

THE WOBBLY OSCILLATOR



EDITORS' DESK



Russ Schneck, KC8IHS
Monica Schneck, KC8IYM

Remember Florida? Your Vote Counts on

November 15th !

Happy Thanksgiving
and Happy Holidays

See You All Around The

Dial

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SUBLIMINAL TRIVIA...

Paul Valley - KC8AMD

Almost every week we hear Phyllis - KC8DVL ask us to try to answer a trivia question at the beginning of each Net. Below are some interesting facts that all have a common source. Can you guess what the source is? I will tell you the answer half way through this article. Here are the facts:

The Star Spangled Banner started to be played before sporting events in 1918. During the First World War, the U.S. was engaged in intense fighting in Europe, which moved baseball officials to consider canceling the World Series. After hearing the soldiers were looking forward to the game, the patriotic gesture was made to play the song during the seventh inning. The crowd stood and sang

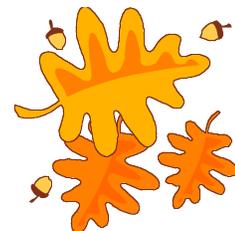
along. Eventually this practice was adopted as a staple of all games.

There are approximately 70,000 licensed Ham radio operators in the U.S. today. Marlon Brando, Chet Atkins and Priscilla Presley are Licensed to use Ham radios. The Number of licensed Ham radio operators in 1969 was approximately 250,000. Today there are approximately three million licensed Hams worldwide.

Per capita consumption of cigarettes continues to decline. After peaking at 4,345 in 1962, consumption among Americans 18 years and older has decreased 46 percent to an estimated 2,350 by 1999.

Energy in the sun builds up and peaks every eleven years. During this zenith solar flare activity increases as the sun has more frequent Coronal Mass Ejection (CME).

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NEWSLETTER@CARS.ORG

or by U.S. mail to:

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3028 SOUTHERN ROAD
RICHFIELD OH 44286**

(Do not send dues to this address!)

K8ZFR



FROM THE PREZ'S SHACK

Tom Wayne, WB8N

THE RANDOM WIRE

WHAT A PAIN IN THE...

Hip! On the day of the October meeting, Wednesday, October 18, at approximately 7:30 a.m. I underwent about two hours of surgery to replace my entire left hip joint. At the time of the C.A.R.S. meeting that evening, I was recuperating in my hospital bed at Meridia Southpointe Hospital. I was in la-la land from the pain killers I was taking and although I think I recall talking to a couple of the members on our 146.82 repeater, you couldn't prove it by me ... I wouldn't swear to it. I did talk to a few members in the days that followed, even though I was still under the influence of those wonderful drugs.

At this point, I wish to especially thank our so-called Sunshine Chairman.

GRATIFIED

I was gratified to learn from our Vice President that we actually did have members volunteer to be candidates for the offices to be filled in the election which will be held at the November meeting. I was beginning to think we were going to have a problem in this regard, but as usual, our caring members came through!

ELECTION

Which brings me to my next point ... the election. Please, all members that are eligible to vote, make it an effort to attend the meeting and mark your ballots as you see fit. It is your club, remember, and you run it through your elected officials.

UHF MACHINES

Those that use the club's two UHF repeaters noticed that for awhile this past month, the 443.825 machine was out of service. It is now back up and running. Come to the next meeting and talk with

the technical committee people to find out what the problem was. We are experiencing a problem with our 444.750 repeater, in that often, when you key it up, you get what sounds like a broadcast station signal, making it impossible to use. This does not happen all the time, but frequently enough to be a problem. This is being worked on.

CLUB HOLIDAY PARTY

Don't forget that December 2 is the date of our annual holiday party, held in lieu of the regular December meeting. More information on this to come at the Nov. meeting. It will be held at the same place as last year ... the VFW hall in Northfield Center. We are going to try to keep the price about the same as last year, and as in the past, it is a bring your own bottle affair. There will be soft drinks and mix provided by C.A.R.S. Last year we had the pleasure of a left-over-mostly-full keg of beer which was donated to our function by the VFW. Don't count on it this year ... plan accordingly.

