Inside —

- From the President
- Club events/ announcements
- Lost in Pioneer Land ... Tom Burslem
- Men & Affairs—1922
- Trouble Shooter
- BS Texas/ Museum Ships Weekend
- A Somber Occasion - John Given
- Mega Auction Flier
- Club Schedule

Alvin Swap Meet
May 25, 2013
9 am
Mike Payne’s Place
Alvin TX

(See story page 6)
Washington Post, 3/22/1922
With springtime upon us and summer just over the horizon, our members and guests continue with all fun things vintage electronics related. Yes, we are certainly a diverse bunch of hobbyists, tinkerers, collectors, and "recyclable resource accumulators" (a euphemism for the less dignified term "J. C." often used by our spouses).

Well, some people just don’t understand that to succeed in this hobby, one cannot just go to the nearest Radio Shack store and buy a power transformer for a Philco 90 cathedral. With the garage in mind, your reasoning can go like this, "you see hon, those radios are not water proof, but your car is, so it can survive quite well parked there in the driveway while my valuable resources remain safely high and dry in our garage.

Wait a minute – who changed the locks on the house? What’s this letter from YOUR attorney ordering me off the property! Maybe I should have rented that storage unit while it was available last year.

So, my advice to y’all, think of your spouse as Mother’s Day approaches. She’ll love you for it and remind your offspring not to forget mom on Sunday, May12!

I’m going to give my lovely wife a hug after I finish this article for tolerating this old “J.C.” as of March 25, for the last 25+ years.

Now on to other matters directly club related.

Looking over the horizon, there will be no regular monthly meeting in the Bayland Center in May as the facility shuts down for the Memorial Day weekend each year.

Our next event will be the annual Alvin, TX Swap Meet on May 25, then on to the Battleship Texas with BTARS on June 1 & 2 during the annual Museum Ships Weekend, a fun event that will include tours aboard the ship for members and guests.

As I stated in previous articles, it appears they are coming out of the woodwork on us regarding estates. Two new ones came to our attention within the last couple of months and these may be included in the July Mega Auction. As many of you are now aware, HVRA will hold a mega auction in the Texas City, TX Doyle Convention Center during the annual Tidelands Amateur Radio Society swap meet on July 13. HVRA will host the auction scheduled to start at noon and will include area HAM radio clubs along with VRPS and others.

We need volunteers to help. Here is your chance to lend a hand. This is building in momentum and will be a win, win, for all!

I want to remind you that our monthly Board of Directors meetings are open to all HVRA and BTARS members. If you plan to attend, watch our meeting schedule and e mail me a day in advance so I’ll know how many large pizzas to order at $1.25 per slice. Here is your opportunity to offer suggestions, criticisms, ideas, or just enjoy an evening out with the guys.

The monthly Board Meetings enable us to address club business matters that otherwise would consume time during our regular meetings. This gives us more time to do the fun things we all enjoy.

Do we value your participation? You bet! It was a non board member in attendance during the March meeting who put forth the idea of a mega auction at Texas City – mega thanks Jimmie!

Now read on as we share news and items of interest in our second publication of the year. Bill W.

HVRA Electronics Classes

June 22 Class VII  “Audio Amplifier Output Stages of Vintage Radios Using Triode Output Tubes”. For some late 1920’s Atwater Kent’s, RCA Radiola 17’s & 18’s, and others of that genre; learn how they work and how to repair them.


August 24 Class IX  “Audio Detection Circuits in 1920’s Era Radios” Detector circuits, volume control, and early avc trouble shooting and repair topics.

2013 General Meeting Contests

By Reid Shipp

August 24  Low B+ amplifier contest
October 26  Golden Ears contest

Rules—Description

Low B+ amplifier contest: Amplifier must be played and provide a reasonable volume, use vacuums tubes with a low plate voltage. The winner—amplifier the meets the requirements and uses the lowest plate voltage.

