

HOUSTON VINTAGE RADIO ASSOCIATION

THE GRID LEAK

2024 1st QUARTER: JANUARY, FEBRUARY, MARCH (and April)

WELCOME TO A NEW YEAR. WE ARE PLANNING TO BEGIN 2024 WITH A BANG-UP EVENT. OUR 46TH YEAR (Oct, 1978) AS A VINTAGE RADIO ASSOCIATION BEGINS WITH THE ANNUAL CONVENTION AND AUCTION AT THE MARRIOTT WESTCHASE FEBRUARY 2ND THRU 4TH.

SO LET'S USE THE MONTH OF JANUARY TO PREPARE OURSELVES FOR BUYING AND SELLING THOSE VINTAGE ELECTRONICS THAT CONTRIBUTED TO SATISFYING US AS HOBBYISTS. GET THOSE FANTASTIC AND INTERESTING ITEMS FROM YOUR COLLECTIONS AND DISPLAY THEM IN OUR "OLD EQUIPMENT CONTEST" SO THAT EACH MEMBER CAN APPRECIATE YOUR TASTES IN VINTAGE ELECTRONICS.

RAFFLE RADIO



PHILCO MODEL 80

IN APPRECIATION OF YOUR ATTENDANCE, WE WILL HAVE RAFFLE RADIO(S), A TECHNICAL SESSION, THREE AUCTION SESSIONS (2 on Friday and 1 on Saturday), EQUIPMENT CONTEST, AND SEVERAL ES-TATE AND COLLECTION ITEMS.

Throughout this Grid Leak Newsletter, we will show some of the radios and related items that will be brought from the HVRA storage unit as well as items being brought to the convention by individual members wanting to "whet your appetite" for a potential sale. We will also publish a manifest of these and more on HVRA.org

Coming to the Convention from the Stewart Kane collection

DeWald
Catalin
Model
A-502
(1946)



RCA
Catalin
Model
66X7
(1946)



WHAT'S INSIDE THIS ISSUE

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HOUSTON VINTAGE RADIO ASSOCIATION

Since its founding on November 16, 1978, the Houston Vintage Radio Association has been dedicated to the preservation of vintage radios, electronics, and phonograph equipment.

Our members across the USA have varying backgrounds and experiences but are brought together by a common interest in electronics. Many interests represented in our organization include: preservation and restoration of vintage electronics including tube and transistor radios and TVs, phonographs, telephones and cellular communication equipment, telegraph equipment, HAM radios, amplifiers, PCs, relevant literature, recordings, etc.

HVRA COMMUNICATES WITH MEMBERS ACROSS SEVERAL PORTALS:

- The Grid Leak is the official Newsletter, currently published quarterly, distributed primarily by email (and by USPS as necessary).
- HVRA maintains a website, HVRA.org, used for information regarding future events, current activities, contact and operations information, and historical data including photo libraries and past newsletters. Additionally, HVRA information and activity descriptions can be found on Facebook.
- Our normal means of face to face communication is through monthly Board of Directors' meetings and monthly General Membership meetings located at the Bayland Park Community Center;. We have also used Zoom sessions for Board Meetings from home (as necessary) as well as offsite swap meets at alternative locations.

DISCLAIMER

The sharing of information pertaining to restoration and repairs, of any items, appearing in any form, contained in any of the HVRA communication methods, is contributed by members hoping to help and/or assist others in efforts to advance the education of collecting vintage electronics. Therefore, the reader or listener is advised to contact the contributor for a full understanding of the electronic, mechanical, and chemical risks involved in the information of interest. HVRA is not responsible for the accuracy and safety of any repair or restoration topics presented in any format.

MEMBERSHIP

Annual Dues: \$20.00; normally payable prior to the HVRA Annual Convention
 Membership Applications available at General Membership Meetings or on HVRA.org

HVRA BOARD MEMBERS

If a Board Member's contact information is not listed, please contact them at info@hvra.org

President:	Joe Gernand	N/A	info@hvra.org
Vice President:	Ric Slater	N/A	info@hvra.org
Treasurer:	Brett Martin	N/A	info@hvra.org
Secretary:	Dave Herlinger	N/A	info@hvra.org
Historian:	Ric Slater	N/A	info@hvra.org
At Large #1: (Auction Chairperson)	Randy Anderson	N/A	info@hvra.org
At Large #2: (Contest Chairperson)	Tom Taylor	N/A	info@hvra.org
At Large #3: (Program Chairperson)	Stephen Truch	N/A	info@hvra.org
At Large #4: (Estate Coordinator)	Jerry Sirkin	281-844-4124	gsirkin@aol.com
Grid Leak Editor:	Jerry Sirkin	281-844-4124	gsirkin@aol.com
Webmaster:	Steve Scheel	N/A	info@hvra.org

President's Message by Joe Gernand



Happy New Year Everyone, I hope this new year finds you and your loved ones ready for another great HVRA year. As usual we have a lot planned for this year; monthly meetings, Annual Convention, Mega Auction, and Swap Meets.

Not all of our monthly meetings will be held at Bayland Community Center this year. Because 2024 is a presidential election year, the Community Center will not be available for three of our meetings (April, May and October). We will instead hold those three meetings in the EPO parking lot, as we have done in the past, for some swap meets and auctions.

We have also made several changes to the Annual Convention. The Convention is a month earlier than last year (February rather than March) and at a new location. The new location is the Houston Marriot Westchase. This new location is conveniently located, with easy access. We also, have modified the convention banquet from a fixed menu to ordering from hotel restaurant menu. This will allow everyone to order the dinner of their choice.

Once again, in July, we will have a Mega Auction in Texas City in conjunction with the Tidelands Amateur Radio Society (TARS) swap meet. This has always been a good event for us and I hope you will plan to attend.

More information on the schedule, Convention and other items can be found in this grid leak.

One final thought. As a nonprofit club we rely completely on the involvement of our members. I want to thank everyone who volunteered last year to help the club. Without your help and commitment there wouldn't be an HVRA. So, as we go into what is now our 46th year, volunteers are still needed because you are the backbone of this club. Calls for volunteers, will be going out to the membership during the course of the year; please volunteer if you can.