DECEMBER NEWSLETTER

In the past, we often did not have a December issue of the W.O. due to the holidays and the fact that we did not have a December meeting. If this is the case this year, then this is my final article as President of the Cuyahoga Amateur Radio Society. It has been a great three years, and I hope I did well by you, the membership. We were successful in the functions we held, and took part in, and although we have lost members for one reason or another, we have gained new members, including a couple of members who had left our club in the past. Our treasury is still in the black, thanks to our fine Treasurers we have had over the past few years, our Vice President and Secre-

taries have both done fine jobs, and the board members have acted responsibly.

January will usher in one or two new board members, and a new President ... perhaps even a new Vice President. I wish the new officers well in their terms of office, and to the new President especially, I offer any help I can give to make the transition a painless one. I have one more hip to get replaced, which I will be doing just after Christmas or after the new year, and I hope to remain active in the club, even though I will not be an elected official. Who knows ... I may run again for some office in the future. That's not a threat or a promise, just something to keep you on your toes.

I am going to do my best to get to the November meeting. I won't be allowed to drive by that time, but I am already getting around pretty well, so if I can con someone into giving me a ride, I will be there. To those of you who will not be at the November meeting or at the holiday get-together, I will offer you my wishes for a great Thanksgiving, a very Merry Christmas and a fantastic 2001.

That's it for now fun lovers...

73, deTom, WB8N



TREASURER'S REPORT

Judy Crane, KC8FHE

MEMBERS ONLY - This article has been edited from the on-line version of the newsletter. C.A.R.S. members may receive the full version of the newsletter by sending a request to the editor.

PLEASE SEND DUES TO:

The Wobbly Oscillator

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MEETING MINUTES

Glen Shore, KG8MR

Minutes of the regular meeting held on October 18, 2000, at the Busch Community Room in Parma, Ohio.

Gary, N18Z called the September C.A.R.S. meeting to order at 08:03 PM EST. President Tom WB8N was recovering from a hip surgery early in the day [speedy recovery wishes to Tom from your friends at the C.A.R.S.]

The members in attendance included Glenn KG8MR, Jim KB8SQF, Judy KC8FHE, Duncan KC8KQO, Dave W8IXY, Steve KC8GCA, Bob W8GC, Mike KB8BMY, Gordon KC8IOU, Terry KB8DTC, Ron KC8JFK, Sam WB8UES, Bill AA8WJ, Ron K8VJG, Phyllis KC8DVL, Dave KD8V, Bob KC8MRC, Jim N8GXR, Gary N18Z, and Aaron KC8INE.

The list of guests, and visitors included: Paul Valley KC8AMD, Don Dziubakowski KC8NIX, Daniel Collins, Lynn Lorens, and Mike Lorens.

CHANGES TO THE MINUTES

The minutes were accepted by Terry KB8DTC and Gordon KC8IOU.

CHANGES TO THE TREASURER REPORT

The report was accepted by Phyllis KC8DVL and Ron K8VJG.

COMMITTEE REPORTS:

TECHNICAL/REPEATER – Not present. [Terry KB8DTC informed the group, that the 443.825 repeater was currently off the air.]

J.O.T.A. – Information was given to members about the October 22 gathering organized by Roy KB8VJF and friends.

Membership - Gerald Purcell KC8LAU and John Wagner N8ISS were voted into the club (without exception). Dave W8IXY will be mailing their repeater guides to them. Paul KC8AMD has paid

his outstanding dues and was welcomed back at the meeting.

Dayton Bus Trip – Gordon, KC8IOU accepted responsibility for organizing the C.A.R.S. bus trip to the 2001 Dayton Hamvention.

VE Report - Gary, N18Z reported the next session is planned for November 12. Gary complemented the VE team for their outstanding effort this year.