Golden Ears contest: any solid state, vacuum tube amplifier, home built, kit or commercial. A blind listening test will determine the winner. Amplifiers will be played with organ & drum music. Speakers will be provided.

Note: All previous contest winners are eligible, the contest entries are NOT eligible.
Alvin Annual Flea Market Swap Meet
May 25

Mark your calendar for May 25! HVRA member Mike Payne will once again open the gates to Electro Junk, Inc. in Alvin, TX for all to participate in the annual trunk and tail gate swap meet.

If you have never participated in one of Mike’s swap meets, you have been missing it BIG TIME! Mike’s place is easy to find and the facilities are ideal for a swap meet of the magnitude that this should be.

If you are a HAM, a collector, dumpster diver, restorer, or whatever you’ll surely enjoy seeing Mike’s fantastic collections of everything electronic imaginable. Gates will open for all at 9 AM sharp.

To get there take Highway 288 South from the I-610 Loop in Houston. Turn left on to Texas Highway 6 and drive to Alvin. In Alvin, turn right on N. Gordon St. (which is also Highway 35), cross the railroad tracks go several blocks, then turn right on Coombs St. At the second intersection turn left on Taylor St. and you are there at 803 S. Taylor.

Map posted on HVRA web sit www.hvra.org

Mega Auction in Texas City
July 13

HVRA together with Tidelands Amateur Radio Society and area HAM Clubs will host a mega auction in the Doyle Convention Center, Texas City, TX on Saturday, July 13.

Here is your chance to unload those collectables that you have wanted to sell. There will be radios, parts, tubes, solid state items, HAM gear, test equipment, literature, and just about everything electronic imaginable for sale.

We anticipate publishing an auction manifest along with pictures of items you may wish to sell. These can be forwarded to www.werz1943@gmail.com for inclusion in the manifest along with the promise that they will be sold only in the auction and not in the swap meet.

At the conclusion of the swap meet, unsold swap meet items can be brought into the auction for sale. There will be a $2.00 registration fee per person at the auction area entrance. Auction forms must be attached to those items, and that form can be downloaded from the web site www.hvra.org. We will assist participants in numbering and labeling auction forms prior to the auction that will start at 12:00 Noon. Auction forms will also be available at the entrance.

HVRA charges a 10% commission on auction sales, with 90% returned to the seller. Food and drinks will be available on site starting when the doors open at 8 AM. If you have never visited the beautiful modern Doyle Center, you will be in for a pleasant surprise. There is ample parking, the facilities are beautiful, and the swap meet is fantastic! I expect the auction will be equally fantastic!

To get there, take I – 45 south from Houston to Galveston, take Exit 16 and go left (east) on Emmet Lowry Expressway that becomes Palmer Highway in Texas City. Turn right on to 21st Street and the Doyle Convention Center is on the left – you cannot miss it – it’s huge!

See Auction Flier on page 10

Volunteers Needed For Texas City HAM Fest Auction

Now is the time to step forward and lend a hand! We need dedicated members who are willing to help during the Texas City auction July 13.

We need auction handlers, security watchers, and auction “tutors” for better terminology as there will be people unfamiliar with how our auctions operate.

If you can help, please attend our June 11 – Tuesday evening, 6:30 PM Board of Directors meeting in the Bayland Park Community Center’s Library for orientation.

Email Bill www.werz1943@gmail.com or call (713) 721 – 2242 if you plan to attend, join us, eat some pizza, and get an HVRA auction handler T shirt.
So I purchased a circa 1980 Pioneer SX-880 receiver. Silver face plate; looks sharp, no major dings and all screws were still attached. No evidence of any so called service since at least the screws weren’t worn out and brightly colored as amateurs are ought to do—use the wrong size Phillips head or worse yet, a standard screwdriver where it doesn’t belong. This was a heavy beast but I have a vague sense of nostalgia cause when I had graduated from college it appeared a thing of beauty and “hi end” equipment. I know it retailed over $300.00 bucks. I remember thinking I could only look at this piece until I paid off student loans…. Someday….perhaps…I’ll own one. And yes, my ‘Government loan’ as it was called back then is paid off.