I'm looking forward to this year and I hope you are too,

1ST QUARTER 2024 EVENT CALENDAR

Monthly Board of Directors Meetings at 7:30 PM via ZOOM; Monthly General Meetings 8 – 11 AM at Bayland Park will include a Program and an Auction: donuts, coffee, juice and snacks will be available.

January

9th, Tue. Board of Directors Meeting

27th, Sat. Monthly General Meeting. Program: **Get Ready To View The Total Solar Eclipse of 2024** by Dave Herlinger

February

2nd – 4th, Fri. – Sun. **Annual Convention and Auction** at The Marriott Westchase (see details in this GL or www.HVRA.org.)

13th, Tue. Board of Directors Meeting

NO GENERAL MEETING IN FEBRUARY....BAYLAND PARK IS UNAVAILABLE FOR THE 3RD OR 4TH WEEKEND

March

12th, Tue. Board of Directors Meeting

23rd, Sat. Monthly General Meeting. Program TBD

April

9th, Tue. Board of Directors Meeting

27th, Sat. Monthly General Meeting and Auction **at EPO** (8am – Noon) Program TBD

WELCOME NEW MEMBERS

Wayne Daigle Bay City

Anthony Villala Channel View

HVRA 2024 ANNUAL CONVENTION



FAQs

What is the date of the convention? February 2-4. Where is the convention? Marriot Houston Westchase

What is the address of the hotel? 2900 Briarpark Dr, Houston, TX 77042

What is the phone number or link to make a hotel reservation? 800-452-5110 (Ask for the HVRA rate) or: Use the following link (press control and enter keys) to register at the convention rate of \$109 + tax.
<https://www.marriott.com/events/start.mi?id=1689717529971&key=GRP>

“Click Availability to book your reservation after clicking on the link”

Will there be double bed and queen size accommodations? Yes.

Will there be a banquet after the Saturday auction in the evening? There will not be a formal banquet as in the past, but after the Saturday auction, there will be a dinner in the restaurant area of the hotel at everyone’s own expense. The contest awards will be given out during the dinner. There will be no speaker nor powerpoint presentation for the awards.

What are the breakfast and lunch accommodations?

There are no deals on breakfast (breakfast is \$24.95 In the cafeteria) but breakfast tacos and other similar foods are available in the snack area which includes a Starbucks counter. Lunch will be available in the same snack area consisting of sandwiches, canned drinks etc.

Will there be a tech talk? Yes, Jim Sergeant (President of VRPS, Vintage Radio and Phonograph Society) will be speaking on “Early Wet and Dry Cell Batteries (circa 1800s)” at 11am Friday in the Auction Room.

Will there be a Sunday morning swap meet as in the past conventions. Yes, it will be in the hotel hallway. There are about 6 tables available from the hotel. You may want to bring a table just to make sure you have one. I will let you know if you get one of the 6 before you come. **NOTE: There will not be a Swap Meet Room Available Friday or Saturday**

Will there be a contest? Yes, the categories and rules are spelled out on following pages

CONVENTION AND AUCTION SCHEDULE**2024 FEATURED MANUFACTURER: CROSLEY RADIO CORPORATION****Friday Feb 2, 2024**

- 8AM Registration Table Opens (Conference Area Lobby)
- 8AM-2:30PM Auctions #1 and #2 Check-in and Drop-off
- 10AM-8PM Contest Check-in
- 11AM - 12PM "Early Wet and Dry Cell Batteries, circa 1800's" by Jim Sargent
Technical Session Held in Auction Room
- 12:00 -1:00PM Lunch (Individual Responsibility)
- 3 – 9PM Auctions 1 and 2 (Open to Public but Membership and registration required to buy or sell) Paper, Tubes, Speakers, Test Equip, Lesser Wood and Plastic Radios, Misc Parts and other Vintage electronics items. \$10 Min. Bid (No Junk, Please)
- Dinner (Individual Responsibility)

Saturday Feb 3, 2024

- 8AM Registration Table Opens (Conference Area Lobby)
- 8am-9:30am Contest Check-in
- 9:30am-10:00 Contest Judging (Contest Room Closed)
- 8am-10:45am Auction #3 Check-in
- 11am-5pm Auction 3 (Open to Public but Membership and registration required to buy or sell)
Vintage Wood Table and Console Radios, High Quality Plastic Radios, Phonographs, Amplifiers, Computers, Rare or Unique Speakers and other Vintage electronics items.
"The Good Stuff"
\$20 Min. Bid (No Junk, Please)
- Lunch (Individual Responsibility)
- 6:30pm Dinner and Contest Awards in Hotel Restaurant (Order from Menu and Self-Pay)

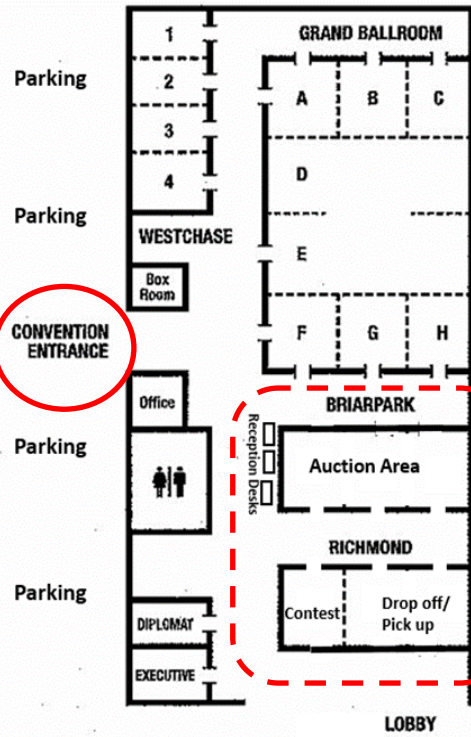
Sunday Feb 4,

- 7:30-10:00 Swap Meet in Convention Lobby Area

Please Direct All Convention Related Questions To:

Ric Slater; 832-977-6111; riclater2021@gmail.com

MARRIOTT CONVENTION AREA LAYOUT



Handler" Volunteers needed for the HVRA 2024 Annual Convention.

