

# Antique Radio Charlotte

An annual conference for antique and vintage radio collectors and historians.

**2nd Bi-annual Charlotte International  
Cryptologic Symposium**



**Thursday, Friday & Saturday  
March 20-21-22, 2014**

Sponsored by the Carolinas Chapter of the  
Antique Wireless Association

# CAROLINAS CHAPTER OF THE AWA

<http://www.cc-awa.org/>

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Membership in the Carolinas Chapter of the Antique Wireless Association (CC-AWA) is open to anyone with an interest in old (antique) radios.

Anyone who pays registration for the 2013 conference will automatically receive one year's membership in the Carolinas Chapter of the AWA. This is only chapter membership and does not include membership in the Antique Wireless Association. If you are already a paid member in the chapter, your membership will be extended one year.

If you can't attend the conference, membership dues for the CC-AWA are \$10 per annum. Mail your CC-AWA dues to membership chairman Clare Owens - address is listed above.

Any correspondence, including any newsletters that are published, will be distributed electronically. Please make sure that the CC-AWA has a current email address on file.

# Welcome To The 2014 Antique Radio Charlotte Brochure

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## From the Conference Chairman



Ron Lawrence-W4Ron

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The Thursday morning session will kick off with Kirk Cline hosting a tube collector's forum (note; this is not a TCA sanctioned event). Brian Harrison KN4R will be talking about WW2 radio surveillance by The FCC's Radio Intelligence Division (RID) & demonstrating a very rare SSR-201 transmitter detecting receiver.

John Runski K4JCR and Kirk Cline will be giving a talk about collecting vintage HiFi and audio gear.

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**W**elcome to the 2014 Antique Radio conference brochure. We are looking forward to another great show this year. Like in 2012 we have the Charlotte International Cryptologic Symposium back again and scheduled speakers from the world of crypto collecting all across the globe.

We've got a full schedule of speakers for the antique radio conference on Thursday, from collectors of WW2 radios of Germany, Italy and Japan, and a program on National HRO receivers and HRO clones. A talk by John Dilks K3TQN on the sounds of early radio.

The Crypto Symposium will kick off at 9 am and there are programs that will run almost continually for the 2 1/2 days of the show.

We'll have some special entertainment for the Friday banquet; club member Steve Johannessen will be doing a classic 50s lounge act singing the songs of Frank Sinatra, Dean Martin and others from that era. You can visit Steve's web page at [and](#) listen to MP3s of some of Steve's songs.

It's amazing to think that this is our 20th year of having the show

at the Sheraton, I've heard from a number of attendees that go to a lot of other antique radio events and everyone says the Sheraton is the best hotel in radio collecting.

We have a great conference rate for rooms at the hotel of \$91 a night, their regular room rate is \$199 a night.

We'll be having an auction for former club member Ted Bryan's estate on Thursday evening. We'll still be having our regular Friday afternoon auction. One change this year is we're limiting the Friday auction to 250 lots total, this is to keep

the auction from running so late. So if you're bringing items for the auction you should get them checked into the auction as early as possible. We hope to have the auction room open for checking in items all day Thursday.

Everything you've come to love about the Charlotte show will still be here plus a lot more.

We look forward to seeing everyone in March.

Steve Johannessen web page:  
[www.stevenjohannessen.com](http://www.stevenjohannessen.com)

