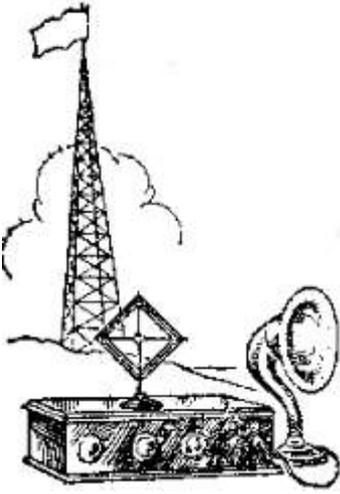


# The Carolina Antenna

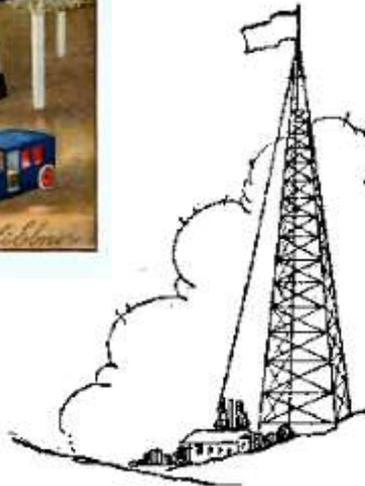
SPRING 2005  
VOLUME #11  
ISSUE #1

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CAROLINAS  
CHAPTER  
OF THE  
ANTIQUE  
WIRELESS  
ASSOCIATION





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**ISSUE # 11**

**SPRING 2005**

**VOLUME 1**

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**THE PREZ SAYS ...**  
**BY RON LAWRENCE, KC4YOY**  
**CC-AWA PRESIDENT**



As I'm writing this it's just under one month until the 2005 Charlotte Conference.

It has been a really busy time around here. Along with all the normal things that have to be done in everyday life, a few weeks ago we moved my 86 year old mother into an assisted living facility. After a fall she had back in July where she broke left leg, she seemed to age several years in just a few months. Thank goodness she realized that she need more help than she could get at the independent living center where she was currently living. Moving her was fairly easy, since she couldn't really didn't have room for many personal thing. So every-

thing in her apartment was left up to me to do something with. Well we finally finished emptying the apartment last night. Now I have to figure out what to do with all this stuff.

On top of all that I've been working getting everything ready for the Conference.

I delivered the artwork for the brochure to the printer last week. Hopefully they will be in the mail by the end of next week. If you've attended the Conference before, you'll get a brochure in the mail.

Last Sunday six of us got together at Robert's to sort through the boxes from Larry Boyer's attic. It was like opening a radio history time capsule. One box contained the contents of a file cabinet that had been put together be R. E. Burnap who had been an engineer in the early days of radio. The file contained radio, radio parts, and test equipment advertising items dating from about 1915 to 1935. All most all of the papers are in MINT + condition. There were other boxes of some really nice tubes, some of them really rare. These items will be

auction Thursday evening in our new TUBE, PAPER and EPHEMERA Auction. I would guess that there are about 200 items already inventoried for this auction. This does not include items that may be submitted by Conference attendees.

There are lots of information, photos, etc. of the Boyer estate items on the clubs web page and else where in this issue of the Carolina Antenna.

The winter weather ruined our Winter Swap Meet that was held in Columbia. Since they were calling for sleet, snow and freezing rain starting early this morning, Mike, Ralph and I decided not to take a chance and just stayed home. I got a report from Carl Shirley saying that about 10 folks showed up, a few radios changed hands and everyone left when the sleet got bad around 9AM. This was kind of like the first Columbia Swap Meet, I drove in a sleet storm all the way from Charlotte to Columbia. There were 14 of there that day, but there were some good radios, and I managed to bring home a really neat loop antenna. So it was till a good event.

Hopefully, if Barker can make room for it you'll find a copy of the new club by-laws. The Executive Committee spent a lot of time hammering these out. The old by-laws were written by the lawyer that helped with our incorporation papers. They didn't really fit with how the club ran so we worked really hard to get them re-written to fit how the club works.

As far as the Conference is concerned, one change that will effect the members the most is due to the increasing cost. After lots of input from members at the last years Annual Members Meeting and talking to individuals at the Conference, we decided that we need to eliminate the free registration for club members. This costs the Conference more than \$500 each year.

Hopefully this savings will allow us to keep membership dues and some other fees from increasing. We hope you understand and will continue to support our efforts.

We're always open to comments and suggestions from our members. Please contact me or any other officers if you have something to say.

See ya in March.

Ron Lawrence, CC-AWA President  
& Conference Chairman.