We need help on Friday, Feb. 2nd, 8AM to 9PM and Saturday, Feb. 3rd, 8AM to 6PM. Please let me know if you can assist and let me know the time slots that you can be available for the following:

Prior to the auction to set up tables and place estate items on display

During Auctions: Friday: 3:30PM to 9PM, Saturday 11AM to 5PM

Moving items to the auction table during the auction

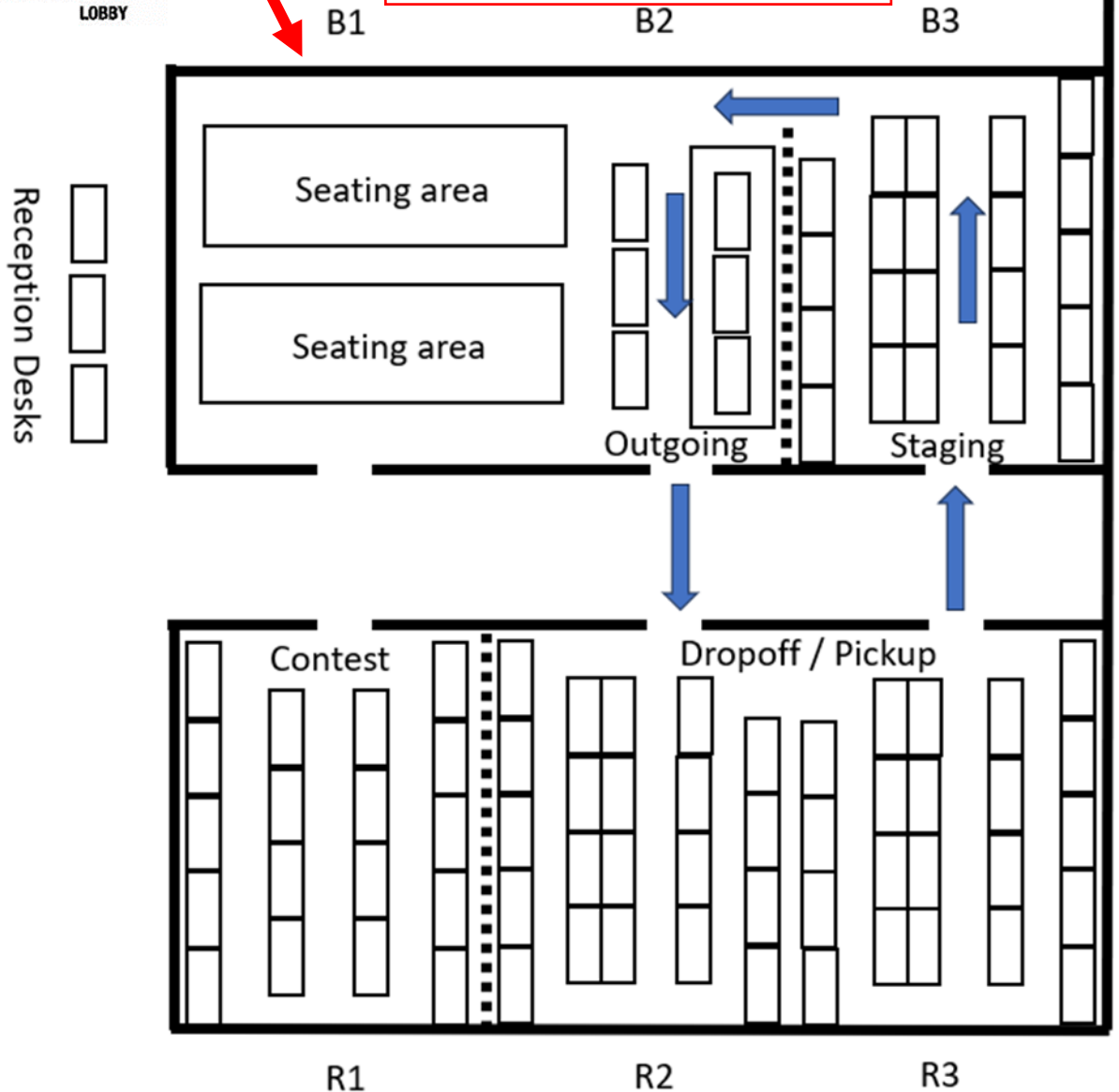
Displaying the items while they are being auctioned

Moving auctioned items to the storage tables

After Auctions: Help the auction winners collect their items

Handler volunteers, please contact Randy Anderson at rande10493@gmail.com

DETAILED HVRA CONVENTION SPACE AND AUCTION FLOW DIRECTIONS



2024 HVRA Convention Old Equipment Contest CategoriesAll displays should be at least 25 years old except where noted

Electronica is Electronic devices or technology, considered collectively (oxford)

1. Crystal Receivers and Related Crystal Equipment
2. Pre-1928 Battery Radios
3. Pre-war consumer radio equipment
4. Post-war Consumer radio equipment (tube and solid state) (at least 50 years old)
5. Ugly Radios (by design & those made worse by lame restorations)
6. Vintage Computers and Computing (at least 25 years old)
7. Collectible and Historical Electronica post- 1960, at least 15 years old (Examples include newer radio equipment, portable music devices, transistor radios, Solid state CRT TVs, unique electronics, etc)
8. Vintage / Antique Electronica Pre-1960 (Examples include Telephones, Telegraph, Scientific Test Equipment, Electrical Devices)
9. Tube type Televisions.
10. Kit Radios and Equipment
11. Hi-Fidelity Equipment
12. Amateur Radio Equipment
13. Military Electrical and Electronic Equipment
14. Special Convention Theme: Crosley and all items carrying the *Crosley* name
15. Components, including Vacuum Tubes
16. Open Display

2024 HVRA CONVENTION OLD EQUIPMENT CONTEST RULES

The official rules for the 2024 HVRA Old Equipment Contest are:

- All contestants must be registered for the Convention and an member in good standing.
- Previous displays winning First Place in the 2022 or 2023 contests may not be entered in the competitive categories of this 2024 contest. These items may, however, be shown as non-competitive displays.
- A contestant may have only two displays in any one category, but may enter any number of categories.
- A display is eligible for only one category *and failure to declare a category prevents competition.*
- Reproductions must be properly identified.
- All entries must be in good, clean, showable condition. Equipment that is entered in un-showable condition may be disqualified and removed from the contest in the judgment of the Contest Chairperson.
- The Contest Chairperson will determine the appropriateness of questions or issues regarding entries and any other rule interpretations.
- In case of a tie, the judges or Contest Chairperson may request a functional demonstration of the equipment.
- No fee will be charged for entering the contest.
- All entries must be in place no later than one hour prior to judging, on the day of the contest.
- Devices of foreign manufacture may compete in any appropriate category.
- Contestants must refrain from discussing entries with judges. If judges have questions pertaining to an entry, they will be voiced to the contestant through the Contest Chairperson.
- The Contest Rules may not cover all issues that arise in relation to the HVRA Old Equipment Contest. The Contest Chairperson has the discretion to make any decisions necessary in relation to Contest to insure a fair and orderly contest.