-73, Ron W4RON



# Schedule of Events

## Legend

BRM A - Ballroom A

JR BRM-Junior Ballroom

BRM B - Ballroom B

BPL-Back Parking Lot

BRM C/D - Ballroom C & D

REG Tent-Registration Tent

## THURSDAY, MARCH 20<sup>TH</sup>

TIME	ACTIVITY	LOCATION
8:00 am	Registration Desk Opens in hotel lobby.  <b>Auction and Contest Check-in All Day</b>	
9:00 am	<b>Tube Collectors Forum</b> -this is not a TCA sanctioned event <ul style="list-style-type: none"> <li>• Military Radios of the Axis: Germany, Japan and Italy</li> </ul> <b>Charlotte International Cryptologic Symposium</b> -all are welcome to attend	BRM C/D  BRM C/D  JR BRM
Noon	Kick off luncheon in main lobby.	
1:00 pm- 5:00 pm	<b>Programs &amp; Forums</b> (see page 4 for detailed description) <ul style="list-style-type: none"> <li>• Collecting Vintage Audio Gear</li> <li>• Old Transmissions and Voices from the Past</li> <li>• Patrolling the Ether</li> <li>• National HROs and HRO Clones</li> </ul> <b>Crypto Symposium continues</b>	BRM C/D       JR BRM
4:00 pm	CC-AWA Annual Member Meeting	BRM C/D
6:30 pm	Soup & Sandwich Buffet	Oscars Rest.
7:30 pm	Ted Bryan Auction	BRM C/D

FRIDAY, MARCH 21<sup>ST</sup>

TIME	ACTIVITY	LOCATION
6:00 am	Registration opens in tent	
6:30 am	Breakfast	REG Tent
8:00 am	Flea Market Opens. Le Mans Start	BPL
10:00 am	Auction & Contest Check-in	BRM C/D
12 noon	Lunch	REG Tent
1:00 pm	Old Equipment Auction	BRM C/D
6:00 pm	Dinner	Degaulle Rm
7:00 pm-8:00 pm	Contest Room & Crypto Room open for viewing displays.	JR BRM

SATURDAY, MARCH 22<sup>ND</sup>  
Flea markt open all day

7:30 am	Breakfast	REG Tent
9:30 am	Last Call For Contest Entries	BRM B
10:00 am	Contest Judging	BRM B
11:30 am	"Radio Rescue" end of meet auction	Flea Market
1:00 pm	Lunch & Conference Wrap Up	BRM A



Thursday, March 20<sup>th</sup> in  
Ballroom C/D from  
1 pm to 5 pm

**Collecting Vintage  
Audio Gear**

by Kirk Cline  
& John Runski K4JCR

**Military Radios of the  
Axis: Germany, Japan  
and Italy**

by Leonard Hunter KA3DBJ and  
Anton Steenbakkers PAOAST.

Are you interested in collecting or just knowing more about the military radios used by the "other side" in WWII?

This session will discuss finding, identifying and collecting German, Italian, and Japanese radios in the US and Europe.

A number of examples from each Axis country will be on display.

Do you have an unidentified set? Bring it or a picture to the meet and we'll help identify it.

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## Old Transmissions and Voices from the Past

by John Dilks K2TQN

Hear early Ship to Shore and Ship to Ship Transmissions, and at some to and what some of the early Ham and Radio Pioneers sounded like.

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## Patrolling the Ether The FCC's Radio Intelligence Division (RID) in WWII

by Brian Harrison KN4R

During WWII radio amateurs were not allowed to transmit on HF frequencies in order to help prevent the flow of information out of the country and to facilitate the identifying of clandestine transmitters. Hams not in the service were encouraged to help patrol the ether by listening for transmissions and reporting them to the FCC's Radio Intelligence Division which was created "for the duration" to police the airwaves. A number of lucky (and skilled) hams were offered paid positions within the RID, and some of them designed and manufactured specialized equipment to assist them in their duties.

This session will discuss the role of the RID and demonstrate one such piece of equipment designed and built by hams in the RID - the SSR-201 Aperiodic receiver. We'll also watch a short 1944 video about the RID which was the first motion-picture to be shown over network television.

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## National HROs and HRO Clones

by William Culpepper W4BZ

The National HRO has earned a special place in radio history because of it's industry-leading design in the 1930s and the critical role HROs played in helping the Allies win World War II. The HRO's unique design features were appreciated and emulated by a number of manufacturers on both sides of the conflict.

