



Zero Beat

March 2019

General Meeting

Wednesday March 13th

7:30 PM UFCW Hall

President's QRM

Working on vintage tube operated ham radios and instrumentation can be exhilarating and rewarding. It is a journey into the known and unknown. There are always questions when starting a project. Can it be brought back to life? Is there sufficient documentation? Are the parts still available?

I am now the proud owner of a functionally restored Heathkit HV-6 Vacuum Volt Meter. I acquired it at the January HPARC swap. When I plugged it in at the swap the pilot light turned on and the meter movement was frozen. I thought I could be fixed. The price was right.

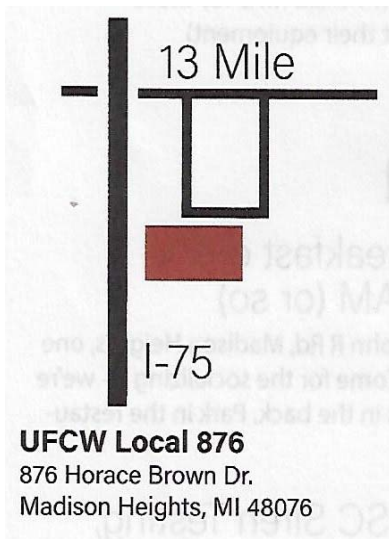
The meter has two tubes. One tube is a diode for the AC function and other is a twin triode that drives the meter. It has an eleven megaohm input impedance that can measure ac voltage, dc voltage and resistance. This is just what is needed for measuring high impedance tube circuits.

I never thought I would be working on a tube operated instrument that as old as I am. Heathkit produce the Model V-6 from 1952 to 1955. The two pictures tell part of my functional restoration project. I was able to calibrate all the functions after down loading the Heathkit manual, installing miscellaneous part from my old parts supply, adjusting the meter armature, replacing two tubes, changing a resistor value, replacing an electrolytic capacitor, replacing a capacitor with a vintage one (It was given to me by a neighbor when I was 12 years old for a crystal radio project.) and replacing crumbling rubber insulated jumper wires.

Try working on a vintage ham radio. You may find you like it and that it is rewarding. There is still time to start a restoration project before the warm weather puts yard work on your to do list. As a reminder, the HPARC chairperson roles need to be filled for the June Banquet and the August Picnic.

Volunteer, Attend and Have Fun

73 David - AA8IK - President HPARC



UFCW Local 876

876 Horace Brown Dr.
Madison Heights, MI 48076

VE Results

There were seven individuals from all over the area who came to the test session at the January 27th swap fest. Three new Technicians, one upgrade from Novice to tech, two upgrades to General, and one upgrade to Amateur Extra Extra.

Joe Lafier	KE8LIF	Tech	Washington
Kelly Peters	KE8LIH	Tech	Shelby Twp
Ken Simpson	KE8LIG	Tech	Rochester
Aaron Steketee	KC4OLE	Tech	Oxford
Dennis Smalarz	N8QYN	Gen	Dearborn Hts
Josh Thomas	KE8ITZ	Gen	New Boston
Robert Barnes	KE8KTB	Extra	Sterling Hts



We had two at the February 5th Oak Park test session, one tech and one Extra.

James Sarnacke		Tec	Macomb
Dave Thomas	KE8LBJ	Extra	Southfield



A ham is driving up a steep, narrow mountain road, his antennas flopping in the breeze and flopping into the other lane. A YL is driving down the same road.

As they pass each other, the YL narrowly missed the antennas and leans out of the window and yells... PIG! The ham immediately leans out of his window and replies, "WITCH!!!"

They each continue on their way, and as the man rounds the next corner, he crashes into a pig in the middle of the road.

If hams would only listen!

2019-02-13 HPARC general meeting at UFCW 876

7:30 meeting called to order by president David AA8IK
 Pledge of allegiance said
 Introductions

Announcements:

Livonia swap on Sunday, 8am.
 Volunteer page: Still looking for AV tester. Also looking for banquet chair. Picnic organizer/chair. No volunteers.
 Presentation by Wes AC8JF on GPS in ham radio
 Break

Treasurer report- David AA8IK, sent by Bob N8REL- ~\$400 drop in tables and tickets. Raffle basically broke even. \$760 donation from Dan Conroy's estate. So a reduction in foot traffic from last year. January total ~\$4,700 income, expense ~900, so surplus of ~\$3,800. Roughly a \$1,900 surplus fiscal Year To Date. ~\$8,900 bank balance.