Judy has been working her magic putting this issue of the *Antenna* together so we can get it in the mailbox. This issue was delayed so we could go to annual meeting of the Antique Automobile Club of America (AACA) in Philadelphia Pennsylvania where she was

presented the AACA's Master Editor award, which is the highest award the AACA gives for newsletters. She has been publishing the newsletter for our local antique car club since 1997 and this is the third year that she has won this award. I am very proud of her, and could not put the *Antenna* out with out her.

Well it won't be long until the CC-AWA annual Spring Meet in Charlotte. This issue contains two lists of items from the estate of Larry Boyer that will be auctioned at one of two auctions this year. There are a number of very rare items that will be put up for sale. Also included in this issue is a copy of the club's recently adopted bylaws, which the executive board has been working on since last years show.

I would like to thank Robert for his two articles he sent in for this issue. I would like to see others send articles in also. It is hard to put a newsletter out with nothing to put in it. This is all for now, see you in Charlotte.

Barker

**CC-AWA  
CALENDAR OF EVENTS**

**MARCH 24,25, AND 26**

29th Annual Conference  
of the CC-AWA  
Charlotte NC

**Note:** this is Easter weekend!

**MAY 7**

Spring Swap Meet  
Spencer NC

**JULY 30**

Summer Swap Meet  
Valdese NC

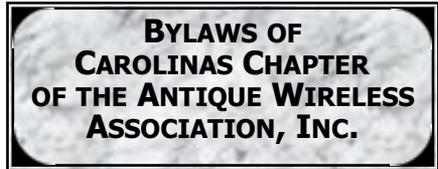
**OCTOBER 22**

Fall Swap Meet  
Greensboro NC

**DECEMBER 17**

Christmas Party

**Note:** the rain date is the following weekend.



**Note:** The Bylaws were approved by the Executive Committee on February 20, 2005.

**ARTICLE I - OFFICES**

**1.1 PRINCIPAL OFFICE**

The principal office of the CAROLINAS CHAPTER OF THE ANTIQUE WIRELESS ASSOCIATION, INC. shall be located at \_\_\_\_\_, or at such other location designated by the Executive Committee.

**1.2 REGISTERED OFFICE**

The registered office of the Corporation required by law to be maintained in the State of North Carolina may be, but need not be, identical with the principal office.

**1.3 OTHER OFFICES**

The Corporation may have offices at such other places, either within or without the State of North Carolina,

as the Executive Committee may designate or as the affairs of the corporation may require from time to time.

## **ARTICLE II EXECUTIVE COMMITTEE**

### **2.1 MEMBERSHIP**

The Executive Committee shall consist of the Board of Directors, the Officers of the Corporation, and all past Presidents of the Corporation. The past Presidents shall be ex-officio (non-voting) members of the committee.

### **2.2 GENERAL POWERS**

The business and affairs of the Corporation shall be managed by its Executive Committee. The Executive Committee will conduct all the Corporation business other than that directly authorized by the Bylaws for the Officers of the Corporation. Except as otherwise expressly provided by law, the Articles of Incorporation or these Bylaws, all the power of the Corporation shall be vested in the Executive Committee.

### **2.3. CHAIRMAN OF THE EXECUTIVE COMMITTEE**

The President and Vice-President of the Corporation shall serve as Chairman and Vice-Chairman of the Executive Committee respectively.

## **ARTICLE III - MEETINGS OF THE EXECUTIVE COMMITTEE**

### **3.1 SCHEDULED MEETINGS**

The annual meeting of the Executive Committee shall be held during the month of March of each year for the

purpose of reviewing the annual reports of the President and the Treasurer of the Corporation and for the transaction of any other business properly before the Executive Committee.

### **3.2 SPECIAL MEETINGS**

Special meetings of the Executive Committee may be called by the President of the Corporation or by any two members of the Executive Committee.

### **3.3 PLACE OF MEETINGS**

The meetings of the Executive Committee may be held at the principal office of the Corporation or at such other place, either within or without the State of North Carolina, as shall be designated in the notice of the meeting or in a waiver of notice of the meeting signed by all the Committee members then in office.

### **3.4 NOTICE OF MEETINGS**

The President shall give notice of each meeting of the Executive Committee by mailing or e-mailing such notice to each Committee member at least ten (10) days before the meeting. The persons calling a special meeting of the Executive Committee shall give notice thereof (or cause the President to give notice) by mailing or e-mailing such notice to each member.