This session will discuss National's product history and the creation and evolution of the HRO through the end of WWII.

A large number of rare radios will be displayed and discussed. Thanks to the following for supporting William and this session by providing some of the equipment above: Greg Gore WA1KBQ, Meir Ben-Dror WF2U, Chris Dockery, Leonard Hunter KA3DBJ & Brian Harrison KN4R.



Thursday, March 20<sup>th</sup> in  
Jr. Ballroom -9 am & all day  
**Check our website for  
program updates.**

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- John Alexander-topic to be announced
  - Richard Brisson– topic to be announced
  - Craig Bauer-Cryptoanalysis of Enigma
  - Elonka Dunin-topic to be announced
  - Nicholas Gessler-topic to be announced
  - David Hamer-National Cryptologic Museum Foundation
  - David Hatch-topic to be announced
  - Jerry McCarthy-Computerized simulation techniques of the Colossus
  - Glen Miranker-Enigma in the Battle of the Atlantic. Did it make a difference?
  - Jim Oram-Restoration techniques of the Enigma
  - Tom Perera-New Discoveries which will address the research on the various models of the Enigma, the Enigma family tree, the variations in Enigma design, types of apparent sabotage of Enigmas, and the TICOM project.
  - Klaus Schmeh-Encrypted Books: Mysteries that fill Hundreds of Pages
  - Marc Simons & Paul Reuvers-Crypto Museum web site
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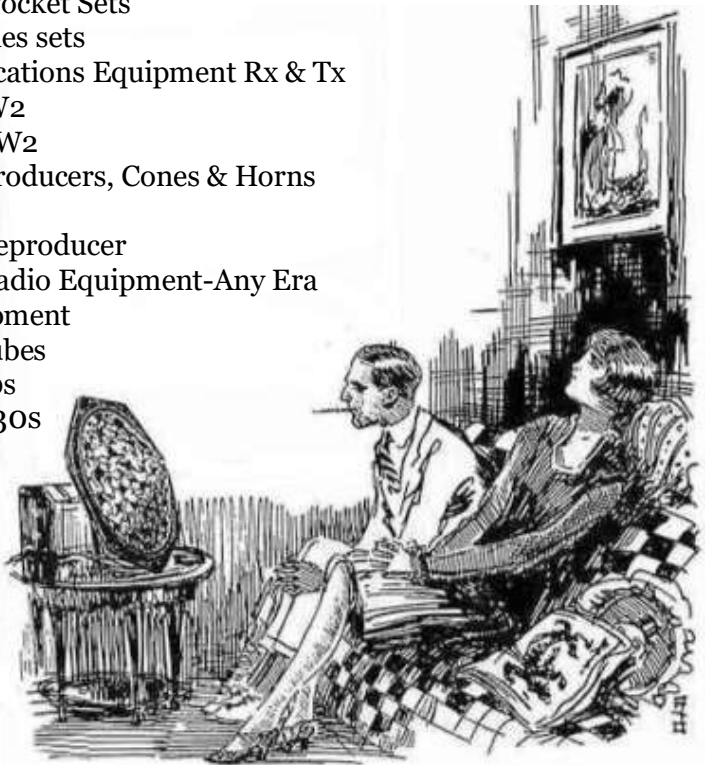
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# Old Equipment Contest

1. Pre-1912 Electrical Devices, Non Radio
2. Pre-1920 Receivers & Transmitters & Wire Line Telegraph Items
3. 1920's Era Broadcast Receivers
  - a. Passive Detectors
  - b. 1 Tube Sets
  - c. 2 - 3 Tube Sets
  - d. 4 - 5 Tubes Sets
  - e. Sets With 6 Or More Tubes
4. 1930's - 40's - 50's Era
  - a. Cathedrals & Tombstones
  - b. Consoles
  - c. Catalin & Bakelite
  - d. Television Receivers
5. Transistor Radios
  - a. Large Multiband Portables
  - b. Early Pocket Sets
  - c. Novelties sets
6. Communications Equipment Rx & Tx
  - a. Pre WW2
  - b. Post WW2
7. Sound Reproducers, Cones & Horns
  - a. Horns
  - b. Cone Reproducer
8. Military Radio Equipment-Any Era
9. Test Equipment
10. Vacuum Tubes
  - a. Pre 1930s
  - b. Post 1930s



