scott. The area was named after his king, Haakon VII.

Finally, on December 17, the men smoked cigars that were skillfully hidden by one of them for a celebration. They celebrated with a little seal meat and a few appropriate words, and the next day departed for Framheim without further ceremony.

NEXT TIME: What happened in January?

NOVEMBER & DECEMBER BIRTHDAYS

KC8MRC Robert Ozog 11-6-55

W8GJ David Yost 11-6-52

KC8OUH Jeff Venecek 11-7-52

K8IIU Jack Shott 11-13-37

KC8ZBP Sharon Andrisin 11-22

WB8ROK Ed Stevens 11-27-1928

KC8LDI Ryan Dressler 11-26

NI8Z Gary Dewey 12-7-41

N8BBB Bill Brown 12-8

KC8LZP Charles Dressler 12-12

KD8FTT Colleen Stevens 12-12-71

Congratulations to all and many happy returns !

THE RANDOM WIRE

By Tom Wayne, WB8N

BOOOOO !

Hopefully this issue will be published before Halloween and that will be relevant. Wow! Halloween already/ Pretty soon it'll be Thanksgiving,

I managed to get my new SteppIR vertical antenna installed before the snow (a dirty four letter word in my book) fell. We haven't even had Indian Summer yet, have we? I cut my grass for what I hope will be the last time this year and managed to slice up one of the radials for the antenna I just put up. Bugger! Now it's time to start on the leaves.

DIABETES WALK

It was a wet and windy morning on Saturday, October 1st when the Cleveland branch of the American Diabetes Assn. held their annual Step Out - Walk to Fight Diabetes walk. This year the start and stop points were indoors at the Galleria on E. 9th St. in downtown Cleveland. Because of the nasty weather, there were fewer walkers than expected, but there was still a pretty good turnout. There was a lack of volunteers along the route as well, due to the weather, I'm sure. But our Amateur Radio volunteers came out in good force, with 19 Hams including myself providing needed radio communications along the route. There would have been 20 of us but Buffalo Jim Glor, N8GXR who drives down from Buffalo New York each year to help out had car problems in Mentor and never made it. By the time he got his car back on the road the walk was over so Jim just headed back home. We appreciate his efforts anyway.

I want to thank Toby Kolman WT8O, Gary Dewey NI8Z, Gary Berkowitz K8REF, Mike Cegelski K8EHP, Mary Celgeski KC8YLC, *continued on next page....*

Mike Toth KB8RKF, Arp Vilberg K8ARP, Ron Borkey K8VJG, Leone Sirna KB8VBR, Jim Glor N8GR, George Lopez K8GIL, Bruce Brown KC8RKS, Mike Gamber KG8MTG, Mike Kemmett Kd8OUE, Bill Kemmett, KD8QBB, Steve Spisak K8SAS & his wife Chris, Bill Brown N8BBB, David Rickon KD8JRG, Mike Balach KB8UGT, and last but certainly not least, Eddy Stevens KD8FTS without whose cross band repeater set up I would not have been able to make the C.A.R.S. repeater from inside the Galleria. So, many thanks to all y'all for your efforts. They were greatly appreciated by myself and the Diabetes Assn. I hope you all can participate again next year. The gal in charge, Patti Clair, has already requested Leone, KB8VBR to be her "bird dog" again as he was this year and last year as well.

I don't know what the final count for the walkers was or how much money was raised this year but when I find out I will report it either here or at a meeting.

AN INTERESTING HAM RADIO WEB SITE

Mike Gamber, KG8MTG sent me a couple of interesting articles which he thought would be good to put in the Wobbly Oscillator. He got them from an interesting ham web site he found. The articles are a little long to put in the newsletter and besides that they are copyrighted and I wasn't able to find an e-mail address for the author to ask permission to put them in the newsletter. So instead, I'm going to give you the web site address so you can check out the site for yourself and read the articles there. One is a story written by the site owner, Jeff Davis, KE9V called "You've Been Warned". The other is an article written way back in 1941 called "That's What Amateur Radio is Like. The web site is <http://ke9v.net>. Check it out. I think

you'll be glad you did.