### **3.5 WAIVER OF NOTICE**

Any Committee member may waive notice of any meeting, either before or after the meeting. Written waivers of notice shall be filed by the Secretary with the corporate records or as part of the minutes of

the meeting. The attendance by a member at a meeting shall constitute a waiver of notice of such meeting, except where a member attends a meeting for the express purpose of objecting to the transaction of any business because the meeting is not lawfully called or convened. Whether or not a meeting is lawfully called or convened will be decided by reference to and in accord with these Bylaws, and the determination will be made after public discussion of the matter followed with immediate vote of the Executive Committee.

### **3.6 QUORUM**

A majority of the number of committee members fixed by these Bylaws shall constitute a quorum for the transaction of business at any meeting of the Executive Committee.

### **3.7 MANNER OF ACTION**

Except as otherwise provided in these Bylaws, the act of the majority of the members present at a meeting at which a quorum is present shall be the act of the Executive Committee.

### **3.8 PRESUMPTION OF ASSENT**

An Executive Committee member who is present at a meeting of the Executive Committee at which action on any corporate matter is taken shall be presumed to have assented to the action taken unless his contrary vote is recorded or his dissent is otherwise entered in the minutes of the meeting, or unless he either files his written dissent to such action with the person acting as the secretary of the meeting

before the adjournment thereof or forwards his written dissent by registered mail to the Secretary of the corporation immediately after the adjournment of the meeting. The right to dissent shall not apply to a member who voted in favor of such action.

### **3.9 INFORMAL ACTION BY EXECUTIVE COMMITTEE MEMBERS**

Action taken by a majority of the members without a meeting is nevertheless action of the Executive Committee if written notice of the action is given to all of the members and filed with the minutes of the proceedings of the Executive Committee whether done before or after the action so taken.

### **3.10 PARTICIPATION BY TELEPHONE**

Any one or more Executive Committee members may participate in a meeting of the Executive Committee by means of a conference telephone or any communications device that allows all persons participating in the meeting to hear each other. Participation by these means shall be deemed presence in person at the meeting.

## **ARTICLE IV BOARD OF DIRECTORS**

### **4.1 NUMBER, TERM AND QUALIFICATIONS**

The number of directors constituting the Board of Directors shall be Seven (7). Each director shall hold office for a term of two years. Incumbent Directors shall be eligible for re-election. Directors shall be members of the Corporation in good standing. Directors need not

be residents of the State of North Carolina.

#### **4.2 ELECTION OF DIRECTORS.**

Directors shall be elected to two-year terms. The seven candidates receiving the highest number of votes shall be elected. Tie votes shall be resolved by the nominating committee. The election shall be by ballot mailed to the general membership. The election shall be held every odd numbered year in the month of November. The first election shall be held in November 2005.

##### **4.2.1. NOMINATING COMMITTEE**

The President of the Corporation shall appoint a nominating committee chairman. The chairman shall select the other members to serve on this committee. The Committee shall consist of at least three members.

##### **4.2.2. ELECTION PROCESS**

The nominating committee shall prepare a ballot for the election of Directors by the general membership. The nominating committee shall contact the incumbent Directors to solicit their agreement to be on the ballot. The nominating committee shall also solicit nominations by mail from the general membership. The nominating committee shall be authorized to make additional nominations. The nominating committee shall contact all nominees and obtain their agreement prior to placing a nominee on the ballot. The nominating committee shall mail the prepared ballot to all members of the Corporation and receive the

returned ballots. After the voting period specified with the ballot, the nominating committee shall count the returned ballots, prepare an election result report, and distribute the report to the Board of Directors. The Board of Directors shall notify the general membership of the results of the election.

#### **4.3 REMOVAL**

Directors may be removed from office at any time with or without cause by the Board of Directors meeting with a quorum.

#### **4.4 VACANCIES**

Any vacancy occurring in the Board of Directors may be filled by the affirmative vote of a majority of the remaining Directors even though less than a quorum, or by the sole remaining Director. A vacancy shall exist when a Director is appointed an Officer of the Corporation. A Director elected to fill a vacancy shall be elected for the remainder of the term of his predecessor in office.

#### **4.5 REIMBURSEMENT**

The Board of Directors may provide for the payment of any or all expenses incurred by directors in attending regular and special meetings of the Board of Directors.

### **ARTICLE V MEETINGS OF DIRECTORS**

#### **5.1 SCHEDULED MEETINGS**

The Board of Directors shall meet in January of the year following the election for the purpose of appointing Officers of the Corporation and for the transaction of any other business properly before the

Board of Directors.

## **5.2 SPECIAL MEETINGS.**

Special meetings of the Board of Directors may be called by any two directors.

## **5.3 PLACE OF MEETINGS**

The meetings of the Board of Directors may be held at the principal office of the corporation or at such other place, either within or without the State of North Carolina, as shall be designated in the notice of the meeting or in a waiver of notice of the meeting signed by all the Directors then in office.