11. Radio Literature, Books, Magazines & Advertising
12. New construction from old parts or replicas
13. Survivors-Completely original and unrestored sets any era. They may have been cleaned, but that's all.
14. Special "Display Only" category For those not interested in being judged. ANYTHING GOES HERE
15. Vintage HiFi Audio Gear
16. National HRO receivers & clones

2014 Conference  
Special Categories

## Special Awards

**NOTE:** Sets that have previously won a first place ribbon at this meet are ineligible for judging in the "regular" contest, "Special" categories excluded.

### Best of Show—The Lew Elias Award

Best of Show will receive \$100 plus an engraved plaque.

### Best Restoration

with photos and documentation as backup

Best Restoration will receive \$50 and a Gold Ribbon.

### Best Presentation

Best Presentation will receive \$50 and a Gold Ribbon.

### Peoples Choice

"Best in Contest" voted on by those attending the conference

Peoples Choice will receive \$50 & a Gold Ribbon.

### Senior Class Award

"The Best of the Best"

Entries **MUST** include a **BLUE RIBBON**  
won in a previous contest.

#### Senior Class 1

Pre 1930

#### Senior Class 2

Post 1930



# RADIO AUCTION

## Ted Bryan's Estate Auction Thursday, March 20<sup>th</sup>-7:30 pm

**T**ed Bryan was a broadcast engineer retiring as WBT's chief engineer just a few years ago and working part time until his sudden death at age 80. As he approached retirement, he planned and built a workshop where he could increase his activities in vintage radio and audio electronics. He assembled a very fine collection of test equipment from the 1940s up until the 1980s.


Volunteers spent over 150 hours sorting through literally two tons of parts that would be prime sources for anyone wanting to build vintage TX, RX or audio equipment. Be sure to check the CC-AWA web page for photos and list of items to be auctioned.



# Auction Guidelines

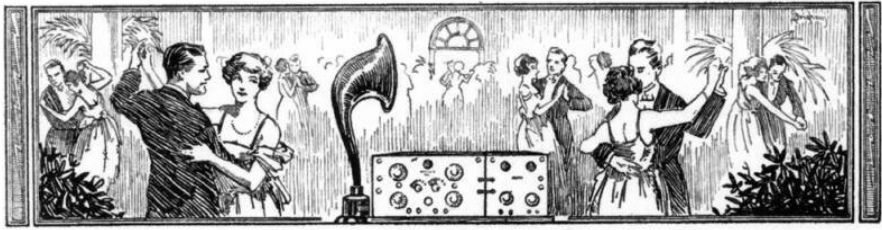
Friday, March 21<sup>st</sup>  
1pm in Ballroom C/D

## In General

- CCAWA makes no claims as to the ownership, authenticity or operating condition of any goods put up for sale. **WHAT YOU SEE IS WHAT YOU GET.**
- You must be registered for this CCAWA annual conference in order to participate as a buyer or seller.
- It is our intention to have volunteers on duty at all times that the auction preview room is unlocked. However; the hotel or the organizers of this conference will not be held liable for theft, loss or damages to property consigned for this auction.
- The Friday afternoon auction will be limited to **250 total** lots. You are advised to get your items consigned as early as possible. 
- We hope to have the auction room open all day on Thursday and from mid morning Friday until the auction cutoff time of 12 noon.
- The Auction is scheduled to start at 1pm Friday afternoon.
- CCAWA charges the seller a 10% commission to help to defray costs of this conference. There is no buyer premium.

