



The Jersey Broadcaster

NEWSLETTER OF THE NEW JERSEY ANTIQUE RADIO CLUB

September 2017

Volume 23 Issue 9



MEETING/ ACTIVITY NOTES

Reported by
Marv Beeferman

The ON-LINE Broadcaster

The *Jersey Broadcaster* is now on-line. Over 150 of your fellow NJARC members have already subscribed, saving the club a significant amount of money and your editor extra work. Interested? Send your e-mail address to mbeeferman@verizon.net. Be sure to include your full name.

Thanks again to Alan Wolke for his excellent presentation last month on the basics of analog meter movements. Based on the number of questions asked at the end of the talk, it was enthusiastically received. Alan covered a host of topics including meter history, types of meter movements, determining a meter's "health" and how to repurpose a meter. Alan also provided the following link to programs for making precision scales for d'Arsonval analog meters:

<http://tonnessoftware.com/meter.html>

Alan's talk came about the same time that the meter for my TV-7D/U tube tester bit the dust, so it was very apropos. Prices for these meters are extremely high (if you can find them) but, as luck would have it, I found a new replacement for sale from Korea at a reasonable price. Considering the cost of a TV-7 in excellent condition, \$60 wasn't a bad price. However, as a backup, an article on the web described how to substitute a digital meter for about \$15 using the concepts that Alan described. Hopefully, there will be enough room in next month's *Broadcaster* to describe this substitute.

To get an early start on planning for our Holiday Party and 25th Anniversary celebration, a reservation response form is included in this month's *Broadcaster*. It is highly recommended that you send in your response as early as possible since



MEETING NOTICE

The next NJARC meeting will take place on Friday, September 8th, at 7:30 PM at InfoAge. Directions may be found at the club's website (<http://njarc.org>). This month's topic, "New York Radio after Television" will be presented by member Charles Blanding. As Charles describes it: "The arrival of television in the late 40's delivered a crushing blow to New York radio. Hear how the New York stations and networks re-invented themselves to survive and actually thrived in the end. Some interesting audio clips and air checks will accompany the lecture." We'll also have a small auction of items from the Castino estate - see page 6 of the Broadcaster for details.

we expect a good turnout of members wanting to take part in all the planned activities associated with toasting our 25th year - and only 70 slots are available. It might also be a good time to start considering your entry in our Mystery Grab Bag instead of wrapping up whatever is lying around at the last minute.

While accepting the Antique Wireless Association's Houck Award for Preservation awarded to the club's Radio Technology Museum (see page 3), member Bill Zukowski was able to meet a radio collector from Kurdistan - Abdulkhaleq Alqadhi. He has an interesting story and we hope to carry it next month.

If you visited InfoAge lately, you'll notice that the Camp Evans Base of Terror (CBOT) Halloween show is beginning to take shape. This is a major fundraiser and help is needed in various categories (ticket takers, ticket sales people, etc.). The event runs from September 29th through October 28th. If you are interested in helping, even if it is just for one night, contact Ray Chase at raydio862@verizon.net and he'll fill you in with all the details.

There's been quite a bit of activity at the club's Vintage Radio Workshop over the last month with all workbenches being filled. Dave Sica has got the museum's vintage projection TV up and running and Max Theis is working on cabinet restoration, some consoles are now up and running in the museum, Don Irish has been hard at work building splitters so more radios can be connected to the museum's content distribution system, Paul Hart has run a distribution cable to

the workshop and we now have a source of content to test our radios with, your editor has made available three tube testers in addition to the Hickok now in use, and we continue to check out and add to our test equipment inventory. Recently, we received a donation of a constant amplitude signal generator. *Broadcaster* space was at a premium this month but we hope to cover these stories in more detail in the October issue.



Final assembly of the projection TV takes place at Vintage Radio Workshop.

Upcoming Events

- September 15th & 16th - Kutztown antique radio swapmeet
- October 13th - Monthly meeting at Princeton; Mike Molnar presentation "V. Zworykin - The Lost Interviews"
- October 28th - NJARC Fall Swapmeet at Parsippany PAL
- November 10th - Monthly meeting at InfoAge; Show & Tell, Hints & Kinks
- November 18th - Fall Repair Clinic at InfoAge
- December 16th - Holiday Party at West Lake Country Club; 25th Anniversary celebration

THE JERSEY BROADCASTER is the newsletter of the New Jersey Antique Radio Club (NJARC) which is dedicated to preserving the history and enhancing the knowledge of radio and related disciplines. Dues are \$25 per year and meetings are held the second Friday of each month at InfoAge or Princeton University.