Questions about the contest at any time? Contact Tom Taylor, Contest Chairman, 281-229-2970 IHCRRally@Yahoo.com

2024 HVRA CONTESTANT INFORMATION

Dear Contestant: Please review this summary of our contest rules and guidelines that are printed on the back of this sheet and if you have any questions, please contact **Tom Taylor**, the Contest Chairman.

AWARD CATEGORIES: There are 16 contest categories this year. You must designate on your entry card what category you want to enter your exhibit in (for example, #5 Ugly Radios), and you can enter an exhibit in only one category. You can enter one or two displays in any one category. Each of categories will be given a First and Second place ribbon for the winner. We also have three additional categories you can elect to compete in for greater recognition including **Best Restorations, Vintage Equipment, and Artifacts and Collections**. You must designate on your contest entry card which of these three categories you wish to be considered for if you wish to compete. In addition, each person registered for the Convention can vote on the **Peoples' Choice** award and further each exhibitor can vote on the efforts of a peer for the Exhibitors' Award, worth \$50. Ballots for this purpose are available in the contest room. And finally, there will be a **New Contestant** award for the best exhibit from someone who has not entered our Convention contest previously.

HELPFUL HINTS FOR THE TOP THREE CATEGORIES: In the **Best Restorations** category the judges will consider the quality of your work along with documentation showing work done, before and after photos, schematics, history relevant to the radio, rarity, and the overall presentation. *We are looking for the best restoration entered in the contest.* For the **Vintage Equipment** category, the judging emphasis will include information about the history of the radio or manufacturer, how the equipment was acquired, rarity, photos, information about clean-up or refinishing, original ads and similar information. *We are looking for the overall best display of vintage equipment.* And finally, entrants in the **Artifacts and Collections** category can include vintage magazines, software, tubes, toys, signs, photos, fans, radio/tv clocks, books, dolls, boxes, uniforms, mannequins, advertising and similar material related to electronics, radios, and communications equipment. Judges will consider overall quality, information describing history of the items, rarity, how acquired, before and after photos and any other relevant information that help make a good display.

GENERAL INFORMATION: We will set up all exhibits in the 16 contest categories in the same display area as best we can. You can set up your display as you wish but the Contest Chairman reserves the right to adjust displays as may be needed to assist with limited space in some instances. Please be considerate of others who will also need space to display their items. If you have questions or concerns, see the Contest Chairman. **Be sure to fill out a contest entry card for each of your entries!!** The contest room will be LOCKED when the Contest Chairman or his designee is not present. When the room is LOCKED such as one hour before judging, NO ONE will be admitted. Judging will be conducted beginning at 9:30 am Saturday. NO ONE IS ADMITTED at that time. **The Decisions of the Contest Judges are FINAL!**

From The Seniorific News (Nov. Dec. 2023)

- *Christmas is the time when everyone gets Santamental*
- *When did my wild oats turn into shredded wheat?*
- *For real sponge cake, borrow the ingredients.*
- *Wrinkled was not one of the things I wanted to bewhen I grew up.*

Quotes Of The Day

- *"Either write something worth reading or do something worth writing"*
Benjamin Franklin
- *"If you want to live a happy life, tie it to a goal, not to people or things"*
Albert Einstein

HVRA 2024 Old Equipment Contest
Judge's Briefing

Dear Contest Judge: As you may know, our members will vote on a Best of Show award as well as Exhibitors will vote on the best Exhibitor award. We have several other award categories for you to help us judge. In addition to the first and second place awards for each of our 16 contest categories, we have three other awards: Best Restoration, Vintage Equipment and Artifacts & Collections. Each contestant will have designated one of these awards for his or her exhibit entry. Please review a copy of the handout we have provided to each contestant. It explains the awards in more detail with significant information about the criteria that will be considered for these new Top Awards. All of our contest rules are also explained in that handout. We also have a best New Contest Entrant award that you will judge.

We use a scoring system for our judging and our briefing will cover this in more detail. We recommend you first take a tour of each exhibit and display together as a group to discuss amongst yourselves the relative merits of the various entries. After that, you would go back and individually finalize your judging score sheets for each contest category. The contest chairman will follow the judging and later collect the score sheets. The Contest Chairperson will then take the score sheets and arrange for totaling the scores. The Contest Chairperson should work with the judges if necessary to resolve any ties in the scoring by majority vote of the judges.

Judging Criteria and Scoring for 16 Contest Categories: We have identified on your score sheet the following criteria for you to use in judging the first and second place awards in each contest category:

- Rare, Unique, Unusual or Interesting item(s)
- Condition or quality of the item(s)
- Documentation and/or Item descriptions
- Authenticity
- Presentation, Showmanship and Contestant Effort

Our scoring ranges are as follows:

- 0 Below Expectations
- 1 Minimum Acceptable
- 2 Average
- 3 Above average
- 4 Exemplary; rarely exceeded

Judging for the Best Restoration, Vintage Equipment and Artifacts and Collections awards:

Among the categories to be judged are the Best Restoration, Vintage Equipment and Artifacts & Collections contest entries. After you have completed your score sheets and determined the first and second place winners in each of the 16 contest categories, you should review the exhibit cards and your scoring sheet notations to determine winners for these three awards. Scoring is based upon the following criteria for each category:

Best Restoration: Quality of the restoration; information about electrical and/or cabinet or similar restoration as appropriate; before and after photos; restoration documentation; schematics; history and other relevant information; rare or unusual item; authenticity; working condition; and overall display.