So off to my bench it went. As most of you have surmised by now, I am no trend setting technician. Far from it…but thanks to teachers like Bill Werzner and my old friend Bob Wood and the various snippets I pick up from fellow club members I know enough to be dangerous…and I at the very least, know how to use my eyes and ears when it comes to solid state equipment.

The transformer tested good. So I slowly brought her up on a variac with no smoke. Finding dial lights and signal meters working fine in tuner mode but no audio whatsoever. The 2 huge filter capacitors were rated 15,000 mfd at 80 volts I was suspicious of—and my dedicated capacitor tester was showing a lower reading…and the “power on” relay was not activating. As most of us in the club know by now—these big amps always have about a 2-3 second power on delay when the on switch is activated and if you listen your hear some kind of relay (solenoid action) click before the sound activates. I surmised this relay at the very least was defective and that it probably was caused by weak or leaky filter capacitors.

All the fuses were good. Gotta be a design flaw somehow when you’ve got 4 internal fuses that all test good yet the unit has no audio. Did I miss a meeting here? I mean, for what consumers were paying for this a blown fuse would be helpful in troubleshooting…and maybe, just maybe a fuse could have blown before a relay or small pc board went bad. Am I dreaming? Sometimes I really don’t like this solid state stuff…

No Big deal finding parts on something this relatively new, right? Boy was I wrong. Parts Express, Antique Electronics, Mouser…even a trip to EPO and ACE Electronics yielded nothing even close to match these caps. These are about the size of miniature baby footballs to begin with, but finding any cap over 5000 mfd at any voltage was becoming an internet adventure…I followed 15-20 Internet trails to no end. I sent emails in any comment section that would take questions asking these small companies since they didn’t stock anything close—“Do you know who did?” Most were kind enough to reply back, “No idea, good luck”. So I tried ebay. The power on relay was available at $40.00….and this was used; but no caps were even listed close to my range…

So what am I or we as paraprofessionals of electronic components supposed to do? I guess the laws of supply and demand have crossed into the river of planned obsolescence. And the American citizens have allowed this travesty to occur? I was shocked that this future antique has such poor replacement part availability. Am I, as an aging aficionado of electronic art going to accept this junk yard fate of this well built (albeit Japanese made) nicely engineered Stereo receiver?

What desire to repair or rebuild will a sixth grader have in his very immature heart? I dunno either. But without any scrap parts even available there is no chance for fruition. 1980 JUST doesn’t seem that long ago…Ha! I guess that’s eons ago in electronics…And the rated distortion, channel separation, selectivity, and overall sound quality was deemed excellent then as it would be now. This is not a toy. The engineers did their jobs. I try to picture what the business climate was when this was purchased… Perhaps the Marketing Department wanted some parts to fail so that consumers needed to buy a new Stereo every four years; like an auto transmission just out of warranty. I would expect this from a vacuum cleaner or microwave oven but Pio-
neer was supposed to be “top of the line”. They certainly priced themselves that way. What a shame…

Why bother replacing the power on relay when the filter caps cannot be found? True, the receiver is 33 years old and few folks have a nostalgia meter as far reaching as mine (nor as whimsical and foolish).

Perhaps my Grandson upon turning 13 or so will reflect upon his strange Grandpa’s collection of cassettes and funky avant-garde electrical reproducers and wonder about me. Perhaps not…But ain’t it a shame he won’t have the opportunity we had as kids to pull memories out of an old drawer of parts and at the very least try to piece together what some of his Grandpa’s passions were about…aside from chasing his Grandmother’s skirt?