Field Day – Dave, W8IXY volunteered for the field day chairman position.

Great Lakes Search and Rescue – Information was given to members about the drill scheduled October 21, starting at the Brecksville VA.

OLD BUSINESS

Amateur Radio Station K8ZFR at Wade Park VA - Gary N18Z reported that, Tom WB8N has sent a response to Marcie Clark (VA Volunteer Services). It summarized our last discussion, stating we are not able to provide daily or even weekly basis coverage at the VA. We however, have an interest in providing emergency communication coverage when needed. A volunteer list of members would be provided to the VA in case of an emergency, FEMA drill, or emergency medical drill. No return response has been received.

NEW BUSINESS

Nominations were accepted for the following officers (one year) and board positions (two years):

President – *nominee* Bob Check, W8GC
Vice President – *nominees* Mike Thomas KB8BMY, Gary Dewey N18Z *incumbent*

Secretary – *nominee* Glenn Shore, KG8MR *incumbent*

Treasurer – *nominee* Judy Crane, KC8FHE *incumbent*

Board Position – *nominee* Bill Koenig, AA8WJ

Board Position – *nominee* Ron Borkey Sr., K8VJG

[All posted nominees have met the perspective qualifications per the C.A.R.S. constitution, and are eligible for election at the November meeting.]

Christmas Party – Scheduled December 2 details to be announced. The VFW hall in Northfield is being secured for the event.

Arrow Head SES – Dave KD8V gave details on the special event station planned for November 10.

Red Cross – Jim KB8SQF, requested use of the 146.82 repeater on November 4 in assistance for a Red Cross disaster drill in the morning.

PROGRAM PRESENTATION

No presentation scheduled.

ADJOURNMENT

The meeting was adjourned at approximately 9:30 PM EST.

SILENT KEY

Keith Harper, W8ISX,
recently passed away.

Sympathies to his widow,

and to his son and

daughter-in-law,

Dale KC8FAQ and

Lorrie KC8FVK Harper.

K8ZFR



FYI (PART 90 CHANGES) (FCC)

This is taken from November issue of Popular Communications Magazine (2000):

The FCC had just removed the requirement for individual licensing of the Part 90 VHF "color dot" low power frequencies. These frequencies are as follows:

- 151.820
- 151.880
- 151.940
- 154.570
- 154.600 MHz

and have been used for handheld portable two-way communications. They have been REMOVED from Part 90 regulations and placed in a newly DESIGNATED SERVICE known as the Multi-Use Radio Service (MURS), now one of the Part 95 Citizens Band Services. Frequency coordination for these channels had previously been eliminated last year in WT Docket 97-153. Power limits have been set at TWO WATTS, even for those frequencies that were previously restricted to ONE WATT.

Unlike 27 MHz Citizens Band and Family Radio Service, the "color dot" channels are authorized for VOICE, DATA, and IMAGE. According to the FCC, this action was the brainchild of MOTOROLA and TANDY (Radio Shack) companies.

WT Docket 98-182 (FCC 00-235) made a number of rule changes for Part 90 Services. Another significant change is that the duration of all part 90 licenses will be changed from five years to ten years.

73's, KC8IVD Steve M Hnatiak

HOLIDAY PARTY TIME

Well, it is that time of year again for the C.A.R.S. Holiday Party. Below is a list of possible items to be served at the dinner. But we need your help in selecting the menu. Please vote for your favorite items as listed. Any questions, please call Monica, N8HTZ at 330-468-2035.

C.A.R.S. HOLIDAY PARTY WILL BE HELD ON SATURDAY, DECEMBER 2, 2000

at the Northfield V.F.W.
8584 Olde Eight Road, Northfield Center,
from 5:30 p.m. to Midnight.
The cost is \$12 for adults (8 years and older)
and \$6 for children (2-8 years old) under 2 eat free.