The Editor or NJARC is not liable for any other use of the contents of this publication.

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THE NEW JERSEY ANTIQUE RADIO CLUB

TWENTY-FIVE YEARS AND COUNTING

By
Marv Beeferman

For the last two month, in celebration of our 25th anniversary on July 16th, 1992 and to chronicle the NJARC story, we presented a history of the club's major events up to December 2012. With this issue of the Broadcaster, we cover the years January 2013 thru December 2016.

January 2013: Club holds first "basket case" radio contest. RTM participates in Ocean Township Elementary School/PTA Science Fair.

February 2013: Dues raised to \$25. Ray Chase and Harry Klancer give a multimedia talk, "Radio Broadcasting in America - New Jersey Edition" at East Brunswick library. East Brunswick Historical Society calls talk "best library event that the society had ever sponsored." Unexpected turnout required additional seating.

April 2013: Member Al Klase creates "Radio Map" project. Harry Klancer and Ray Chase present "History of Radio" to Scotch Plains/Fanwood Historical Society. Armstrong plaque, with generous donation from NJARC and verbal support by Richard Lee, approved by Yonkers City Council to be mounted at Greystone train station. Large radio/electronics auction held at InfoAge - rare Emerson two-faced radio and clock sells for \$3750.

May 2013: Robert Forte and Ray Chase visit Hugo Picciani in Brooklyn.

July 2013: Al Klase revitalizes NJARC tube program. "Armstrong Day," organized by Al Klase, celebrates 101st anniversary of the development of the regenerative radio circuit by Edwin Armstrong (postponed originally because of hurricane Sandy). Township reviews plans for hurricane Sandy recovery at InfoAge. Ray Chase and Harry Klancer present "History of Radio Broadcasting" to Dover Historical Society.

August 2013: InfoAge gets new main power transformer replacing one lost to Sandy. Club acquires "boxed" WS#19 MKII military receiver. Al Klase and Robert Forte lecture at InfoAge's 4th annual WWII weekend.

October 2013: NJARC supports 75th anniversary of War of the Worlds broadcast at David Sarnoff Library. Hugo Picciani donates a majority of his radio collection to InfoAge; placed in storage. Ray Chase is instrumental in saving SCR-271 radar shack. RTM supports "Base of Terror" Halloween attraction at InfoAge with "mad scientist" laboratory. Ray Chase and Harry Klancer present History of Radio Broadcasting at Lawrenceville library.

January 2014: Group of NJARC members brave the cold and snow to raise a glass to the 100th anniversary of the historic Armstrong-Sarnoff meeting at the Belmar station. RTM and Al Klase sponsors a display at the Ocean Township Elementary School Science Fair.

February 2014: Al Klase demonstrates regeneration to InfoAge visitors in celebration of historic Armstrong-Sarnoff meeting at InfoAge (Belmar station).

March 2014: Radio astronomer, physicist and Nobel Prize recipient Joe Taylor addresses NJARC regarding computer programs and communication protocols associated with weak signal communication. SCR-583 radio set donated to RTM. Member Rob Flory donates working TBX "Code Talker" radio to Marine Corps.

May 2014: Al Klase and RTM supports "Reid's Radio Project."

June 2014: Princess Elettra Marconi Giovannelli (daughter of Guglielmo Marconi) visits InfoAge and RTM. Hugo Picciani donation moved to InfoAge from storage. Ray Chase, Harry Klancer and your editor bring History of Radio Broadcasting presentation to "The Ponds" in Monroe, NJ.

July 2014: With help of member John Dilks, RTM acquires SCR-268 receiver BC-406A.

August 2014: NJARC supports WWI centennial at InfoAge and fifth annual WWII weekend.

September 2014: Dave Sica begins posting past Broadcaster issues on web page. Holiday Party moved to Freehold Elks.

October 2014: Ray Chase and Harry Klancer present History of Radio Broadcasting to Seabrook Village. AN/PPS-5D GSR radar discovered in shipment from Aberdeen - "fired up" at InfoAge.