Vintage Equipment: History of radio(s) or other items; manufacturer's information; how equipment was acquired; rare or unusual or unique item(s); clean-up or refinishing; original ads; photos; overall quality of the display.

Artifacts & Collections: This category can include a wide variety of radio and electronic items including magazine, software, advertising, mannequins, toys, tubes, fans, radio and TV clocks, novelty items, dolls, boxes, uniforms, and almost anything related to vintage communications equipment and the vintage era. Special consideration is given to the quality of the items; authenticity; how were the items acquired; rare or unusual items; documentation, history, and descriptions; and overall showmanship evident in the display.

Lastly, After completing your decisions about these three awards, please see your judging information for a list of the **First Time Entrants** and select a best entrant or display for this award.

Your decisions are FINAL. Thank you and don't hesitate to raise any questions to the HVRA Contest Chairperson.

HVRA 2024 ANNUAL CONVENTION REGISTRATION and MEMBERSHIP FORM

(For Questions Please Contact Ric Slater at info@hvra.org or call at 832-977-6111)

Last Name: _____ First Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: (____) _____ Ham Call: _____

E-mail: _____

All Bidders and Sellers Must Register and Be Active HVRA Members

Feb. 2 - 4, 2024 Houston Marriot Westchase	NUMBER	AMOUNT
Advance Registration: ** \$20 (Postmarked by 1/10/2024)		\$
On-Site Registration: ** \$25		\$
**Annual Membership \$20: (2/1/2024 – 1/31/2025) NEW		\$
**Annual Membership \$20: (2/1/2023 – 1/31/2025) RENEWAL		\$
Awards Dinner: Sat. Feb 3, @ 6:30pm <i>All guests pay for their own meal and gratuity will be added to each bill automatically. No speaker or Powerpoint for Awards</i>
<i>Sorry, No Dedicated Swap Meet Room Available Fri. or Sat. (see attached Schedule for Sun AM Swap Meet)</i>		
Grand Totals	\$

****Only One Registration Required Per Family (One Bidder Number)**

HVRA Commissions: Individual Sellers at 15%

Estates Sales Commissions Pending Pre-Convention Agreements

Buyers and Sellers Settlements at Conclusion of Each Day’s Auction Activities

ADVANCE REGISTRATION: CHECKS, PAYABLE TO HOUSTON VINTAGE RADIO ASSOCIATION (HVRA), or CASH MUST BE POST-MARKED BY Jan. 10, 2024 to:

HVRA, 2951 Marina Bay Drive, Suite 130, Box 168, League City, TX, 77573

ON-SITE: BRING REGISTRATION FORM AND CHECK/CASH TO CONVENTION

HVRA USE ONLY:

DATE RECEIVED: _____ **CHECK NUMBER:** _____ **CASH:** _____

REGISTRATION (BIDDER) NUMBER: _____ **CHECK DATE:** _____

4th QUARTER 2023 EVENTS

October 14 Hosted by EPO.



This Swap Meet and Auction event was well attended with plenty of swap items for everyone's appetite and an aggressive auction with several unique items and plenty of bargains.

Surprise attendee was HVRA members Jim Sargent, (center talking to Tom Taylor and Reid Shipp) from the Dallas VRPS, in Houston for a family event. Jim (VRPS Pres.) took the opportunity to remind HVRA of the VRPS Convention scheduled for Nov. in Dallas.



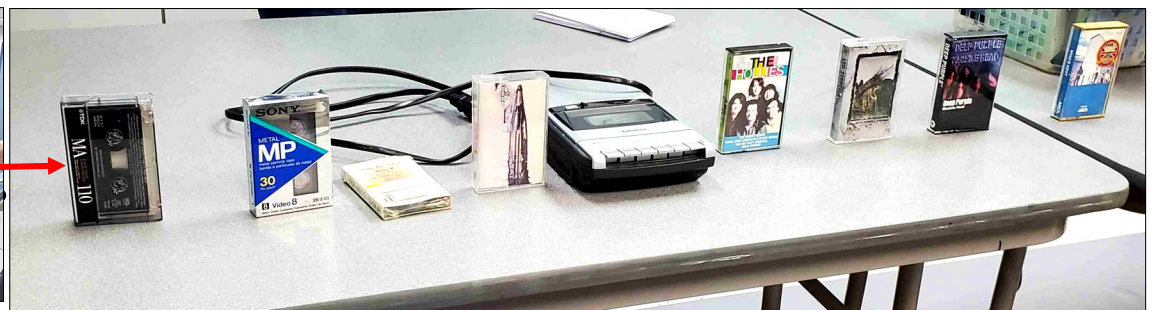
Good swap and auction opportunities



This was also the day of an awesome eclipse. David Herlinger (right) brought his filtered telescope to allow members, Jimmy Stewart, Phil So and Jim Angus, to enjoy the view, NOTE: remember to attend the Jan. General Meeting where David will provide a classic eclipse presentation.

THANKS CHRIS MACHA AND THE EPO STAFF FOR A SUCCESSFUL EVENT

October 28 General Membership Meeting. After our regular business meeting and before the auction, Stephen Truch discussed the collecting and preservation of vintage and modern audio tapes.



Your Place as a Ham (Part 2)

by Tom Taylor

So where do you go to find equipment and to meet others in their learning curve that want to operate as a ham? Hamfests! And where do hamfests take place as well as what are they? Searching the web for "Texas Hamfests" and you will attain the Amateur Radio Relay League, ARRL, list to pick from. Be sure then to look back to that site during the year for new or late listings. For those hamfests well away from this immediate area you might find the wife interested in surrounding shops or in finding a friend to go with who is willing to share the expenses. This author can say first hand that you can 'bag' a load of your needs at these hamfests because there is often a reason for the sale such as an estate being unloaded to ANY willing buyer. Bargains and skilled operators abound.