B.Y.O.B. DOOR PRIZES ENTERTAINMENT

Pick (3) from the following:

- Roast Top Round of Beef
- Swedish Meatballs
- Stuffed Cabbage Rolls
- Breaded Chicken
- Breaded Pork Chops
- Sausage & Kraut
- Baked Country Ham
- Rotini w/Meatsauce
- Vegetable Lasagna

Pick (1) from the following:

- Roasted Redskin Potatoes
- Buttered Parsley Potatoes
- Scalloped Potatoes
- Mashed Potatoes

Pick (1) from the following:

- Green Beans w/Mushrooms
- Green Beans
- Corn
- Peas w/Carrots

Included with you dinner:
Coffee — Tea — Pop — Milk
Tossed Salad
Roll w/butter

Everyone is asked to bring a dessert to share!

A DJ will provide the atmosphere for singing, dancing, etc.

K8ZFR



JOTA 2000

Paul Valley - KC8AMD

Even though the CARS Communication Trailer was not present this year, CARS was well represented for the 2000 Boy Scout - Jamboree On The Air (or JOTA). We can all thank Roy - KB8VJF for the implementation of this event by bringing out his motor home to act as our base. Several other Hams were also there with various HF rigs but, I will let them tell their own story in another article. I can take none of the credit for the fantastic setup these Hams showed up with. They all did a great job.

I first began to think about JOTA way back in July. I was disappointed in the past with the turn out by the scouts. I started to wonder why that might be. I tried to think about it from the scouts point of view.

1. Summer is ending and the last of the warm, nice days are at hand.
2. Many scouts are traditionally out camping during this week.
3. What's a JOTA and what can it do for me?
4. Hams sound like nerds, I don't know why I should go.

To address these problems I thought that if we could make sure that the scouts get something out of it, we might get more scouts to attend. The scouts need something to take home with them and they need to earn it! We also need to tell them what we are going to do sooner, so that they can place it into their schedule.

I received some help with ideas from my wife Sue. She is a Girl Scout Leader and asked me what the scouts did at JOTA? What kind of badges could they earn? And ... can Girl Scouts attend too! Well that got me thinking in other directions. So I went through the Boy Scout and Girl Scout Handbooks and devised a little presentation to cover as many activities involving Amateur Radio that could earn them a badge. It was basic

knowledge but involved many different subjects. I made up some stickers, (kids love stickers), with funny sayings like "I'm a Amateur Radio Active Scout" (with a radio active warning symbol). I made up ten different stickers for them to choose from. I also gave them copies of Morse code and a phonetics document I published in a previous WO. To get a sticker they had to spell their name in Morse code and send a distress call. It was a 20-30 minute presentation and I hoped it would not bomb!

Well we saw more scouts than we saw before but I was still disappointed with the turn out. But, I actually saw it! The spark that happens in the eyes of a kid who "gets it." I saw some real interest. Of course it was made much easier when I could dazzle them about "talking to satellites" or "communicating with the astronauts" - I took out my hand held and tuned into the live NASA re-broadcast! Thank goodness the shuttle was still up in space.

Next year we need to make it more fun for them and get the information out to more of them sooner. If you have any other suggestions to improve this event, please contact me or Roy. Sharing our knowledge and our hobby will guarantee Amateur Radio's continued existence. Your participation would sure help too!



K8ZFR

"TRACK IS EMPTY CONTEST"

by Glenn KG8MR

How creative are you? I am personally sponsoring a contest for the most creative or funny reason why our repeater says, "Track is empty." The idea came to me Halloween night, after hearing a visitor on the 82 repeater quip, "Guess that means the race track has let out."

Well, I don't really care about the technical, gobble-dee-gook reason ... No... I am just looking for a witty response, or reasonably absurd story for what it all means. In return, for the best/funniest answer, as voted on by the people present at the January meeting, I will pay (or reimburse) the winning punster's CARS membership for the year 2001! (fine print: 1 membership = \$18 no more, no less).