December 2014: Remainder of Bill Corkutt's "homebrew" collection donated to RTM.

January 2015: NJARC and RTM provide "The Evolution of Radio in the Home" display at Monmouth University.

March 2015: RTM sponsors vintage radio exhibit at Middletown Public Library in support of New Jersey's first Makers Day.

April 2015: Member Richard Hurff ("Mr. Majestic") passes. National Park Service unveils Camp Evans National Historic Landmark plaque on 55th anniversary of TIROS.

July 2015: Member Ben Tongue passes.

August 2015: NJARC supports WWII Weekend/VJ Day 70th anniversary at InfoAge.

December 2015: Holiday Party moved to West Lake Golf & Country Club.

April 2015: Work begins on Vintage Radio Workshop; "scavenger hunt" held in Marconi Hotel basement offering residue from former "E" (repair) shop. Dave Sica adds RCA TK-10 television camera display to RTM. Large radio/electronics auction organized by Ray Chase held at InfoAge.

June 2015: Workbench Contest results: Most organized workbench honors go to Dave Dean and most cluttered workbench honors go to John Ruccolo.

July 2016: Founding member Jerry Simkin passes. As the result of a move, member Pete Olin donates part of his collection to the RTM. Honorary NJARC member Ludwell Sibley nominates RTM for AWA Houck Award for historic preservation.

August 2016: Member Bob Haworth invites NJARC members to help "thin out" his collection in a mega cleanout. "What's in Your Collection" and "Museum Musings" columns begin in Broadcaster.

December 2016: Vintage Radio Workshop opens for business.

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Well, here we are in 2017 and we've reached the anniversary of our 25th year. As most of you can see from this short summary of the history of the club which we carried in the *Broadcaster* over the last three months, we've accomplished quite a bit. There was probably much that was left out, but I hope that you've gotten at least a flavor of all the great work that the club has achieved in preserving the artifacts and history of our hobby. And, most of all, hopefully you've had a lot of fun in participating in this journey and hold fond memories of a bunch of guys and gals just getting together to share their knowledge and friendship.

Our thoughts and prayers go out to those who are no longer with us and who have helped us along the way. We are grateful to our club officers, both past and present, who unselfishly devoted their time and effort to make the NJARC a truly respected club in the antique radio community and to keep it strong and healthy throughout the last 25 years. But most of all we acknowledge a fantastic membership, without whose support and gracious understanding during those occasional road bumps, will smoothly carry us through the next twenty-five years.

Marv Beeferman
Broadcaster editor

NJARC'S RADIO TECHNOLOGY MUSEUM PRESENTED WITH HOUCK AWARD

By
Marv Beeferman



As noted in last month's *Broadcaster*, based on the nomination and a persistent campaign by honorary member Ludwell Sibley, the NJARC Radio Technology Museum (RTM) at InfoAge has been

awarded the Antique Wireless Association's (AWA) 2017 Houck award for preservation. Named in honor of radio pioneer Harry Houck, the award recognizes the acquisition, preservation, and documentation of an outstanding collection of electronic communication artifacts by an individual or group. (The collection may focus on a specific class of device, particular time span, a certain country of origin; or may be unlimited in scope.)

Accepting the award for the NJARC at the AWA Convention's awards dinner on August 18th was trustee and member Bill Zukowski and members Dave Snellman and Jon Kummer. Bill read the following comments provided by club president Richard Lee:

"Greetings fellow enthusiasts! The New Jersey Antique Radio Club is proud to accept the AWA Houck Award for Preservation. We give thanks to author and founding NJARC member Ludwell Sibley for nominating the NJARC for this prestigious award, and, of course, we give thanks to Felicia Kreuzer and the Awards Committee for their unanimous decision."

"Since our inception on July 16th, 1992, the NJARC's mission, as per our constitution, has been to preserve, promote and educate our membership and the general public in the history and repair of electronic communication devices...hoping that antique radios, transmitters, televisions and phonographs will live on to amaze and inspire future generations of enthusiasts."