Typical attractions include the once a year spring hamfest in Rosenberg just south of Houston on US59. Other events have taken place in San Antonio, Orange, Huntsville, Baytown and Austin. However, the big one might be considered 'Belton' where the Temple Amateur Radio Club, TARC, resides {not to be confused with the Texas City Amateur Radio Club in the city sharing that acronym}. The Belton event occurs both in the spring and again in the fall where eager participants have made MANY a deal before sunrise! It's not uncommon to meet a lot of familiar faces and see trailer loads of gear showing up as well as hand trucks and scooters of goods moving out-bound during the day. If you have decided to become a ham radio operator you absolutely MUST do Belton at least once. Everything supporting the hobby shows up! Lastly you might consider the 'Cowtown' hamfest event in Ft Worth and stay at the historic hotel Texan in the stock yards. Thank me later.

For those that would like to learn the morse code but need an aid there are electronic devices that plug into the transceiver audio jack and display received characters in text form streaming across an LCD screen. There are also devices that store frequently used morse encoded words that can then be sent as a stream to the transceiver and out once selected by the operator. If you should want to test the output of a transceiver without intentionally transmitting a signal, a power resistor (preferably non inductive) can be used in place of an antenna. In that application it is called a 'dummy load' and you should know that a little signal can still be radiated when using it instead of an antenna. Should you want to visually watch or analyze that signal there are Cathode Ray Tube, CRT, monitors that can be inserted in the coax feed to either the antenna or the dummy load.

Any attempt at teaching the basics of 'ham' or 'amateur' radio should start with some term definitions such as frequency and wavelength. These two are directly related to one another by a constant 'C' which is 300,000,000 meters/second. When you are given the frequency you have been given the wavelength, because frequency X wavelength = 300,000,000. Recall that some of our early AM broadcast band radios used dial numbers denoted in wavelengths? With this relationship in mind you can better understand why the high frequencies, HF, around 1.8, 3.5, 7.3, 14.2, 21.3 & 28.3 MegaHertz AKA MHz

are equated to wavelengths of 160, 80, 40, 20, 15, and 10 meters AKA mtrs respectively the last of which is currently the nomenclature used on front panels of ham equipment.

Since the meter is really a measurement of length it should be no surprise that resonate antennas for a given frequency are made by cutting a wire to near that length OR for convenience about a $\frac{1}{4}$ fraction of that length. In other words, a wire antenna for 40 meters is about 33 feet long either side of the feed point. BTW, it's no accident that all those HF frequencies are nearly multiples of one another. By releasing a segment of frequencies with those approximate center points, the Federal Communication Commission, FCC, put in place the condition that the harmonic of poor signals in one band would primarily be heard to a lesser degree in an upward multiple of that band thereby keeping dirty laundry of the hams in their other frequency allocations. They were then not likely to be heard in other assigned band segments which might be military, or commercial or even allocated to foreign stations that have broadcast time slots during their night which would be our day periods. Early transmitters of the 20s and 30s using morse code as a broken tone referred to as a continuous wave or CW had a great deal of frequency shifts about its intended center point as well as sound irregularities like chirps, clicks and warbles. Those signal annoyances interrupt vital communication on nearby frequency allocations which can be dangerous or result in an official FCC citation. If you should want to hear those unique yet troubled signals you need only tune in the CW or low portion of bands during certain antique and classic radio contests that favor use and restoration of antique pieces. There are few better contests for this treat than the Bruce Kelley 1929 QSO Party contest or ARRL 'Classic' radio contests that take place once or twice a year. Another event sponsored by the American Wireless Association, AWA, draws in many of the antiques allowing operators to acquire points for working one another. Manufacturers of most all equipment available these days pride themselves as sources of pure CW notes and can even clean up imperfect morse spacing in your attempts at sending clean CW characters.

Contests exist during the year to satisfy nearly every interest for selected or for all modes, for low power or for levels up to a legal limit around 1500 watts for HF. That's right. Knock your hole in the ether with legal gear reliant upon house 220 VAC using antennas that might agitate your neighbor for that two way into points within Europe or the south Pacific. Contests for the upcoming month can be found on the ARRL web site OR in their publication, the QST, under its title, Contest Corral. If ever you tune in to a ham band and hear nothing near a weekend you can bet your best coffee cup they are getting ready at the starting gate to catch as many stations as possible in an approaching time period. If you are interested in hearing such a beehive of activity be sure you know Greenwich Mean time AKA Zulu relative to your local time because that focal is universally accepted for event synchronization.

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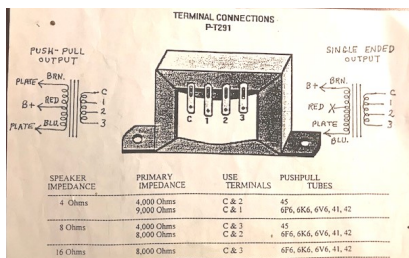
**Continued from page Your Place as a Ham (Part 2)
by Tom Taylor**

One contest is even dedicated to bouncing VHF signals off the moon for a short exchange with another ham across the world. That contest is called EME for earth moon earth and generally requires multielement yagi antennas, good timing, RF power amplifiers and patience. Still another fine opportunity to use the VHF and UHF frequencies is to talk live with a crew of the International Space Station, ISS, or to bounce signals through passing satellites launched just for that task. ISS and satellite linkups however are for the most part via an exchange where the uplink is one frequency and the downlink frequency is another. When doing this you need a 'cross link' transceiver and expect to shift your frequency slightly as the satellite comes into and out of view ie. towards the horizons one way then the other. This is due to the doppler effects caused by significant distance changes as the satellite nears that horizon. Most all these links just mentioned are using the SSB mode of operation. However, it is possible to use your laptop in conjunction with your transceiver to transmit digital mode signals your friend just down the road could not hear on his receiver that is being decoded by software at an operator's station on the opposite side of the earth. That operator in turn sends his response in a similar way which is decoded by software downloaded to your laptop so that his text streams across your screen virtually real time. What a kick.

I hope you have found here that there is an endless list of possibilities to challenge yourself at a modest budget and step into competition with others now in their learning curve. If you can accept in your winter or next overheated summer timeline a little competition with peers you might later meet at a hamfest, THIS IS your gig!! The reward can only be attained when you take steps like these.