## How to Consign An Item For Auction

- If you expect to auction more than 25 lots, you must notify us in advance.
- You may set a minimum bid you will accept for your goods.
- The auction committee reserves the right to refuse certain lots for auction.



- Your item (or box lot) must have a reasonable expectation of bringing a closing bid greater than \$25 in order to consign to this auction. Note: We have a \$25 Minimum.
- Get one “Auction Item Information Card” for each item or box lot you want auctioned. (Note our \$25 minimum lot value requirement.)
- Fill out the card and keep the bottom PINK sheet for yourself as proof of ownership should the item not make a minimum bid that you may elect to place on the item.
- We have drafting tape available for you to stick the YELLOW sheet to your item. If that does not work, we have string tags that you can staple to the YELLOW sheet so that the sheet will hang from the item.
- Give the top WHITE sheet(s) to the volunteer that places your items into the auction preview area. They will check to see that the form is filled out correctly.

## Payment

- The CC-AWA is not able to accept any payment via any form of credit card, debit card or other electronic transaction. It is at the sole discretion of the auction cashier whether to accept payment in any form other than cash in US dollars.
- If you are not known by the cashier and wish to make payment by check or travelers checks, you must notify us in advance and receive acknowledgment that the cashier will accept your payment method.

# Hotel Information

**Dates:** March 20-21-22, 2014

**Hotel:** Sheraton Charlotte Airport Hotel\*  
3315 Scott Futrell Drive  
Charlotte North Carolina 28208  
Phone: (704) 392-1200



\* at the intersection of I-85 & Billy Graham Parkway, Charlotte NC

To make a reservation, you just need to say "Antique Radio Charlotte" and you'll get the conference rate of \$91 per night, which is pretty good since the normal room rate there is \$199.



Map compliments of Google Maps: <http://maps.google.com>.

# Important Notice

The Carolinas Chapter of the Antique Wireless Association, the Antique Wireless Association or any of its officers or members are not responsible for any accident, injury, or loss that occurs while attending the CC- AWA's Annual Conference (Antique Radio Charlotte) or any of its functions.

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## PLEASE PRINT

NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY STATE ZIP: \_\_\_\_\_

PHONE: \_\_\_\_\_

EMAIL: \_\_\_\_\_

NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY, STATE, ZIP: \_\_\_\_\_

PHONE: \_\_\_\_\_

EMAIL: \_\_\_\_\_

- We must have the name and address of everyone (NOT FAMILY MEMBERS) that you are pre-registering.
- If you are registering more than two, please use separate sheet.
- We must have the name and full address of everyone that registers. Spouses and significant others are admitted free.
- Admission on Saturday is FREE and there is no need to fill out a registration form. This FREE admission is ONLY for Saturday.
- You DO NOT have to be a member of the AWA or the CC-AWA to attend the Conference.
- Pre- registrations MUST be postmarked no later than March 9th.

Make checks payable to: CC-AWA

Mail To:

CC-AWA 2014

c/o Chip McFalls

742 Southern High School Rd.

Graham, NC 27253

## Important Information

If you plan to take part in any of the conference on Thursday or Friday you must register and pay the registration (admission) fee. Vendor space rental does NOT include the admission fee. If you plan to bid in the Friday auction you must register, your conference registration number is your auction bidder number.

CONFERENCE FEES	PRE-REGISTRATION	AT THE DOOR	QUANTITY	SUB-TOTAL
Admission (spouses free)	\$20 each	\$25 each		\$
Special Saturday Admission	Free	Free		\$
Vendor Space Rental	\$35 for the first space	\$40		\$
	\$25 each additional space	\$25		\$
Thursday Kick-off Luncheon	\$25	N/A		\$
Thursday Evening Soup & Sandwich Buffet	\$22	N/A		\$
Friday Evening Banquet	\$42	N/A		\$
Saturday Luncheon	\$28	N/A		\$
Total				\$