

Antique Radio Charlotte

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



**3rd Bi-annual Charlotte International
Cryptologic Symposium**



**Thursday, Friday & Saturday
March 24-25-26, 2016**

Sponsored by the Carolinas Chapter of the
Antique Wireless Association

CAROLINAS CHAPTER OF THE AWA

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

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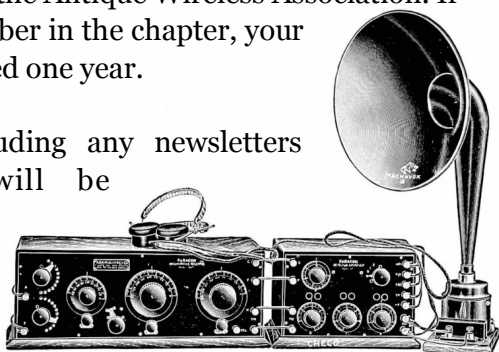
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Membership in the Carolinas Chapter of the Antique Wireless Association (CC-AWA) is open to anyone with an interest in old (antique) radios.

Anyone who pays registration for the 2016 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.

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.



SCHEDULE OF EVENTS

LEGEND

BRM A - Ballroom A	BPL-Back Parking Lot
BRM B - Ballroom B	REG Tent-Registration Tent
BRM C/D - Ballroom C & D	Oscars Rest.-Oscar Restaurant
JR BRM-Junior Ballroom	

THURSDAY, MARCH 24TH

Time	Activity	Location
8:00 am	Registration Desk Opens in hotel lobby. Auction and Contest Check-in All Day	BRM A
9:00 am	Tube Collectors Forum -this is not a TCA sanctioned event Charlotte International Cryptologic Symposium (see page 5 for detailed description) -all are welcome to attend	BRM C/D JR BRM
Noon	Kick off luncheon in main lobby.	
1:00 pm- 5:00 pm	Programs & Forums (see page 3 for detailed description) <ul style="list-style-type: none"> · 10:00 am-What's Going On In That Other Room · 11:00 am-The Secrets of QSL Card Collecting · 1:15 pm-WWII B-24 Snoopers · 2:30 pm-100+ Years of Battery History · 3:45 pm-H.C. Leuteritz and the Radios of Pan American Airways 1920s-1930s Crypto Symposium continues	BRM C/D JR BRM
6:30 pm	Soup & Sandwich Buffet	Oscars Rest.

FRIDAY, MARCH 25TH

Time	Activity	Location
6:00 am	Registration opens in tent	BPL
6:30 am	Breakfast	REG Tent
8:00 am	Flea Market Opens. Le Mans Start	BPL
10:00 am	Auction & Contest Check-in	BRM A
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.	BRM B

SATURDAY, MARCH 26TH

Flea markt open all day

Time	Activity	Location
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



The Carolinas Chapter of the Antique Wireless Association or any of it's 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 it's functions.



Thursday, March 24th
Ballroom C/D from 1 pm to 5 pm

WWII B-24 SNOOPERS

WWII'S SECRET ANTI-SHIPING NIGHT WAR IN THE SOUTH PACIFIC (PTO)

By John Allen

During the latter part of WWII in the PTO (Pacific Theater of Operations) a group of the USAAF (US Army Air Force) was active doing primarily LAB (Low Altitude Bombing) on Japanese shipping and resupplying operations in the South Pacific areas from 1942 to 1945. These were the 868th and the 63rd bomb Squadrons. They were equipped with new types of radar sets, designed by the Radiation Lab at MIT, that were used in modified Norden bombsights (which had originally been designed as high altitude bombsights that were used in the ETO and the PTO). The information on this equipment was classified by Department Of Defense until the late 60s or early 70s.

My father-in law, Edward Paul Snead, was a B-24J pilot/copilot and provided much helpful information and documentation for this presentation.

The enemy was not just Japanese Fighter planes, but extremely long missions over water (12-16 hours, nearly all at night) as well as weather, lack of radio navigational aids, planes overloaded with fuel and bombs, and a very few poorly trained navigators.

These planes were painted black, and the planes and the crews were "segregated" from other USAAF planes, crews, etc. for secrecy reasons.



100⁺ YEARS OF BATTERY HISTORY

FROM THE FIRST TELEGRAPH
SYSTEMS TO RADIO AVAILABLE FOR
EVERYONE

by Robert Lozier

Without the electrochemical battery, we might not yet have any way to communicate electrically. Despite its importance, little interest has been seen in exploring the timeline of its genesis and development.

Robert Lozier has researched the subject and promises to show and tell us of many interesting turns the technology has taken over the years.



H.C. LEUTERITZ AND THE RADIOS OF PAN AMERICAN AIRWAYS 1920s-1930s

by Brian Harrison, KN4R

Pan American Airways was the world leader in International air travel through WWII and the U.S. Government's "chosen instrument" for base expansion throughout the Caribbean, Central and South America, Africa, and the Pacific Islands in preparation for WWII.

Radio played a key role in the success of Pan Am which built or modified almost all radio equipment used on the ground and in the air. These radios are virtually unknown by the collector community, come learn about them!



WHAT'S GOING ON IN THAT OTHER ROOM

By Richard Brission

This talk will describe cryptocollecting and what motivates an individual to become a collector of cryptological arti-

facts and what they may focus on. Of course, the pièce de resistance has long been the WW2 German Enigma cipher machine and the yearning to add one or more to the collection. There will also be a discussion on other cryptographic machines from various vintages and manufacturers that are sought after because of a variety of reasons such as their rarity, place in history, provenance, etc. An overview as to how collectors find sources to buy and sell artifacts will also be offered in addition to how collectors showcase their prized items.