NO NEWSLETTER FOR DECEMBER

As has been our policy for the past few years, there will be no December newsletter. There will not be a December meeting either, as the annual C.A.R.S. Christmas party takes the place of that, to be held this year on Friday, December 9th. I'll be at the November meeting on Tuesday Nov. 15th, so I'll wish those present at the meeting my season's greetings then. But for those that don't make the meeting let me wish you a very happy Thanksgiving and since I will be unable to make the Christmas party this year due to a prior commitment, I'll wish EVERYBODY a very merry Christmas and a happy new year!

See ya at the next meeting, on the weekly net or next year, whichever comes first
73 and Happy Trails.

de Tom, WB8N

The Wobbly Oscillator is a monthly publication of the Cuyahoga Amateur Radio Society, P.O. Box 31264 Independence, OH 44131-0264. Articles appearing in this newsletter by 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 e-mailed in .doc, .wpd, or .txt formats to: newsletter@2cars.org by the 26th of the month for publication in the next month's newsletter

By reading this, you have committed yourself to checking into the weekly net on the C.A.R.S. 146.82 repeater, held each Wednesday at 9 p.m. as often as you can and to attending as many monthly meeting as you possibly can.

2011 CARS Christmas Party

Friday December 9, 2011 serving dinner at 6:30 p.m.
Independence Civic Center in the White Oak Room

Tickets are \$16.00 for adults, \$8.00 age 7 to 12
6 and under free

Amy G Catering Menu:

Entrees: Chicken Marsala
Pot Roast with braised vegetables in gravy
Shrimp pasta Primavera

Side dishes: Green & Yellow Bean's with roaster Red Peppers, Oven Roasted Redskin Potato's, Cavatelli with marinara sauce and Parmesan cheese. Tossed salad with home-made Italian and Ranch dressing plus a sugar free Raspberry dressing, fresh baked Italian bread with butter & margarine. Coffee, POP, water.

Anyone who can please bring a simple desert to share

We will have a 50/50 drawing
along with prizes and the
presentation's of our 2011
Awards

Mike KG8MTG will again be providing live
Christmas music!



Mike KG8MTG playing his keyboard

For tickets please contact
Bob W8GC at 216-524-1750 or e-mail w8gc@2cars.org
or go to www.2cars.org and follow the link for the
Christmas party, you can buy tickets using PayPal.

CARS 2011 Officers & Committees

Audit

NI8Z ** WT80,

Audio/Video

NI8Z **

ARRL Liaison & Media Representative

NI8Z **

ARRL WAS & VUCC Checker

K8ME **

Awards

W8GC ** WT80

Christmas Party

W8GC ** WU8A, K8SAS, KG8MTG

License classes

W8GC ** WT80 ** NI8Z, W8MET, KD8ACO

Development

W8GC ** All officers

Diabetes events

WB8N ** All CARS members

Field Day

WT80 ** W8GC

Field Day food 2010

W8GC ** N8BBB

Interference & Jamming

K8DAV ** NI8Z, N8IS

Mentor/Elmer & Community Education

W8MET **

Membership

W8GC **

NET

WT80 **

Newsletter

WB8N ** 440-232-4193

Club Photographer

K8OAE **

Summer Picnic 2010

W8GC ** WB8N **

Program director

NI8Z **

Property Custodian s

KB8DTC records, W8GC equipment

QSL manager - NO8A, W8BM, WA8CMS & WA8CHS

WB8N **

Refreshments, Summer meeting, Picnic, Field day

** WB8ROK, pop ** K8DMT, coffee

** K8VJG, donuts

50/50

K8DMT

Scholarship

K8REF ** NI8Z, WT80,

School Programs

KD8V **

Sunshine (welfare)

Gary Dewey, NI8Z **
216-642-8705

Technical

W8GC ** N8OVW **

VE exams

NI8Z ** 216-642-8705

Web Master/e-mail

K8REF ** W8EBB, W8GC
** chairman or co-chairman



2011 Officers

PRESIDENT

Toby Kolman WT80 440-572-1544
president@2cars.org

VICE-PRESIDENT

Gary Dewey, NI8Z 216-642-8705
vice-president@2cars.org

SECRETARY

secretary@2cars.org

TREASURER:

Bob Check W8GC 216-524-1750
treasurer@2cars.org

Board Members & License Trustees

Board Chairman

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

even year executive board 2 year term

W8MET, WB8N, W8EBB

odd year executive board 2 year term

K8ME, K8SAS, K8REF

K8ZFR trustee

WB8N

NO8A, W8BM, WA8CHS, WA8CMS trustee

W8GC