Marsha N8FE motion to accept, all in favor.

John W8TOY reminds members of Sunday night 2 meter net.

Jerry W9NPI- 16 people at tech class, 1 more came. 7 people at general class, 1 more came. We are looking for an instructor for the Extra class.

Marsha - Siren tests are starting in March, we are looking for people to verify sirens. Skywarn trainings are also scheduled- Aside for the posted ones there is a Monday night in Southfield too.

M2M-Q Is an SWR meter frequency specific? Jay WB8SBI ~ The manufacturer specifies the range where it is calibrated.

Charles KE8DKP - Field strength meter for 2m/440, what will it show on 10? Jay ~ See above...

Q: Tower in Southfield. Various people have experience or suggestions dealing with the city. Wes - The Zoning ordinance is available online.

Adjourned 9:01pm

Respectfully submitted,

--Reuven KB3EHW

Secretary

Two elderly hams had been friends for many decades.

Over the years they had shared all kinds of activities and adventures on the ham bands. Lately, their activities have been limited to meeting a few times a week to play cards.

One day they were playing cards when one looked at the other and said, "Now don't get mad at me.....I know we've been friends for a long time.....but I just can't think of your name and your call.! I've thought and thought, but I can't remember them.

Please tell me what they are." His friend glared at him. For at least three minutes he just stared and glared at the gray haired old man.. Finally he said, "How soon do you need to know?"



Stealth Mode

Radio Road Trip

About ten years ago I went to a HAM Fest with some friends. These HAM Fests are a combination of used and new radio sellers. There are many stands of people displaying their products.

This HAM Fest was about fifty miles south of my hometown. We had no problem finding the location because of talk-in directions; if you were not sure of directions to the HAM Fest, you could tell a radio operator on site where you are and they would give you exact directions to get there.

We spent the better part of the day having a really great time at the HAM Fest. We left for home about four o'clock in the afternoon. I was sitting in the rear of the car next to the door. Travelling home I said to the driver "You are going the wrong way." He answered, "Be quiet."

As I said I was sitting in the back on the right side of the car. The sun was hitting the right side of my face. Now at four o'clock if the sun were hitting my right side, we would have to be going south, further away from home. As far as I always knew the sun sets in the west.

Again, I said Roger you are going the wrong way and again I was told to be quiet, they are looking for landmarks. I told one of the other guys to tell Roger that he is going the wrong way. Another "Be quiet Lenny!" was shouted.

Now these guys are also hunters and spend a lot of time in the mountains. Surely, they would understand the positioning of the sun, it seemed so hopeless convincing them.

After we went about forty miles the wrong way they finally realized I was correct.

They never lived that down, I was the only blind guy in the car, and the only one who knew that they were going the wrong way!

Author Unknown

HPARC NETs

HPARC Official Sunday Night

2-meter Phone Net

Every Sunday at 9:00 PM local time on the DART repeater, 146.64 (PL 100), catch up on club news and information, and just to keep in touch. All amateurs are welcome to check in.

ARPSC Thursday Night 2-meter Phone Net

Every Thursday @ 8 pm on 146.90 (PL 100). Hospital Radio Net on the last Thursday of each month @7:30. (W80AK-3 will run packet on 147.56 MHz for those wanting to practice and test their equipment)

<http://www.arpssc.com/>

Around Town

HPARC Buddy Breakfast every Saturday @ 9:00 AM (or so)

Cozy Cabin Diner, 2129 E 12 Mile Rd, Warren, MI. Come early for the socializing. Park in the restaurant parking lot.

Oakland Co, ARPSC Siren Testing, 1st Saturday @ 1 PM

March through November except in April. Contact Marsha N8FE at n8fe@arrl.net to be assigned a siren to test.