QSL CARD COLLECTING IN AN HOUR" (NOT)

by Pete Varounis NL7XM

QSL cards often reflect *much* more than a record of a simple contact. Famous people, places, design styles, HUMOR, content, rarity, and condition all contribute to the collectability of a QSL card. Come see some of the best examples of many categories of extraordinary QSL cards known.

Bring a handful your favorite QSL cards for display and show and tell during this session!



Check the Crypto website for program updates!

Thursday, March 24th

Time	Speaker	Topic
9:15 am	Debbie Desch	Joe W8ANP
10:00 am	Jerry McCarthy	Computer simulation of the Turing-Welchman Bombe
11:00 am	Nicholas Gessler	Crypto topic-TBA
1:00 pm	Dr. David Hatch	Special Crypto topic
2:00 pm	Klaus Schmeh	The Early Bird not always Catches the Worm
3:00 pm	Jim Oram	Repairing and restoring Enigmas
4:00 pm	Richard Brisson	The Imitation Game and play Breaking the Code
4: 50 pm	Craig Bauer	Unsolved! History's Greatest Ciphers

Friday, March 25th

9:00 am	David Hamer	Colossus at UK's National Museum of Computing
10:00 am	Jerry McCarthy	Simulation Techniques of 'Cyklometr Rejewskiego'
11: 00 am	Nicholas Gessler	Crypto Topic-TBA
1:00 pm	Tom Perera/Dan Perera	Dissecting and reassembling a Russian FIALKA cipher machine in real-time
2:00 pm	Tom Perera	New Discoveries in Enigma History
3:00 pm	Paul Reuvers	The Enigma Tree
4:00 pm	Marc Simons	Enigma Topic-TBA

Saturday, March 26th

Time	Speaker	Topic
9:00 am	George Keller	Original WWII Vets
10:00 am	Ben Gatti	Cryptanalysis of the Enigma and Lorentz ciphers,
11:00 am	Panel discussion of anything Crypto	Panel of the Speakers answer questions
2:00 pm	Glen Miranker	TBA



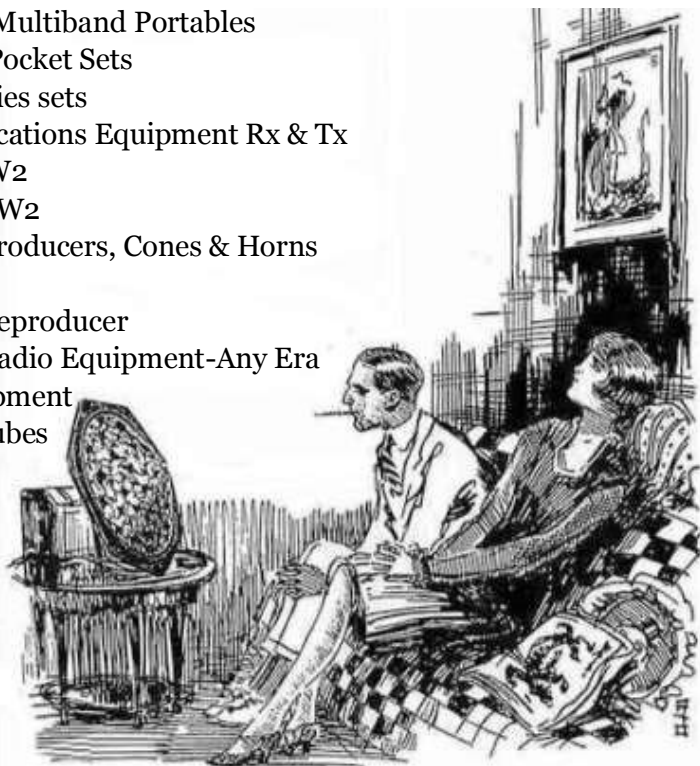
Registration Desk

Ron Lawrence Aircraft
Radar Display table



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 Reproducurs, Cones & Horns
 - a. Horns
 - b. Cone Reprodncer
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

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

SPECIAL AWARDS

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



2015 SPECIAL AWARD WINNERS OLD EQUIPMENT CONTEST



BEST OF SHOW THE LEW ELIAS AWARD

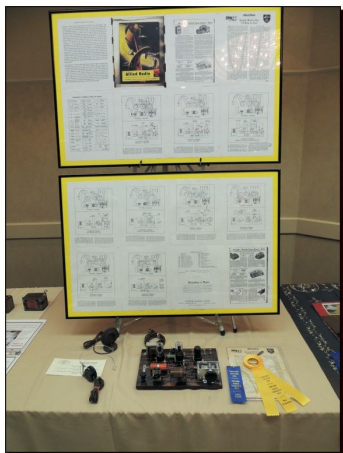
**PEOPLES CHOICE
"BEST IN CONTEST"**
VOTED ON BY THOSE ATTENDING
THE CONFERENCE

Geoffrey Bourne
Leutz Plidodyne 9 & 6



BEST RESTORATION WITH PHOTOS AND DOCUMENTATION AS BACKUP

Robert Lozier
CGE Audiola "Baby" &
Radio Savigliano Model 91




BEST PRESENTATION

Thomas Burgess
Knight Kit 10 in 1
Radio Kit Display

Auction Guidelines

FRIDAY, MARCH 25TH
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 \$35 in order to consign to this auction. Note: We have a \$35 Minimum.
- Get one "Auction Item Information Card" for each item or box lot you want auctioned. (Note our \$35 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 24-25-26, 2016

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 \$93 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

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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				\$