I just hope he won’t have to wear ballet shoes when he plays football cause the cleats on his shoes might break some kids finger if they get stepped on. Be a shame if somebody broke a nail. I’m hoping my Grandson will be like me and look for helmets he can rip off of opponents and then go home and rebuild that electrical box attached to tv before he plays any games…who knows? Maybe he’ll come across NOS 15,000 mfd at 80 volt capacitors…and he’ll ask “what else are these good for?”

So, sadly, this Pioneer ended up in the trash bin…the times, they are a changing….and football in the future? Well, I’m sure in 10 years or so if we trend in the same direction we’ll just negotiate for yardage and discuss parameters of running and passing…we wouldn’t want boys to hurt one another. I think I’ll invent a board game and call it “Football Light”. Right…. This will be a hit for page 2102 in the Obama Care manual-right next to “Don’t let kids drink more than 12 ounces of Root Beer a week” since our Congress was told to pass the law to see what’s in it by Nancy Pelosi.

I thought my mental state-albeit full of ADT (attention deficit disorder) was stabilizing but given the current path of our Government I cannot pick up a writing utensil and NOT segue into Football and Politics as I reflect on my Grandchildren’s future…they won’t be able to afford buying any 15000mfd capacitors anyway. Thanks for your indulgence….By the way, if I’d told my father before he passed on that our Congress would pass a law like Pelosi suggested I don’t think he would have believed me…As a proud Veteran of World War 2 and one of our Nations first Radar Operators he just had faith that we were so much smarter than that….besides, he purchased a Pioneer Receiver cause “they were the best”.

Dad bought a four channel Pioneer and was very proud. I kept my so called "sophisticated skepticism" to myself back in 1975. That receiver was his last major purchase before he died and he was absolutely certain that 4 channel was the way of the future and that Pioneer was "top of the line". No need to break his thunder but I sense him shuddering up in heaven now for his great grandkids and the overall pervasive wimpiness of our government, our lessoning of standards for our children and yes, even our acceptance of electronic planned obsolescence...

---

**Silent Key** — HVRA member, Charles Knight, passed away on February 27, 2013, at the age of 59. He was an avid collector, dealer, builder, restorer of antique radios and phonographs and actively participated in the activities of the Houston Vintage Radio Association and Vintage Phonograph and Radio Society.

Charles Knight born to Daisy Knight and the late Norris Knight Sr., On March 29, 1954 He passed from this life February 27, 2013. He was a 1973 graduate of Abraham Lincoln High School.

He proudly served in the U.S. Army, After serving two terms in the U.S. Army, he opened an Antique Radio Shop in Beaumont, Texas, along with his partner David Sassine. David and Charles, in over 20 years, have amassed quite a collection.
The proposition of Representative Vincent Brennan, of Ohio, to equip the United States Capitol with a radio "broadcaster" capable of carrying the House and Senate debates to all parts of the county so that the "peepul" can know what is going on every day in Congress is causing something akin to alarm in wireless circles. Already the question is asked as to what the other waves have ever done to Congress to be inflicted with such a daily output of oratory? And what chance would the air have to carry anything else once it was freighted with the congressional debates?

The problems which arise in connection with the project are simply stupendous. How could the Senate and House both be in wireless operation at the same time without serious "interference?" Certainly it would be necessary to pitch the debates on different planes - different wave lengths. And which would claim the higher plane? Furthermore, if all the debates were broadcasted and some several hundred thousand of persons were listening spellbound at the old family fireside, how could you ever get either representative of senator to stop talking? Congress would be session for 24 hours a day.

Certainly the wireless telephone has congressional possibilities, but if there has been too much talk, with only the Congressional Record as a medium of complete expression, what in the world would happen with a lot of radio sets tuned to a concert pitch and rearin' to go?

Submitted by Scott Rodkey

The Struggle to Achieve Radio Reception in 1922
(note the antenna)
The Universal Output Transformer
PT - 291

By Bill Werzner

Antique Electronic Supply of Tempe, AZ offer an eight watt, universal output transformer for under $20.00. (see web site at www.tubesandmore.com). Over the past decade I have used several dozen of these transformers in a wide variety of radios including RCA Radiola 18s to vacuum tube receivers from the early 1960's.