**Universal Output Transformer
by Bill Werzner**

This universal output transformer is rated at 8 watts and sold by Antique Electronics Supply in Tempe, AZ. I have used this transformer in many repairs and it's performance was excellent. It is versatile, not expensive, and this old copy of an original hookup diagram includes some of the earlier tubes we find in vintage radios. The newer diagrams that I have seen omit the 45, 41, and 42 tubes. I recall using this transformer as output a number of years ago for a 71 triode, but don't remember which of the lugs I wired to the speaker. To do it over, I would simply attach one wire to terminal C and select one of the three others using alligator clips for the best sound. The same technique would apply for some of the more modern unlisted output tubes as well.



Coming to the Convention from David Herlinger

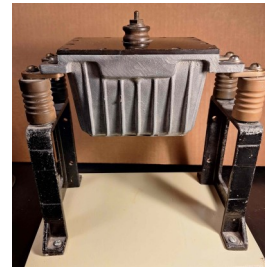


Dublier Mica Spark Transmitter "condenser" mounted on standoff insulators. Rated at .004MFD at 12,500 Volts (circa 1917)



RESERVE: \$75

Brentwood Rotary Quenched Spark Gap



RESERVE: \$75

Keystone K100 8mm Projector in mint condition. Runs perfectly forward and reverse with still frame capability. 500 watt lamp works. (circa 1950s)



Century Brand, 100+ years old single phase motor. (Last Patent Date: 1903) Has been lubed and tested.



RESERVE: \$25

Buy, Sell, Trade, & Services Offered

WANTED

Wanted: Atwater Kent Model 36 radio with matching type "Y" power supply in working condition. Will purchase either early or late versions (or both if available).

Wanted: Atwater Kent Model K speaker in working condition. Jerry Sirkin 281-844-4124; gsirkin@aol.com.

I am trying to help others by providing a service that will help those who are trying to acquire items that have become no longer or un-sourceable. As I would like to help build a collection of items that can help you to return a radio back to a working condition. If you are needing an item that is needed to complete a radio maybe I can CAD design, and 3d print it. Currently I have 21 items listed on the website, and have been printed and used on radios like, Bulova, Grebe, RCA, Philco, Delco, Silvertone, Tempo-Tone, and others. There are more items but I have not added them. I do not intend to be in competition with those to sell knobs as a business but I have also created about 100 knobs which are not posted, but will provide a list to those who are interested. Some items can and some cannot be reproduced, but I am willing to try. If we are successful in creating an item, I will when offer for sale on my website.

Ron Carroll (lottaradios@gmail.com)
Lott, Texas

NOTICE TO HVRA MEMBERS

2024 will mark the 50th Anniversary of the Vintage Radio and Phonograph Society located in the Dallas/Ft. Worth area.

Please check VRPS.org for information regarding their celebratory event and support their organization.

SERVICES OFFERED

Vintage Sounds

Vintage Sounds is located in the Market Place Antique Center, 10910 Katy Freeway, Houston, they service and repair vintage phonographs, radios, telephones, in addition to selling phonograph records, radios, phonographs, telephones, vacuum tubes, books, light bulbs, parts, and so much more. Open Friday, Saturday, and Sunday 10 AM - 6 PM. HVRA members 10% discount on radio items. (713) 468-4911 www.vintagesoundshouston.com

Borden Radio Company website: <http://www.xtalan.com> Antique Radio Schematic Service included in web-site. Crystal radio kits for sale. (281) 620 - 6692

Sargent Auction Service: www.sargentauction.com, Jims@sargentauction.com Jim Sargent, WA5QBR, Auctioneer, TX license 16135 Location: 200 Thomas Road, Granbury TX 76049

Allen Speaker Service: Speaker re-coning and repair, 919 W.19th St. Houston, (713) 862-2747.

Tom Granger Restorations, radio and phono cabinets. (281) 338 - 8277 (www.tomgranger@mac.com)

Ace Electronics: 3210 Antoine Drive Houston, TX 77092 713-688-8114 (www.ace4parts.com)

Electronic Parts Outlet (EPO): 3753 B Fondren Rd Houston, TX 77063 713-784-0140 (www.epohouston.com)

Electronic Supply Company of Texas City 1524 Texas Avenue, Texas City. 800-451-7532; 409-945-4401; www.electronicssupply.com

Every nature of major brand wire and associated interconnects for data for video/audio signal transfer; handheld instruments for troubleshooting and process monitoring as well as both digital and analogue panel instruments; Unique items include the Fox n Hound Circuit Tracer, Insulation Tester, IR Thermometer, RTD measurement and communications diagnostic; variable lab quality power supplies for the bench and fixed voltage for remote location.

Lonesome Frog Records Market Place Antiques 10910 Katy Freeway #208 Houston, TX 77043 Bill Syrell, Owner 832-724-0634; wsyrell1@gmail.com

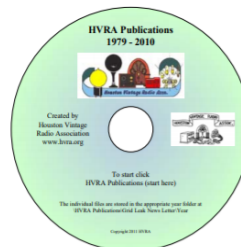


Vintage and Pre-owned Stereo Equipment
<https://soundsgoodtomehouston>

Sitting at home with nothing to do? Are all of your restoration projects completed? Do you still have questions about difficult electrical repairs to your prized radio(s)?

Well, fear not Mr. Collector. The HVRA CD - ROM awaits your attention. Indexed for easy use and filled with 31 years of HVRA Grid Leak articles your answers and vast amounts of general vintage radio information is just a small investment away. Each CD is \$10

Please contact Ric Slater, HVRA Historian and you will be rewarded with more information than one man should ever know.



Houston Vintage Radio Association
Introduces

HVRA Publications 1979 - 2010

This DVD captures 32 years of HVRA and radio related historical information that may be used for research, finding technical or how to articles, or just reminiscing about old friends or past HVRA sponsored activities.

Menu driven
Approximately 300 HVRA Publications in PDF format
Over 650 articles in 4 pre-sorted lists

A matrix that allows the single click access to any HVRA Publication
Each article, in the sorted lists, includes single click access to the individual HVRA Publication that contains that article.
Single click access to The History Of HVRA For The First 20 Years

Texas Broadcast Museum: 416 E. Main Street in Kilgore, TX.
Phone:903-984-8115.