This is not a CARS sponsored contest, nor is it meant to poke fun at the technical committee who has worked very hard to keep things ticking and deserve our praise. Any negative submittals to this effect will be ignored.

I just figure, when someone asks, "what's that mean?" we should have something handy to say other than, "dunno," or "huh?" I wasn't really paying attention." Anyways, I'm sure there is a punster out there who would like to get a free ride around the "track," at my expense.

You can email contest entries to kg8mr@arrl.net; or bring the written responses to the November meeting, December party, or January meeting. The winner will be announced at the January meeting.

Even more fine print: Extra credit may be given for working "zoan" into the response, preferably near the end. However, snide references made about how this contest is even crueller than the WABM awards, may have a negative impact on your submittal.



HAMS DO IT WITH FREQUENCY...

The movie *Frequency* is the source for all this trivia. What? I saw that movie and I never saw any of the things mentioned. Well, I just purchased the DVD version of *Frequency*. Most of the time a DVD release will have other (special) features pressed onto the DVD disc. Sometimes they will show you how the movie was made or they might have subtitles in other languages. *Frequency* has several "really slick" add-ons. The first one I will mention is a subtitle track that lists trivia about various events that happened in the movie. That's where I got most of the trivia above. *Frequency* is a movie about a dad and his son, fire fighting, baseball, ham radio, the aurora borealis, time travel, a serial killer and being a good cop. If you are one of the few Hams who has not seen it, you may want to rent it soon! There is something for everyone. I got much more out of it the second time around

SOME OF THE READABLE QSL CARDS...

I took the time to look up some of the QSL Cards on the wall of the ham shack in the movie. Here is what I found:
W2QYV – (The main character Frank Sullivan) {This comes back to a real call sign held by the Niagara Radio Club Inc}
W2DND {This call is registered to Clarence R. De Bow Jr He is an extra from Cherry Hill NJ.}

The rest of the calls – (WB6CBK - DL1KB - K6VLG - OK1DC - YU2KYZ - YK6SQ - KOA1537 - KPM9568), were not listed in the database.

THE RADIO USED IN THE MOVIE.

The radio is a Heathkit SB-301



Frank was always calling CQ 15 meters The radio was tuned to 75.95 MHz but too bad it was Only a Receiver! Here are the specs: 80-10 meter SS B/ CW optional AM receiver.

WE TRY HARDER OR HERE COMES # TWO...

The second ad-on that I wish to tell you about is a short documentary about amateur radio. It is put together very well! Well enough in fact that I suggest we consider it an audio visual resource to promote Ham radio. It can be used for public events like our Hamfest, JOTA and Field Day.

ME THINKS...

The author of *Frequency* (he's not a Ham), was going to use CB Radio in the movie but decided that it would be too passe for the hero to be using. So he went with Amateur Radio instead. I think he made the right choice!

DEAR FELLOW CARS MEMBERS,

This is an email that was sent to me by a friend (non-ham) who shared this true story with me. I laughed so hard I new I had to share it with others! I have changed some of the names to protect the innocent.

Dear Paul,

Couple of weeks ago, Sharon and I are meeting David and Karen and some out of town friends at Perkins for breakfast. I-71 and Bagley. (Now Paul, before I go on, keep in mind Sharon's hair color) [she really is blonde]. Anyway we get off the ramp at Bagley and are waiting for the light. I look over and there is a sign that says: HAM FEST and an arrow pointing to the left towards the fairgrounds. I ignore the sign. Sharon looks at it and says "Do you think that is some sort of place where you can order a pig prepared the way you want it?"

I start laughing and tell her: "You know, the radio hobby that Paul and Dale Valley are into? Sharon laughs for the next few minutes.

I swear it's a true story.

But just as Ron Popeill, the guy who invented the vegi-matic would say: "WAIT! THERE'S MORE!"