I want to share with you the wiring diagram for this versatile transformer showing connections for some of the earlier output tubes, and how it can be wired for either single ended or push pull output. Not shown in the diagram are secondary speaker connections for tubes such as 71A, 01A, 19, or 47's, or the newer 35 and 50L6 output tubes. With these tubes, connect one speaker voice coil wire to common (C), and test the remaining three terminals for best gain and fidelity.

For Radiola 18's; modern 8 Ohm PM speakers were mounted inside the speaker housings as the original speakers were missing or beyond repair. The old 0.5 uF plate to speaker coupling capacitor was bypassed and the transformer primary connected directly to the 71A tube’s plate.

I have had excellent results with this transformer and highly recommend it as one you should keep in stock. Careful now, don’t let that B+ bite you!

From Mark White —

"A Substitute for the 6P5 Tube"

You may not find this in tube substitution guides, but the more common and much less expensive 6J5 or 6C5 can be used in audio circuits in place of the 6P5. Mark says, "sometimes it pays to experiment as all three are medium mu triodes." Will this work in oscillator circuits? Give it a try and let’s hear from you.

The 76 tube is identical electrically, to the 6P5, but a socket change or adapter would be necessary.

The 6P5 is often found in the audio stage of the popular black dial Zenith radios!

HVRA Officers

President: Bill Werzner, 11402 Endicott, Houston TX 77039-2912; 713-721-2242; werz1943@gmail.com
VP Jim Calbeck, 435 Columbia St., Houston TX 77007; 713-868-2086; jcalbeck@sbcglobal.net
Secretary: Tom Taylor N5ACA, 1118 Glenshannon, Friendswood, TX 77546; 281-996-5835; tomn5aca@juno.com
Treasurer: Tom Burslem, 23118 Newgate Dr., Spring TX 77373; 281-355-0144; tomburslem@yahoo.com
Historian: Gilbert Hedge, 1626 Kenwick PL, Pasadena, TX 77504; 714-625-5979; zen1441@sbcglobal.net
At Large #1: Reid Shipp W5ARI, 1519 3rd St., League City, TX 77573; 281-943-9877
At Large #2: David Moore KF5FUM, 3213 Regal Oaks, Pearland TX 77581-6411; 281-705-3402; wdf11@swbell.net
Webmaster: Derek Ross, 5910 Gentlewood Ln., Sugar Land TX 77479; 832-483-9819; allenross04@yahoo.com
Grid Leak Editor — vacant (David Moore—temporary post)
The Battleship Texas Amateur Radio Station (BTARS) recently completed the Texas State Parks on the Air Special Event, sponsored for its first year by the Northwest Amateur Radio Society in northwest Houston. The TEXAS contacted a total of (18) unique Texas State Parks across 20, 40, and 80 meter bands, including Big Bend, Lake Somerville, Mustang Island, and Buescher State Parks. We even had a few scouts take part in the contacts!

The next special event will occur on Saturday, June 1 and Sunday, June 2, 2013: Museum Ship Weekend. This event will have close to 100 museum ships on the air!

In addition to special events, the Battleship Texas Amateur Radio Station, in conjunction with the First Texas Volunteers (FTV), will be assisting in restoration efforts to the TEXAS’ long-wire antennas. Currently, there is one working 40 meter quarter-wave vertical in operation on-board the TEXAS. Keep posted to NA5DV.org to follow current events with the Battleship Texas Amateur Radio Station.

The Battleship New Jersey is again sponsoring their Annual Museum Ships Weekend on June 1st and 2nd come out and join us for an exciting Ham Radio event where radio operators across the U.S. and more will try to contact at least 15 Museum Ships to earn an event certificate. We can receive over 1,000 radio contacts during the event, talking with people who love history and radio, most are prior military service, and some are new young hams just beginning. We can always use more radio operators and it’s a real thrill to have a line of people waiting to talk to the Battleship Texas. Watch our website for updates and listen for our call.