There are hundreds of pieces of vintage paraphernalia related to radio and TV broadcasting.
Admission is \$6.00 (\$5.00 for seniors and military vets).

Edington Family Museum of Atwater-Kent Radios: 550 Roosevelt in Silsbee, TX. Please contact Jimmy Edington for appointment at 337-476-4328 (atwaterkentsrus@gmail.com). Jimmy, a long-time collector and original HVRA member, has re-purposed a beautifully restored hotel to display his outstanding collection of Atwater-Kent radios and related products. See his website, www.atwaterkentsrus.com.

More Radio Clubs

Delaware Valley Historic Radio Club www.dvhrc.com

Oklahoma Vintage Radio Collectors (OKVRC) President: Jim Collins, PO Box 50625, Midwest City, OK jcradio@cox.net; \$15 annual dues. Monthly meetings, annual show.

Antique Radio Club of Illinois (ARCI) www.clubinfo@antique-radio.org

Collins Radio Association (CRA). David Knepper, PO Box 34, Sidman, PA 15955. No dues. www.collinsra.org

Michigan Antique Radio Club (MARC). Don Colbert, MARC, Pub: The Michigan Antique Radio Chronicle, quarterly. Dues: \$20. membership@michiganantiqueradio.org. Annual Extravaganza and other quarterly meets.
www.michiganantiqueradio.org

New Mexico Radio Collectors Club (NMRCC). Monthly newsletter and members meeting (with flea market, auction and theme program). Dues: \$20. For more information contact John Anthes, jjpanthes@comcast.net Club website: <http://newmexicoradiocollectorsclub.com>

Texas Antique Radio Club (TARC), Doug Wright, Canyon Lake, TX. wrightdouglas70@yahoo.com

Vintage Radio and Phonograph Society (VRPS), Dallas / Ft. Worth, TX. George Potter
vrps@sbcglobal.net, website: www.vrps.org

Texas Panhandle Vintage Radio Society (TPVRS). Contact: Elroy A. Heras, 4086 Business Park Dr., Amarillo, TX 79110

Canadian Vintage Radios Society (CVRS) Contact Gerry O'Hara
226 Dallas Road Victoria V8V1A5 Canada (gerrycohara@gmail.com)
604-671-6062; CVRS Website: canadianvintageradios.com



WEBMASTER WANTED

HVRA is looking for a Webmaster to manage the HVRA webpage (www.hvra.org). Please contact Joe Gernand or Steve Scheel for additional information at info@hvra.org

REMINDER

NEW HVRA MAILING ADDRESS

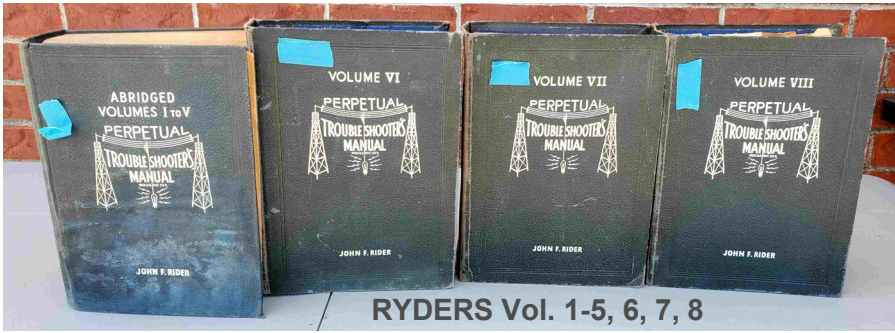
HVRA
2951 MARINA BAY DRIVE
SUITE 130 BOX 168
LEAGUE CITY, TEXAS 77573

Coming to the Convention from the Mike Mon-sour Collection:

- *Chinese Transmitters*
- *Japanese Field Test Unit*
- *Russian Transistor Radio (works well)*
- *10 Amp Variac*
- *Tube Testers (several)*
- *Megar Field Unit*
- *HP Oscillator Model 2048*
- *Kenwood Dual Baner TM-D700 Data Communicator with Modem*
- *Misc. Nikon Cameras and Parts/Manuals*
- *Sencore Cap/Ind Analyzer Model LC 53*
- *Frequency Analyzers*
- *Signal Generators*
- *ICOM 7200 Transceiver HF 50mh with mounting bracket and manual*
- *Many ARC5 radios and other WW II military aircraft communication equipment.*

These listed items and more will be described with photos in future manifest updates.

Coming to the Convention as a Donation from the John Trow Collection (and more)



ATWATER KENT MODEL 40



ATWATER KENT MODEL 55



Coming to the Convention as a Donation from the John Trow Collection (and more)

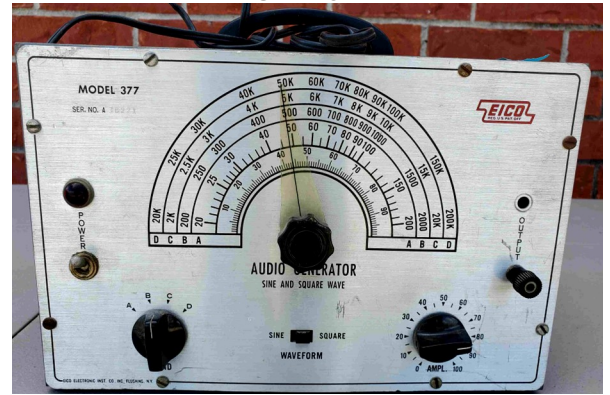
**HEATHKIT SIGNAL GENERATOR
MODEL SG-8**



**EICO SIGNAL GENERATOR
MODEL 324**



**EICO AUDIO GENERATOR
MODEL 377**



**NRI PROFESSIONAL
SIGNAL TRACER MODEL 34**



SUPREME TUBE TESTER MODEL 599



**TRIUMPH OSCILLOSCOPE
MODEL 841**



READRITE TUBE TESTER WITH ADAPTERS



SUPREME TUBE TESTER MODEL 589



SUPREME TUBE TESER MODEL 550



B&K DYNA-QUIK TUBE TESTER