We get to Perkins and both David and Karen see that Sharon is still laughing and red in the face and they want to know what the story is. I tell the story up to the point to where I seen the sign. Before I go on, David says: "Yea, I wondered the same thing. I thought we might go there for breakfast." I look dumbfounded and before I can say anything, Karen says: "Do you suppose that is like a big pig-roast where you can buy ribs and bacon?"

Paul, I don't know how to make the computer symbols that are supposed to reflect the story-teller making a big sigh, but put a big freakin' one right here.....SIGH!!!!!!!!!!

I hope you all of you enjoyed it as much as I did.

Paul Valley - KC8AMD

K8ZFR



GEARVAKF BULLETIN

Tom Wayne

Reprinted with permission from the GEARVAKf (the f is silent) Bulletin (Greater Enon Amateur Radio Vention And Kitefly).

TIME SLOWING DOWN SCIENTIFIC REPORT STUNS WORLD!

A special report, issued by the GEARVAKf Scientific Studies Committee recently, says that time has been gradually slowing down over the past 100 years. According to the report, this has resulted in the reduced length of temporal units of measurement.

The study was headed by Dr. Avruell U. Harnishe, Chairman of the Scientific Studies Committee. Dr. Harnishe said that "The reports conclusions are very alarming." He claimed that "time may come to a complete halt within a thousand years unless we begin to conserve it now."

The Committee's study of time was begun in the late 1960s in an attempt to find out why the International Telecommunications Union (ITU) found it necessary to reclassify radio frequencies from cycles-per-second to Hertz. "At first we thought it was merely a change in terminology by liberal representatives of ITU who hate the status quo and always want to change things whether they need it or not," Harnishe said. "But we discovered that all ITU representatives wanted to convert to Hertz because a slow drift in the radio frequencies was causing conflicts among their radio and TV stations," he went on. "Cycles-per-second could no longer compensate for that drift," he said.

To find out the extent of the problem, the Committee reviewed thousands of old movie films. They found that visual images were speeded up in most of them. The older the film, the more speedy the images. The same held true for the earliest sound recordings. More modern films and recordings reflected a smaller "speedshift," although it was detectable to some degree—even in some newsreel

films made in the 1960s. The Committee discovered that infrequently viewed films and recordings showed the greatest speed shift. Those that were often viewed and copied showed virtually no shift in speed. According to Dr. Harnishe, frequently copying a film or other recording "continually resets its time base to the current value in small increments and the latest copies appear nearly normal." "On the other hand," he said, "If an old film that hasn't been copied is viewed now, the time base is reset only once and the speed shift is very noticeable." Dr. Lishnus explained how a "film that was originally ten time units long in 1930 might be forced to play in six time units now. When that happens, all the information originally recorded must be squeezed into six-tenths of the original time, and thus it

appears to be speeded up." He further noted that, "if the film were copied on a frequent basis, however, the gradual change in time unit compression would be barely noticeable." That would account for the fact that a few old films and recordings seem to be more or less normal.

Although the exact causes of time's slowing down have not been determined, the study report theorized that modern society uses time much more intensely than in previous centuries. Harnishe cautioned that "the current levels at which time is being wasted must be curtailed at all costs." He recommended that the federal government set up a Time Protection Agency, "to make and enforce rules against the unnecessary waste of time and to preserve, for our children's future, the very limited time resources that are left to us.



K8ZFR



LIVE FROM COLLINWOOD, OHIO ... IT'S K9 SATURDAY-SIGHT-FIND!

Starring, the "K9 GLSAR" (Great Lakes Search And Rescue) team. [Pronounced - "GLASSER"] Also appearing, Amateur Radio Operator Sandy ??? - KC8OWI???. And a special guest volunteer 12 year old Chris Valley. Your host for this article is Paul - KC8AMD.

This periodic K9 Search and Rescue training, involving amateur radio operators, is a way to sharpen the skills of the search dogs and their handlers but, it is also a preparedness exercise for hams. It is part of the never-ending continuing education program "WE" can have the privilege of being part of. It is not another walk-a-thon!