Katy, TX HAM Radio Club President Joe Peet – N51DF informs us they will be “on the air” Saturday & Sunday, June 1 & 2. BTARS (Battleship Texas Amateur Radio Station) will be saturating the airwaves that day from their radio room down on the second deck of this historic ship, transmitting from one or more of the ship’s original antennas.

Did you know the Battleship Texas was the Bombardment Command Ship on D Day? If you are a HAM, a HAM wannabe, or just plain curious, you’ll certainly enjoy visiting and seeing the original WW II era radio rooms that are being restocked in preparation for restoration.

Don’t let the heat keep you away. The ham shack is now air conditioned with an air conditioner that vents the condenser heat to outside the ship. Museum Ships Weekend will be held in early June to commemorate the 69th anniversary of D Day.

Plans call for BTARS activities to begin on Saturday, operate overnight, and through Sunday afternoon. To get to the ship, take TX Highway 225 from I – 610 through Pasadena and Deer Park to the Independence Parkway Exit. Turn left on Independence Parkway (formerly known as Battleground Road) and continue north to the San Jacinto Battleground State Park. Turn left into the park. Inform park personnel inside the ship’s office that you are with the radio club to enter the ship.

BTARS Now Members of First Texas Volunteers

Congratulations BTARS members!

We received news that the First Texas Volunteer Organization, during their meeting April 27, voted to welcome you as members of the First Texas Volunteers aboard the USS Texas! The FTV are a wonderful group of dedicated volunteers assisting Texas Parks and Wildlife in promoting and preserving our state’s namesake ship that will celebrate her 100th commissioning anniversary next year.

As a member since 2005, I love not only assisting with the ship’s preservation, but volunteering as a docent as well. I would encourage you to consider another step in becoming a docent to give guided tours and assist with hard hat tours as well. If you enjoy teaching some history, meeting people – and I mean people from all over the world – you’ll love being a docent. In this role you can promote not only Texas, but our great country too. I will be glad to share with you what is involved in becoming a docent as I volunteer one or two days per month. Remember, “a foreign visitor’s most memorable American experience could be you.” This is your chance to become a good will ambassador to our visitors from far and near. – Bill Werzner, FTV
It was a cold, rainy day. The blustery drizzle increased to angled rain, sometimes horizontal rain. Perfect day for a funeral.

It was a solemn day for the Practitioners Of Obsolete Technology (P.O.O.T).

At the previous Saturday meeting the announcement was made that longtime member Denton Fender had passed on. His wife had found him slumped over his garage workbench, unresponsive. She got him to the floor and attempted panicked CPR whilst equally panicked, grand daughter had called 911.

The medics from the local volunteer fire department made a more than competent attempt to revive Denton. They knew him personally; he’d recently helped them with their new antenna when they switched to UHF.

Everyone that knew pop Fender liked him. He was one of the few outside links to poverty point estates during IKE. Even the NAZI’s at the HOA got off his butt about antennas after that.

The medics from the local volunteer fire department made a more than competent attempt to revive Denton. They knew him personally; he’d recently helped them with their new antenna when they switched to UHF.

The “silent key” sidebar in QST mentioned the passing of W5QRM.

After 20 minutes of effort by the VFD and the county Paramedics Pop Fender was pronounced dead. The medical examiner showed up, made a cursory examination, reviewed things with the paramedics and the family and marked “natural causes, heart failure” on the death certificate.

His wife of 5 decades, Nadine “Rusty” Fender was devastated. She was well provided for. The empty space at the table took a long time for the family to get used to especially the first Thanksgiving and Christmas. She fingered his scarred wedding ring. She went to her grave wondering about that pit she never noticed before.