"Our club's founding president, Tony Flanagan, now sadly deceased, had a dream of establishing a museum of member's collections, open to the public. That dream came to fruition, first as a small cottage on the former grounds of Camp Evans in Wall, New Jersey and then to what is now known as the New Jersey Antique Radio Club's "Radio Technology Museum" at the InfoAge Science History Learning Center, with the appropriate address of 2201 Marconi Road. Our current Radio Technology Museum building sits within the parameters of the original 1914 Marconi Transatlantic Wireless Station and opened its doors to the public on September 2006."

"Easier said than done, the RTM could never have been built without the dedication and fortitude of the NJARC membership. Especially of note is NJARC trustee Ray Chase. Ray is the museum's intrepid curator and liaison between the NJARC and InfoAge. Ray, along with a committee of NJARC member docents spend countless hours touring visitors and planning the future expansion of our Radio

Technology Museum."

"Please allow me a few words about Harry Houck, the namesake of this award. With those not familiar with Harry Houck, the radio pioneer, I strongly suggest you investigate, as I have, his long and fascinating career in radio and telecommunications - from his co-development, in 1922, of the second harmonic superheterodyne receiver with Major Edwin Armstrong - to his inventing a "B" battery eliminator while at the Dublier Condenser Co. - and on to owning Measurements Corporation of Boonton, New Jersey - and all that, and more, in just the first half of his life!"

"Again, I want to thank all those involved in nominating, approving and accepting the NJARC's AWA Houck Award for Preservation. The award is a timely tribute to the NJARC's 25th anniversary in 2017. I look forward to a prosperous longevity for the Antique Wireless Association and the New Jersey Antique Radio Club and Radio Technology Museum."

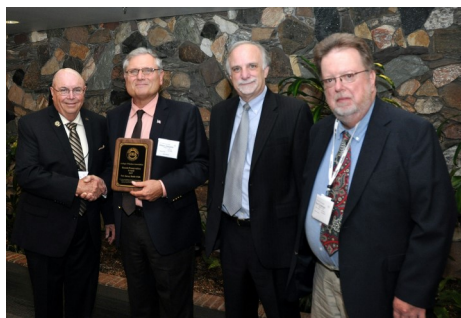
"Sincerely yours, Richard Lee - president of the New Jersey Antique Radio Club and AWA member."

In a posting on August 19th, member Ray Chase noted the following:

"Thanks to the efforts of Felicia Kreuzer, the AWA awards chairperson, and the magic of telephone, I was able to address the AWA convention at the awards dinner last evening and participate in the acceptance of the Houck award for the NJARC and the RTM. Bill Zukowski and Dave Snellman accepted the award in person at the ceremony. This acknowledgement is a "feather in the cap" for all the individuals who have labored for the past 15 years to bring the Radio Museum to the point where it is today. Thanks and congratulations to all."



NJARC members Jon Kummer, Dave Snellman and Bill Zukowski await the Houck award presentation at the AWA awards banquet.



Bob Hobday, Deputy Director of the AWA, congratulates Bill Zukowski and club members representing the NJARC.



The Houck Preservation Award: we'll have to wait to take possession until an obvious correction is made.



Bill Zukowski reads the award acceptance speech provided by president Richard Lee. One of our museum's board members, Ray Chase, also called in his comments and appreciation.

REPAIR CLINIC CHALLENGES OUR "EXPERTS"

By
Marv Beeferman

Summer activities usually cut into the attendance level at many functions and it was no different for our August repair clinic at InfoAge. However, enough "experts" showed up, including your editor, to make it a successful day for many tired, old radios. (I really don't consider myself an expert - rather more of an advisor and "bagel purveyor.") Here's a summary of the day's events:

- **Len Newman** and your editor worked on an 1928, RCA Radiola 62 in very clean condition except for an unfortunate problem. The radio was recovered from an estate sale in New Jersey and originally belonged to a family of musicians. The consignor received it for sale and connected an AC power cord to both antenna connections and plugged it in. When nothing happened, he unplugged it but the damage was already done. The antenna resistor and all eight surrounding harness wires were "fried" and totally devoid of insulation.

Len replaced the resistor and restored affected sections of the harness by splicing in lengths of new #20 gauge wire and further insulating them with heat shrink. (The following Wednesday, Len brought the radio to our Vintage Radio Workshop at InfoAge and the power supply was found to be fully functional.)