This story begins at the Brecksville, Ohio, Veterans Hospital on Route 21. Once a week, GLSAR gets together and runs through scent trails that are laid out for the dogs to follow, (someone will walk a specific path and then hide). After 30-45 minutes, the dogs are allowed to sniff a scent article from the victim (a sock, shirt, etc). They must then use their superior olfactory sense to find the victim, They sniff 'em out).

These dogs are specifically trained to find people who have walked away. Small children or Alzheimer patients are their most frequent targets. It is a Hi-Tech Version of Hide and Seek with People, Dogs and Radios. The radios help to coordinate the efforts of the dog teams as they search.

The VA Hospital grounds are only so big. The dogs can become familiar with the area and the folks at GLSAR do not call us out every week to practice "So that we don't get burned out." But, every couple of months, GLSAR will put out a request to have Hams come out to join in.

"What kind of expertise do you need?" Our weekly check-in with "The Net" is all the practice that is required and we

look like the experts. We are the experts! It benefits all who participate. While they sharpen the dogs' noses we get to teach them about proper communication protocol. They really need our help and we get to do things right out of an adventure novel.

But the real fun happens when GLSAR sponsors a field exercise. This is done in an unfamiliar location, testing the skills of the GLASER teams as well as the Hams. We have no idea what type of terrain or environmental conditions we will need to overcome. Remember what you need for other Ham field events and also remember the Boy Scout motto "Be Prepared."

The latest event was held on Saturday October 21. It was very special because of some added attractions. On the way to the search site, we stopped off at the Independence City Days Festival. GLSAR had a booth set up there. As guests of GLSAR, my son Christopher, Sandy and I were treated like royalty. A Medivac chopper made a simulated rescue landing. We toured the new SWAT vehicle purchased for a 14 city area and we were allowed to inspect the bomb squad trailer up close, to see how it can withstand a blast. BUT, you should have seen my son's eyes when the guy in charge of the SWAT team dressed up Chris with full "Heavy Battle SWAT Gear and Body Armor." It was great!

Soon afterward, we left for the drill site (part of an old reclaimed railroad yard). When we arrived at the site, I had to ask myself "SELF" - "Do you think the dogs can pull it off this time?" "Are they going to have the ability to sort out

ALL the various odors?" You see... The drill site was actually a compost facility with many huge mountains of rotting vegetation.

To make it worse, they were going to try something different. They were going to pretend the victims "had been lost" for quite some time. They were going to hide some of the victims inside some utility sheds and they were not going to provide the dogs with a scent trail. How did they do that, You might ask? With a large earth moving machine! Chris and the other victims were driven to the locations where they hid. It's how they were driven that will be a cool story for my son to tell at school. He got to ride in the bucket of a large front-end loader before being delivered to "his ditch" on other side of a pond.

Sandy and I logged the events that were radioed into us and we were once again impressed as each dog team took their turn to sweep an area to find a victim. Once a dog team picked up a scent the average time it took to find the victim was around four minutes. Just four minutes! Amazing!

When I started to write this article I asked my son "What most impressed YOU that weekend?" I thought for sure it was going to be something about SWAT but instead he said:

"Being around highly trained dogs and having them seem smarter than you are."

Well that sums it up! Hope you have the desire to join us next time. We can use a bunch more HAMS. So plan to come out on the next training session so that you can be ready for the next drill. The next time we may not have as much fun, next time we may just help save someone's life!

Paul Valley - KC8AMD

K8ZFR

THE WOBBLY OSCILLATOR



November/December, 2000

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	



NEXT MEETING

Wednesday, November 15, 2000
 Busch Community Room
 7501 Ridge Road
 (south of Pleasant Valley)
 Parma, Ohio
 Meeting starts at 8:00 p.m.



TIME TO RENEW YOUR MEMBERSHIP?
 CHECK THE EXPIRATION DATE ON YOUR AD-
 DRESS LABEL.



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