## **5.4 NOTICE OF MEETINGS**

The Secretary shall give notice of each meeting of the Board of Directors by mailing or e-mailing such notice to each director at least ten (10) days before the meeting. The persons calling a special meeting of the Board of Directors shall give notice thereof (or cause the Secretary to give notice) by mailing or e-mailing such notice to each director.

## **5.5 WAIVER OF NOTICE.**

Any director may waive notice of any meeting, either before or after the meeting. Written waivers of notice shall be filed by the Secretary with the corporate records or as part of the minutes of the meeting. The attendance by a Director at a meeting shall constitute a waiver of notice of such meeting, except where a director attends a meeting for the express purpose of objecting to the transaction of any business because the meeting is not lawfully called or convened.

## **5.6 QUORUM.**

A majority of the number of directors fixed by these Bylaws shall constitute a quorum for the transaction of business at any meeting of the Board of Directors.

## **5.7 MANNER OF ACTION**

Except as otherwise provided in these Bylaws, the act of the majority of the Directors present at a meeting at which a quorum is present shall be the act of the Board of Directors.

## **5.8 PRESUMPTION OF ASSENT**

A director of the corporation who is present at a meeting of the Board of Directors at which action on any corporate matter is taken shall be presumed to have assented to the action taken unless his contrary vote is recorded or his dissent is otherwise entered in the minutes of the meeting, or unless he either files his written dissent to such action with the person acting as the secretary of the meeting before the adjournment thereof or forwards his written dissent by registered mail to the Secretary of the corporation immediately after the adjournment of the meeting. The right to dissent shall not apply to a director who voted in favor of such action.

## **5.9 INFORMAL ACTION BY DIRECTORS**

Action taken by a majority of the Directors without a meeting is nevertheless action of the Board of Directors if written notice of the action is given to all of the directors and filed with the minutes of the proceedings of the Board of Directors, whether done before or

after the action so taken.

### **5.10 PARTICIPATION BY TELEPHONE**

Any one or more Directors may participate in a meeting of the Board of Directors by means of a conference telephone or any communications device that allows all persons participating in the meeting to hear each other. Participation by these means shall be deemed presence in person at the meeting.

## **ARTICLE VI MEETINGS OF MEMBERSHIP**

### **6.1 ANNUAL MEETINGS**

The annual meeting of the membership shall be held during the annual conference of the Corporation for the transaction of any business properly before the membership. The President and Treasurer of the Corporation shall present annual reports at the annual meeting.

### **6.2 SPECIAL MEETINGS**

Special meetings of the membership may be called by the Executive Committee.

### **6.3 PLACE OF MEETINGS**

The annual or any special meeting of the membership may be held at the principal office of the corporation or at such other place, either within or without the State of North Carolina, as shall be designated in the notice of the meeting or in a waiver of notice of the meeting signed by all the members.

### **6.4 NOTICE OF MEETINGS**

A written notice of each annual meeting of the membership will be

given by mailing such notice to each member at least ten (10) days before the meeting. The Chairman or other persons calling a special meeting of the membership shall give notice thereof (or cause the Secretary to give notice) by mailing such notice to each member at least ten (10) days before the meeting. Unless otherwise indicated in the notice thereof, any and all business may be transacted at a meeting of the membership, except as otherwise provided by law or these Bylaws.

### **6.5 WAIVER OF NOTICE**

Any member may waive notice of any meeting, either before or after the meeting. Written waivers of notice shall be filed by the Secretary with the corporate records or as part of the minutes of the meeting. The attendance by a member at a meeting shall constitute a waiver of notice of such meeting, except where a member attends a meeting for the express purpose of objecting to the transaction of any business because the meeting is not lawfully called or convened.

### **6.6 QUORUM**

A majority of the members whether in person or proxy, shall constitute a quorum for the transaction of business at any meeting of the membership.

### **6.7 MANNER OF ACTION**

Except as otherwise provided in these Bylaws, the act of the majority of the membership, whether in person or proxy, or by written ballot shall constitute the act of the membership.

## **6.8 MEMBERS LIST FOR MEETING**

After fixing a record date for a notice of a meeting, the Corporation shall prepare an alphabetical list of the names of all its members who are entitled to notice of the meeting. The list shall show the address of each member entitled to cast a vote at the meeting. The list of members shall be available as required by G.S. 55A-7-20.

## **ARTICLE VII - OFFICERS**

### **7.1 OFFICERS OF THE CORPORATION**

The Officers of the Corporation shall consist of a President, a Vice-President, a Secretary, and a Treasurer. Other Officers may from time to time be appointed by or under the authority of the Board of Directors. Any two or more offices may be held by the same person, but no Officer may act in more than one capacity where action of two or more Officers is required.