Amateur Radio License Testing

HPARC and the City of Oak Park offer amateur radio license testing on the first Tuesday of even-numbered months at the Oak Park, Michigan Community Center (14300 Oak Park Blvd, Oak Park, MI 48237) beginning at 7:00 PM. Contact Jerry W9NPI at w9npi@arrl.net

Club Officers

President

David Koch AA8IK
davidpkoch@comcast.net

Treasurer

Robert Lauer N8REL
rlau6@aol.com

1st VP

Jim Poehlman K8ABZ
k8abz@arrl.net

Director

Bill Ketel N8QVS
n8qvs@arrl.net

2nd VP

John Teagardin AA8UU
aa8uu@arrl.net

Parliamentarian

Hugh Boyle KE8BED
photoink7@hotmail.com

Secretary

Reuven Gevanyahu K83EHW
kb3ehw@arrl.net

Current Listing of Hamfests in the Great Lakes Division

3/2/19	Cave City Hamfest	Cave City, KY
3/3/19	Winter Hamfest	Elyria, OH
3/16/19	MI Crossroads	Kalamazoo, MI
3/16/19	Gallipolis	Gallipolis, OH
3/17/19	TMRA Hamfest	Perrysburg, OH

Program for March

Steve Gladstein received a BS in Electrical Engineering from Southern Illinois University in 1984. His career began by designing microwave components for military aircraft radar jamming systems, working up to 80GHz in the late 1980's. After a period in telecommunications, Steve moved to the Metro Detroit area, and worked in automotive electrics, including circuit design and Electromagnetic Compatibility until he retired in August 2018.

Steve Gladstein will present "Tales from a Heathkit Collector" during the March HPARC meeting. These tales include some of the adventures I had, places I've visited, and interesting people I've met as a Heathkit collector. We'll also discuss a few rare Heathkits. Steve previously presented "True Confessions of a Heathkit Collector" to HPARC in 2009.

Technical Coordinator and W8HP

Trustee

Joe Raznik WB2ADX JoeRaznik@nbcuni.com

W8JXU Trustee

Bill Ketel N8QVS n8qvs@arrl.net

Education/VE Testing

Jerry Begel W9NPI w9npi@comcast.net

Contest Mentors

Mike WD8S wd8s@arrl.net

Gerry K8GT k8gt@arrl.net

Public Information Officer

Open

LoTW Manager

Murray Scott KE8UM ke8um@arrl.net

Newsletter

Rick Laird KB500 ricklaird1@comcast.net

Webmaster

David Koch AA8IK aa8ik@arrl.net

Siren Tests

Marsha Fleming N8FE n8fe@arrl.net

Meeting Coffee and Donuts

Brenda White KD8SGB

Sunday Net

Bob Lauer N8REL

Lee Ricelli KD8TBC

John Little W8TOY

Banquet

Open

HPARC Official Cook

Bill Ketel N8QVS n8qvs@arrl.net

Hamfest Chair

Hugh Boyle KE8BED 248-755-6094

HazelParkSwapfest.@gmail.com

Holiday Party

The Board

SKYWARN 2019



Skywarn is an effort to save lives during severe weather emergencies by expanding networks of spotters and by encouraging the widest possible participation in tornado warning programs. There is no way to stop tornadoes, and not all tornadoes show up on radar, but they can be seen. Lives can be saved. Only one instrument can detect a tornado or funnel with complete certainty, the human eye.

Skywarn training sessions are held to train individuals on how to accurately observe such weather phenomena as floods, hail, wind and its associated damage, cloud features that lead to tornadoes, and those cloud features that do not lead to tornadoes. The class covers what information to report and how to report it. Basic severe weather safety is also covered. Classes are **FREE** and last 1.5 hours. While new technological and scientific tools have advanced the National Weather Service (NWS) capability to predict severe weather, the trained spotter remains essential to the NWS warning process. The more trained "eyes" we have in the field during a severe weather event, the better our service to you and the public will be. More concern, more spotters, more eyes are needed. Lend us yours - learn **SKYWARN!**

SPOTTER TRAINING CLASSES

Tuesday, March 5 7:00 PM - 8:30 PM	Novi City Hall (Council Chambers) 45175 10 Mile Rd, Novi, 48375
Wednesday, March 6 7:00 PM - 8:30 PM	Oakland County Homeland Security Division Executive Office Bldg. 41W, 2100 Pontiac Lake Rd, Waterford, 48328
Saturday, March 23 10:00 AM - 11:30 AM	Oakland County Homeland Security Division Executive Office Bldg. 41W, 2100 Pontiac Lake Rd, Waterford, 48328
Saturday, March 23 1:00 PM - 2:30 PM	Oakland County Homeland Security Division Executive Office Bldg. 41W, 2100 Pontiac Lake Rd, Waterford, 48328
Monday, March 25 6:00 PM - 7:30 PM	Southfield Public Library 26300 Evergreen Rd, Southfield, 48076
Thursday, April 4 7:00 PM - 8:30 PM	Rochester Fire Department 277 E Second Street, Rochester, 48307
Monday, April 8 7:00 PM - 8:30 PM	Groveland Twp Fire Dept. Station 1 14645 Dixie Hwy, Holly, 48442

All interested parties (i.e. fire, police, EMS, security, volunteers, and citizens) are encouraged to attend.