Your editor, working on an inoperative TV-7D/U tube tester, determined that the meter was bad. Obtaining a replacement and some related information concerning its 83 mercury rectifier will have to wait for a future *Broadcaster*.

- **Matt Reynolds and Dave Sica** worked on Matt's grandmother's TV. The duo went through a typical chain of restoration and troubleshooting steps:

- 1-All capacitors were changed out.
- 2-During the first power-up, the dim-bulb tester required a 150-watt bulb. All went well with both 5V4's and horizontal output tube pulled. When replaced, the TV had a high voltage of 8 KV, a raster, no picture, no synch and no sound. With the dim-bulb tester removed, HV went to 12 KV.
- 3-The audio output tube passed weak sound but the amplifier did not. A dead audio amp tube was discovered, replaced and the TV passed an audio test.

4-The tuner's mixer-oscillator didn't seem to be working; a replaced tube provided the proper scope waveform.

5-The RF amp tube was found almost dead and replaced.

Matt noted that "this set has been driven into the ground" and most tubes are probably worn out." Work will continue with testing and replacing remaining suspect tubes.

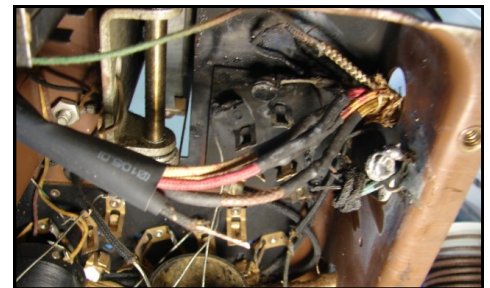
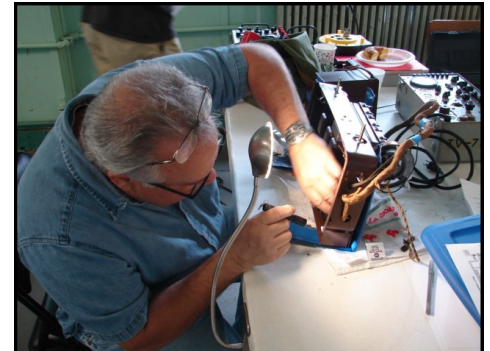
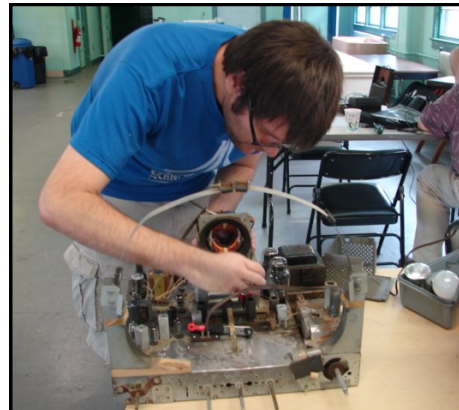
- **Chris Pistilli and John Ruccolo** worked on a Philco 40-217 "Mystery Control" radio. All paper caps and a brittle wire were replaced while testing continues.

- **Bill Inderrieden** repaired the filament range switch on his Superior TV-12 tube tester. He also started the restoration of a Philco 46-431 by checking its tubes and starting the re-cap process.

- **Bob Bennett** worked on owner Tim Walker's Crosley 10-135; it only required inspection and alignment to get it running. He also began a recap of a 1961 Channel Master 6515A "Super Fringe" transistor radio owned by Phil Vourtsis. Finally, Bob evaluated a "squealing" 1942 Philco AM/SW model 42-340 owned by Dennis Petti and replaced the 7B5 tube. The radio still needs a complete recap and further work.

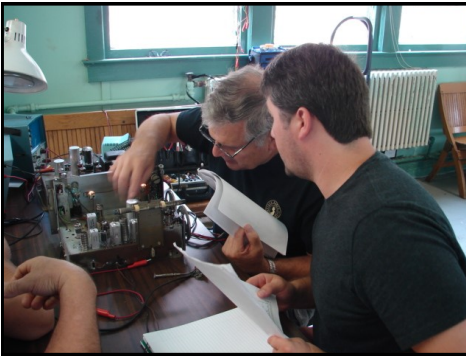
- **Joe Divito and Charles Blanding** attacked a 1947 Sonora RGMF-212 radio/phono combination that first exhibited no sound. Poor connections were discovered on the 3JW4 rectifier socket and the wire to the audio output transformer on the 5UB5 was shorting out. The connections were repaired but the sound remained distorted. The volume control was sprayed and sound began to return to normal but the speaker sounded "fuzzy." This was traced to two tears in the speaker cone that were repaired and sound quality was restored.