### **7.2 APPOINTMENT TERM LIMITATIONS AND DUTIES**

The Officers of the Corporation shall be appointed by the Board of Directors. Each Officer shall hold office for a term of two years beginning in January following the election of the Board of Directors. Incumbent Officers shall be eligible for reappointment to a new term. Any Officer may be removed by the Board of Directors at any time, with or without cause. Each Officer shall have such duties as prescribed by law, together with such other duties as may be prescribed by the Board of Directors from time to time.

## **7.3 DUTIES.**

**7.3.1 President** - The President shall preside at all meetings of the Executive Committee and meetings of the general membership. The President shall represent the Corporation in all official capacities. The President shall serve as the Chairman of the Executive Committee. The President shall appoint a nominating committee chairman as specified in Article IV. The President shall present an annual report at the annual meeting of the membership as specified in Article VI.

**7.3.2 Vice-President** - In the absence of the President, the Vice-President shall exercise the duties pertaining to the office of the President.

**7.3.3 Secretary** - The secretary shall keep the minutes of the meetings of the Corporation and perform other secretarial duties assigned by the President and the Executive Committee.

**7.3.4 Treasurer** - The Treasurer shall be responsible for the handling of all monies received and expended by the Corporation and for accounting and preparation of the financial statements and the proposed budgets. Also, the Treasurer shall report the financial status of the Corporation to the President, the Executive Committee and the general membership at their request. The Treasurer shall also present a financial report at the annual meeting of the membership as specified in Article VI.

## **ARTICLE VIII - DISSOLUTION**

### **8.1 METHOD**

The Corporation may be dissolved by a majority vote of the Executive Committee and a subsequent vote of the general membership. The membership will vote by mailed ballot. A three-quarters (3/4) majority of the voting members shall be required for approval of the dissolution.

### **8.2 NOTIFICATION**

Publication of the dissolution of the Corporation shall appear in the final issue of the Corporation newsletter or any other publication generally used by the membership at the time of the dissolution.

### **8.3 DISPOSITION OF CORPORATION ASSETS**

Under direction of the Officers, all monies and tangible assets shall be transferred to the Antique Wireless Association ,Inc., Box E, Breesport, NY 14816. If this transfer is not possible the monies and tangible assets shall be transferred to another organization with similar interests.

## **ARTICLE IX ETHICS OF BEHAVIOR**

9.1 Membership in the Carolinas Chapter of the Antique Wireless Association must not be for purely economic gain. It is a condition of membership in the Carolinas Chapter that members support our objectives and by-laws in the spirit of mutual friendship and co-operation.

9.2 Members of the Carolinas Chapter must not knowingly misrepresent or allow misunderstanding of the authenticity, condition, or age of an item offered for sale or trade.

9.3 Members must not use their position, as a sponsor of conventions and radio meets, to gain advance knowledge of items to be offered for sale or trade so as to have an unfair advantage over fellow collectors in the exchange thereof. Nor shall such incidental knowledge be acted upon until after any official starting time.

9.4 Members must not compromise the good standing of the Carolinas Chapter by associating it with any dishonest or unethical activity.



The personal radio collection of the late Larry Boyer, a long time member of the CC-AWA, will be put up for auction at this years CC-AWA Annual Conference in Charlotte. Due to the large number of items to be sold; there will be an additional auction on Thursday night along with the regular auction on Friday.

The Thursday night auction will consist of over 312 tubes, papers and ephemera items. The radios from the Boyer estate will be auctioned off during the auction on Friday.

Larry Boyer was a retired engineer from RCA and during the time he

was employed by them he collected numerous boxes of tubes, papers and ephemera items. When we went through these boxes we were amazed at what we found. Ron described it the best, "It was like opening a radio history time capsule". The boxes were full of tubes, files full of original advertising, sales brochures, catalogs, manuals from radio manufactures, radio parts companies, and test equipment companies that was compiled over many years, from about 1915 until about 1935. One of the boxes contained the contents of a file cabinet that had been put together by R.E. Burnap who had been an engineer in the early days of radio. Letters addressed to him at the Edison Lamp Works, Victor Talking Machine Co. and RCA Engineering was found in one of the boxes. Almost all of the papers are in very good to mint condition, and had not seen the light of day for over 60 years. There are a set of picture taken at the De Forest tube plant showing the step by step manufacturing process of tubes at the plant. This is just some of the pictures that were found in the boxes. Other boxes of some really nice tubes were found, some of which are really rare. Due to the huge amount of paper items it was necessary to put them together in groups except when the items were especially interesting or rare. Each group will be auctioned separately on Thursday night.