The medical examiner was 50% right: it was heart failure, but not natural causes.

You humble scribe can fill you in on the untold story; that is my privilege as a writer of bad fiction.

Denton was working away on a Philco 48-1201 chassis on his workbench. He probed around the output tube to deal with another *@%$#! Intermittent loctal socket sooooo epidemic in old Philcos. He was comfortably seated on an ancient steel shop stool, his sweaty shirt sticking to the steel backrest. As he probed his wedding ring bumped a lug on a tube socket, for just a moment tack welding itself to the lug. He involuntarily jerked it loose, but the damage was done.

Denton had never “gotten around” to getting an isolation transformer.

Through the action of the Philco’s voltage doubler approx 100 ma shot up Pop Fenders’s arm and to ground via the steel shop stool. That in itself was no big deal: unfortunately it made a detour through his chest cavity.

He was about to feel the weight of Ohm’s Law. It rang his bell pretty good. He started feeling faint, dizzy. He noticed it felt like a fish was flopping in his chest. The jolt, while not particularly deadly by itself, was sufficient to disrupt the electrical activity in his heart.

He was in fibrillation. His heart’s ignition system, which contracts the atriums, then the ventricles, was confused. Each irritated chamber acted independently, spasmodically. This reduced the heart’s ability to pump to just about zero. Soon the lack of oxygenated blood really irritated the heart muscle and it began to spasm.

Denton was now quite unconscious, his heart muscle began to die, also brain cells were starting to die off. In a few minutes it’s all over.

Had he slammed to the concrete floor he might have mechanically defibrillated himself. Had he received a bigger jolt he would have clamped his muscles momentarily and essentially electrically defibrillated himself...just like on tevee.

He would have hated himself the next morning not realizing he dodged Darwin. Unfortunately he slumped forward on the bench pushing the Philco ahead of him.

His last living experience was Milo Hamilton doing a commercial for David Taylor Cadillac on KTRH. His blind date with the power company has not gone well at all.

’nuff said about isolating yourself from Reddy Kilowatt.

John Given
HOUSTON VINTAGE RADIO ASSOCIATION
2013 MEGA – AUCTION
JULY 13TH

in conjunction with:
TARS – Tidelands Amateur Radio Society
SETAC - Southeast Texas Amateur Club
BTARS – Battleship Texas Amateur Radio Society
Katy Ham Club
Gulf Coast Amateur Radio Club

Come bid on Ham Radio equipment
Vintage Radios and lots of other electronic gear!

Auction Hours 12 to 4 PM
$2 Registration Fee
$5 Minimum Bid
Sellers can load from 10AM – 12PM
ALL DONATIONS TO HVRA & BTARS ARE FIRM AT THE BEGINNING OF THE AUCTION

Charles T. Doyle Convention Center * Texas Heroes Room * 2010 5th Avenue N. Texas City, TX 77590

For more info visit our website hvra.org
HVRA Event Schedule:

**Location for all events:** Bayland Park Community Center, 6400 Bissonnet, Houston, TX. Coffee & snacks available at regular meetings.

- **Tuesday, May 14**, Monthly Board of Directors Meeting 6:30 PM, Pizza served.
- **Saturday, May 25**, Annual Alvin Swap Meet at Michael Payne’s, Alvin TX
- **No Regular Meeting at Bayland during May due to Memorial Day Holiday.**
- **Saturday & Sunday, June 1 & 2**, BTARS USS Texas Museum Ships Weekend Event.
- **Tuesday, June 11**, Monthly Board of Directors Meeting 6:30 PM, This will be an important meeting for all as we will be working out the details for the July Mega Auction in Texas City during the annual Texas City HAM Fest in July. Auction handlers please try to attend. Pizza will be served as always – e mail werz1943@gmail.com if you plan to be there.
- **Saturday, June 22**, Monthly meeting at Bayland Park Community Center, 6400 Bissonnet 9:00 AM, Program, auction, class VII. Coffee, juice, and snacks.
- **Tuesday, July 9**, Monthly Board of Directors Meeting 6:30 PM, Final planning for Texas City HAM Fest Mega Auction. Auction volunteers please plan to attend this meeting Pizza served!
- **Saturday, July 27**, Monthly meeting, 9 AM.
- **Tuesday, Aug. 13**, Monthly Board of Directors Meeting 6:30 PM, Pizza served!
- **Saturday, Aug. 27**, Monthly meeting at Bayland Park Community Center, 6400 Bissonnet 9:00 AM, Program, auction, class IX. Coffee, juice, and snacks.
- **Saturday, Nov. 2**, Swap ‘n Shop—BBQ, Grapeland TX, Cecil Miles house