- **Bill Zukowski** worked on Dawson Carson's 1969 console receiver and power amplifier which exhibited intermittent operation. Problem was traced to a loose tube in its socket and a filament wire not soldered to one tube (probably a factory error).



The result of mistaking a radio's antenna terminals for the AC power input. Len Newman (above) corrects an amateur's mistake.





**CASTINO AUCTION
SCHEDULED FOR
SEPTEMBER MEETING**

Thanks to the continuing efforts of president Richard Lee to add a little excitement to our monthly meetings, some "gifted" items from the estate collection of Richard and Diane Castino of Westwood, NJ will be auctioned at the September meeting. The offering includes a 1936 Philco model 611, a 1942 Zenith model 8S661, a 1948 Sonora model RCU-208, a Sonora acoustic windup phono and an item yet to be identified.



**SECOND CALL FOR
TONY FLANAGAN
MEMORIAL AWARD
NOMINATIONS**

**By
Marv Beeferman**

As part of the club's 25th anniversary celebration, we will be accepting nominations for the Tony Flanagan Memorial Award. Tony was the club's founder and first president and the award was established upon his passing to honor his contributions to the NJARC. The award consists of a plaque and a certificate with the club maintaining its own plaque (below) of past winners. The award is presented for outstanding contributions to:

- The promotion of the antique radio hobby.
- The preservation of radio and electronic communication history and the history of their associated disciplines through artifacts and documentation.
- The promotion of the public awareness of radio development and history through books, articles and exhibitions.



It should be noted that the primary emphasis of the nomination should be given to the above considerations and not necessarily to the individual "who has done the most for the club." Previous winners have been John Dilks (1999), Ludwell Sibley (2001), Ray Chase (2009) and Phil Vourtsis (2012).

Nominations may be made by any NJARC member in good standing and must be presented in writing (or via email) to the Executive Board for voting no later than November 1st, 2017.

NJARC Holiday Party 25th Anniversary Celebration

Date: Saturday, December 16th, 2017
Time: 5:00 PM – Cocktail Hour
6:15 PM – Dinner
Place: West Lake Golf & Country Club
1 Pine Lake Circle, Jackson NJ 08527

Members \$25 each
Non-Member Adults and Children over 12: \$25 each
Children under 12: \$5 each

Cocktail Hour, Dinner Buffet, Mystery Grab Bag, Surprises
*****RESERVATIONS REQUIRED*****

If you plan to attend, please fill out the attached form, detach it and mail it with a check to:

Marvin Beeferman
2265 Emerald Park Drive
Forked River, NJ 08731
609-693-9430/mbeeferman@verizon.net

by December 9th. **Members who plan to attend must send back a response form with the full name(s) of additional attendees.** Reservations must be made via the form below; please refrain from telephone or email reservations unless absolutely necessary! Payment must accompany the form.

-----Cut here -----

Name(s): [Please indicate if member (m), non-member (nm) or child (c).]

Telephone or email: _____

Number of **Members:** _____ X \$25 = \$ _____
Number of **Children** under 12: _____ X \$5 = \$ _____
Number of **Non-Members:** _____ X \$25 = \$ _____

TOTAL: \$ _____

Make checks out to **NJARC**, enclose with this form and **mail by 12/09/17.**



New Jersey Antique Radio Club's

Fall Swap Meet



Parsippany PAL Building

33 Baldwin Road

Parsippany, NJ 07054

Just off Route 46,

Adjacent to Smith Field



Saturday October 28th, 2017



Refreshments Available

(70) 8 Foot Tables

\$25.00 for members

\$30.00 for non-members

Reserve Additional Tables \$20.00

At the Door \$25.00

Open to the Public

8am to 12 noon

Vendor setup at 7:15 AM

\$5.00 ENTRANCE FEE

CLUB DONATION

For Directions

Visit our website: www.njarc.org

or Mapquest

33 Baldwin Rd Parsippany NJ 07054

Vendors Make Your Reservations Now!

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