This is a list of some of the items from the Boyer estate that will be auctioned Thursday night.

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## TUBE, PAPER, & EPHEMERA AUCTION THURSDAY NIGHT

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### Item: Description

- 251 American Bosch Model 5 (good condition)
- 272 Book - RCA Red Book 1923-28 - VG
- 278 Book - Stokes - 70 Years Radio Tubes & Valves w/dust jacket
  
- 296 Sleeper Radio Corp. one tube set ca. 1920 (original?)
- 306 Radio Owl thermal timer (poor condition)
- 307 Sleeper Radio Corp. one tube set ca. 1920 (original?)
- 309 Philmore Super Radio Crystal Set ca. 1950's (new in box)
- 310 Model 208A - ca. 1930's - Bakelite (fair)
- 314 RCA Victor ca. 1938 pushbutton - modern style - small chip in back
- 317 deForest commercial art - 575
- 318 deForest commercial art - 571
- 319 deForest commercial art - 565
- 320 deForest commercial art - 549
- 321 deForest commercial art - 510
- 322 deForest commercial art - 565 small
- 323 deForest commercial art - Thyatron
- 324 deForest commercial art - water jacket 507?
- 325 deForest commercial art - marked 3749
- 326 deForest commercial art - water jacket 520
- 327 deForest commercial art - 520B
- 328 deForest commercial art - 532A
- 329 deForest commercial art - 520 water jacket
- 330 deForest commercial art - 551

331 deForest commercial art - 566	356 Qty 1 deForest Mfg. Photo - from most complete set
332 deForest commercial art - Jenkins with TV scanner	357 Qty 1 deForest Mfg. Photo - from most complete set
333 deForest commercial art - 504A	358 Qty 1 deForest Mfg. Photo - from most complete set
334 deForest commercial art - double button microphone	359 Qty 1 deForest Mfg. Photo - from most complete set
335 deForest commercial art - 510 on large mat	360 Qty 1 deForest Mfg. Photo - from most complete set
336 deForest commercial art - 569	361 Qty 1 deForest Mfg. Photo - from most complete set
337 deForest commercial art - 549 large mat	362 Qty 1 deForest Mfg. Photo - from most complete set
338 deForest commercial art - 565 large mat	363 Qty 1 deForest Mfg. Photo - from most complete set
339 deForest commercial art - 520B large mat	364 Qty 1 deForest Mfg. Photo - from most complete set
340 deForest commercial art - 565 large mat	365 Qty 1 deForest Mfg. Photo - from most complete set
341 deForest commercial art - 500	366 Qty 1 deForest Mfg. Photo - from most complete set
342 deForest commercial art - 510 large mat	367 Qty 1 deForest Mfg. Photo - from most complete set
343 deForest commercial art - 4 triodes	368 Qty 1 deForest Mfg. Photo - from most complete set
344 deForest commercial art - 424 advert	369 Qty 1 deForest Mfg. Photo - from most complete set
345 deForest commercial art - 424 & ladder	370 Qty 1 deForest Mfg. Photo - from most complete set
346 deForest commercial art - 424 in showroom	371 Qty 1 deForest Mfg. Photo - from most complete set
347 deForest commercial art - 424 w/engineers	372 Qty 1 deForest Mfg. Photo - from most complete set
348 deForest commercial art - 507 large mat	373 Qty 1 deForest Mfg. Photo - from most complete set
349 Photo proof prints of commercial art	374 Qty 1 deForest Mfg. Photo - from most complete set
350 deForest commercial art - 552 large mat	375 Qty 1 deForest Mfg. Photo - from most complete set
351 deForest commercial art - photocell	376 Qty 1 deForest Mfg. Photo - from most complete set
352 deForest commercial art - tube boxes	377 Qty 1 deForest Mfg. Photo - from most complete set
353 deForest commercial art - 565 only retouch of base.	378 Qty 1 deForest Mfg. Photo - from most complete set
354 deForest commercial art - 565 spoiled art	
355 Qty 1 deForest Mfg. Photo - from most complete set	