On the Internet —

Great vacuum tube/electronic tutorial with buildable schematics and experiments:
[www.du.edu/~etuttle/electron/elect27.htm](http://www.du.edu/~etuttle/electron/elect27.htm)

Higher fidelity “Phono-Oscillator” using 6CS6 (sharp cut-off) instead of 6BE6 (remote cut-off):

Main site for WA2ISE and his great experiments, modifications and improvements on AA5 radios:

Provided by Ned Ely

Looking Ahead —

- **AWA Convention** — Aug. 20-24, Rochester NY
- **MARC** — Jun 27-29; Lansing MI
- **ARCI** — RadioFest, Aug 1-3, Willowbrook IL
- **Yankee Steam Up**—Sept. 21; East Greenwich RI
- **New England Wireless & Steam**
- **HVRA Swap ‘n Shop, BBQ—Nov 2, Grapeland TX**
- **VRPS Convention—Nov. 15-17, Mesquite TX**

Buy, Sell, Trade, & Services Offered

Huge collection of Sams from Vol I on! Also included are seven or eight file cabinets filled with these collectable volumes from a closed out radio TV repair shop. Call or e mail Andy Lee at [www.radiomanL@verizon.net](http://www.radiomanL@verizon.net)

Radio & Phonograph Sales & Repair including vintage auto radios, battery sets, foreign sets, etc. We also sell and service vintage telephones and telegraph equipment also parts, new & used tubes, transformers, schematics, books, phonograph parts & needles, records, etc. Vintage Sounds – celebrating our 24rd year in business. Open Fri., Sat, & Sunday from 10 until 6 PM. Now located in The Market Place Antiques, 10910 Old Katy Road, in Houston (Located just west of The Room Store on the north side of the Katy Freeway). 10% member discount on radio items.


Sargent Auction Service: [www.sargentauction.com](http://www.sargentauction.com) | [Jim@sargentauction.com](mailto:Jim@sargentauction.com) Jim Sargent, WA5QBR, Auctioneer | TX license 16135 | 200 Thomas Rd, Granbury TX 76049


EPO Electronic Parts Outlet, New and surplus electronic components, come by and check out this incredible store! 3753 Fondren Road, Houston, TX 77063. Go to [www.epohouston.com](http://www.epohouston.com)

Tom Granger Restorations, radio and phono cabinets. (281) 338 – 8277. [www.tomgranger@mac.com](mailto:www.tomgranger@mac.com)

Blue and Razz Scrap call Jesse Robinson (713) 870-1998 “You call, we haul-free” Old appliances, TV’s, Scrap metal, etc. Houston, TX 77074.

The Grid Leak— 11
The Grid Leak
May—June 2013

Monthly Meeting— May -NO Regular Meeting
Alvin Swap Meet, May 25,
See inside for details & location

Monthly Meeting— June 22, 2013
Bayland Park  8:30 AM

www.hvra.org  (Check out the fresh new look)

Notice on renewing your membership!
Please check the expiration date by your name in the address label.

Alvin Swap Meet
May 25, 2013
9 am
Mike Payne’s Place
307 W Dumble, Alvin TX