The Oakland County Homeland Security Division coordinates this program.
Limited space is available, so make your reservations now!

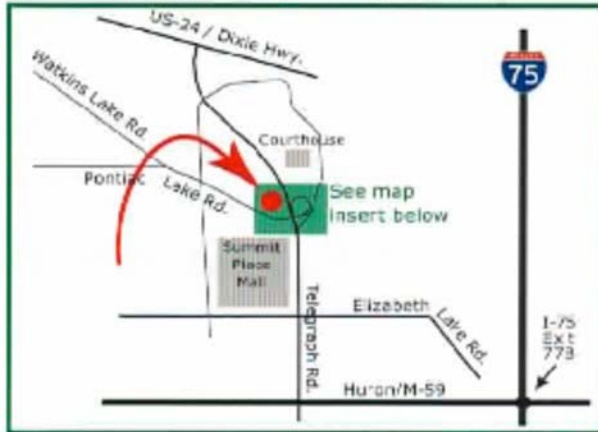
Go to: oakgov.com/homelandsecurity
and click on the Skywarn logo to register
or call (248) 858-5300



The County of Oakland does not discriminate on the basis of disability in admission or access to its programs, activities, or services as required by Title II of the Americans with Disabilities Act of 1990. Please contact us within five (5) business days prior to the event if you have any special needs.

Oakland County Executive Office Building Conference Center

Locator Map & Directions



www.globaloakland.com

Directions to:

The Executive Office Building, 2100 Pontiac Lake Road, Bldg. 41 West, Waterford, MI 48328

FROM THE NORTH:

Take Dixie Highway to Telegraph Road and turn right. At the first light on Telegraph (County Center Drive), turn right. At the next light (Pontiac Lake Road), turn left. The Executive Office Building is a five story brown building and the first building on the left just past the Oakland County Farmer's Market.

FROM THE SOUTH:

Take Telegraph Road north past Long Lake Road, Square Lake Road, M-59/Huron Street and Elizabeth Lake Road. After crossing Elizabeth Lake Road, you will see the Summit Place Mall on the left and The Oakland Pointe Shopping Center on the right. Stay on Telegraph Road going north and switch to the righthand lane. As you approach the light at Pontiac Lake Road stay in the right-hand lane. Go through the light and take the immediate loop back around and across Telegraph Road. Upon crossing Telegraph Road you will be on Pontiac Lake Road. The Executive Office Building is a five story brown building and the first building on the right after you cross Telegraph.

FROM THE SOUTH WEST:

Take either M-59 or Orchard Lake Road to Telegraph Road. Go north on Telegraph Road past Elizabeth Lake Road. After crossing Elizabeth Lake Road, you will see the Summit Place Mall on the left and The Oakland Pointe Shopping Center on the right. Stay on Telegraph Road going north and switch to the righthand lane. As you approach the light at Pontiac Lake Road stay in the right-hand lane. Go through the light and take the immediate loop back around and across Telegraph Road. Upon crossing Telegraph Road you will be on Pontiac Lake Road. The Executive Office Building is a five story brown building and the first building on the right after you cross Telegraph.

FROM THE SOUTH EAST:

Take Square Lake Road to Telegraph road and turn right. Take Telegraph Road north past M-59/Huron Street and Elizabeth Lake Road. After crossing Elizabeth Lake Road, you will see the Summit Place Mall on the left and The Strip Mall on the right. Stay on Telegraph Road going north and switch to the righthand lane. As you approach the light at Pontiac Lake Road stay in the right-hand lane. Go through the light and take the immediate loop back around and across Telegraph Road. Upon crossing Telegraph Road you will be on Pontiac Lake Road. The Executive Office Building is a five story brown building and the first building on the right after you cross Telegraph.