- 379 Qty 1 deForest Mfg. Photo -  
from most complete set
- 380 Qty 1 deForest Mfg. Photo -  
from duplicates set
- 381 Qty 1 deForest Mfg. Photo -  
from duplicates set
- 382 Qty 1 deForest Mfg. Photo -  
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- 383 Qty 1 deForest Mfg. Photo -  
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- 384 Qty 1 deForest Mfg. Photo -  
from duplicates set
- 385 Qty 1 deForest portrait photos  
& drawings
- 386 Qty 1 deForest portrait photos  
& drawings
- 387 Qty 1 deForest portrait photos  
& drawings
- 388 Qty 1 deForest portrait photos  
& drawings
- 389 Qty 1 deForest portrait photos  
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- 390 Qty 1 deForest portrait photos  
& drawings
- 391 Qty 1 deForest portrait photos  
& drawings
- 392 Qty 1 deForest portrait photos  
& drawings
- 393 Assorted deForest tube photos
- 394 Misc. Tube Paper
- 395 Marconi Tube Books
- 396 Misc. Tube Paper
- 397 Misc. Tube Paper
- 398 Wireless Catalog
- 399 RCA Papers
- 400 Aerovox Paper
- 401 National Papers
- 402 Misc. Radio Papers
- 403 Leutz Paper - C.R.Leutz signed  
letter
- 404 Misc. Paper
- 405 Misc. Radio Papers
- 406 Philips Books
- 407 General Radio Books
- 408 Isolantite Catalogs
- 409 FADA Poster
- 410 Philips Books - Mint
- 411 Philips Books
- 412 E.F.Johnson Paper
- 413 deForest Tube Papers
- 414 Crosley Radio Paper
- 415 Burgess Battery Paper
- 416 General Radio Experimenter
- 417 Kellogg Radio Papers
- 418 Jenkins Radiovisor Catalog
- 419 Jenkins Radiovisor Catalog
- 420 J.H.Bunnell catalog
- 421 Misc. radio catalogs
- 422 Atwater Kent service manual -  
1931
- 423 Box of radio books
- 424 RCA dealer sign - 1926
- 425 Ace Catalog
- 426 deForest Catalog "B"
- 427 deForest Catalog "D"
- 428 Mazda Radio Valve catalog -  
1932
- 429 Pacent manual
- 430 Misc. headphones
- 431 Philco literature
- 432 Tung-Sol data book
- 433 Dubilier condenser catalog -  
1919
- 434 Perryman brochure
- 435 Misc. headphones
- 436 Misc. phonograph drivers
- 437 Victor phonograph attachment
- 438 Silver Marshall ad
- 440 Radiola 18, 16 100A speaker  
brochures
- 441 1930's trade catalogs
- 443 RCA 201, 201-A, 200's
- 444 RCA development vidicon -  
early 50's
- 445 RCA UX-867
- 446 RCA UV-201A BBTT
- 447 N.E. 215-A w/ tube socket
- 448 RCA/Cunningham UV199 BB
- 449 Development Nuvistors & other  
H.F. tubes - lot

*(Continued on page 17)*





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*(Continued from page 14)*

- 450 Magazine - ELECTRICAL RECORD
- 451 Mallory Radio Service Encyc. + misc. magazines
- 452 1930's trade catalogs
- 453 Set of McMahan books inc. Flick of the Switch
- 454 RCA 877 Ballast Tube
- 455 British P.O. Valve Amplifying No. 1
- 456 1930's RCA Victor Console literature
- 457 W.E. VT-5 (215A)
- 458 Greenwoods Pictorial Album of Wireless
- 459 The Operation of Wireless Telegraph Apparatus
- 460 Daven MU-20 tube
- 461 Radio Telephony for Amateurs - Ballantine - 1922
- 462 Books "Trade Merchandising"
- 463 Pfansthiel brochure
- 464 Polymet Engineering manual
- 465 Pilot and Pilotron literature
- 466 De Wald brochure
- 467 REL Catalog
- 468 Sprague literature
- 469 Sparton Literature
- 470 Sonora brochure
- 471 Bone conduction literature
- 472 Simplex literature
- 473 Silver Marshall literature
- 474 Baird literature
- 475 Sears Catalog
- 476 Scott News 1934
- 477 Scott literature
- 478 Stromberg-Carlson literature
- 479 Operadio Papers
- 480 RCA Catalog - Apr. 1922
- 481 Radio Catalog
- 482 Automatic Electric Catalogs
- 483 NAALD Catalogs
- 484 Atwater Kent Papers
- 485 Arcturus tube paper
- 486 Osram Valves Catalog
- 487 Radio Catalog
- 488 Broadcast Stations Book 1926
- 489 Hammarlund Catalog
- 490 Grebe papers
- 491 Norden-Houck Catalogs
- 492 Philips catalogs
- 493 Stewart-Warner literature
- 494 Roller Smith letter to Edison Lamp - 1927
- 495 Sampson literature
- 496 Radio Trading Co.
- 497 Readrite literature
- 498 Supreme Literature
- 499 Powertone catalog
- 500 Tobe-Deutschmann literature
- 501 Clarion literature
- 502 Triad literature
- 503 Western Television Bulletin
- 504 Webster literature
- 505 Bosch literature
- 506 Sentinel literature
- 507 Arcturus #27 Blue tube
- 508 Arcturus #27 Blue tube
- 509 Book - Leutz - Modern Radio Reception - 1928 Edition
- 510 Mag. Citizens Radio Call Book Vol.6 #2 - 1925 VGC
- 511 Book - Riders Vol.1 distributed by Sylvania - VGC
- 512 Tube lot of 25 Loctals - marked Westinghouse 1954 - developmental?
- 513 Tubes - Qty. 8 Type 2A3's test OK - Qty. 3 probably bad.
- 514 Tubes - Qty. 6 large base 199's probably bad - display only
- 515 Tube lot 80+, mostly 26,27,24,24A balloon & ST, cond. Unknown
- 516 Books by Rider - Qty. 3
- 517 Catalog - Natnl. Radio Supply 1921 - VGC
- 518 RCA Institutes Course
- 519 Majestic Radio Catalogs
- 520 Radio Catalogs - Misc. Clapp-Eastham

- 521 Lyric Radio Catalog  
522 Weston Meters catalog  
523 Weston meters catalog  
524 Weston Meters catalog  
525 Weston Meters catalog  
526 Weston Meters catalog  
527 Misc Radio Parts catalogs  
528 Radio Parts catalogs  
529 Misc Radio catalogs  
530 Brunswick Radio Catalogs  
531 Tube paper, Mullard, RCA  
532 Zenith catalogs - 1930's  
533 Atlantic Radio Catalog, etc.  
534 Clarion Jr. - Poster  
535 Jones Radio catalog - 1914  
536 Tube - Marathon AC-608-A  
537 Misc. Radio catalogs  
538 Radio Craft catalogs 1920  
539 Wireless Catalogs  
540 Paper, Conneticut, Amrad,  
Wireless  
541 RCA - UV-201A - Qty. 2  
542 Victor needle tins - 1 old - 1 new  
543 RCA WD-11 BBTT  
544 A-K WD-11 breadboard tube  
socket  
545 RCA/Westinghouse WD-12  
546 deForest DV-5 - Qty. of 3 -  
Good labels  
547 Marconi tube socket  
548 RCA - WD-11  
549 RCA - UX 868 photo tube  
550 Brightson Blue tube  
551 Arcturus - 127A - Blue?  
552 Lot - Watch Case Meters  
553 Tube - Taylor Type 866 - Trial  
exhibit - looks unused  
554 Tube - W.E. Type 102-F - Trial  
exhibit - FOK  
555 Tubes - RCA sealed red/black  
boxes, 1 ea. 00-A, 01-  
A,22,82,83,84  
556 Tube - W.E. Type 205-D - Trial  
exhibit - gone to air  
557 Tube - RCA Type 50, Qty. 2  
(both test good)
- 558 RCA folder - 1934/36 Tube  
labels - Patent Marking  
559 RCA folder - 1937/38 tube  
labels - Patent Marking  
560 RCA folder - 1937/38 tube  
boxes - Patent Marking  
572 RCA folder - 1937/38 tube  
cartons - Patent Marking  
573 Tubes - RCA - Qty. 2 - 1 Type  
80, 1 Type 81 (both good)  
575 Tubes - Qty. 2 Type 80 (1 good,  
1 bad)  
576 Misc. Tubes - 1 good, 1 weak, 1  
bad  
577 Tubes - 1 Type 80 (good), 1 Type  
81 (good)  
578 Tubes - Qty. 2 Type 43 (both  
good)  
579 Tube reference manuals  
580 1935 RCA CRT manual  
581 1 Radio Craft + 3 Radio News  
(fair/poor shape)  
582 1945 Radio Amateurs  
Handbook + others  
583 Tube lot 30+ , octals, condition  
unknown  
584 Tube - W.E. Type 101-D - Trial  
exhibit - gone to air  
585 Tube - W.E. 216-A - Trial  
exhibit - GF.  
Tube - W.E. VT-1 - Trial exhibit  
- GF and gold pin tips  
586 Evaluation tubes by RCA, Speed  
Type 22 and three RCA Type  
27s  
587 Tube - Taylor Type 50 - Trial  
exhibit - tests good  
588 Tube - RCA Type 10 - new  
sealed in box  
589 Tube - RCA Type 50 - new  
sealed in box  
590 Tube lot 50+, octals, condition  
unknown  
591 Tubes - Qty. 2 Type 45 (1 good, 1  
weak)  
592 Tubes - Qty. 2 Type 45 (1 weak,

- 1 bad)
- 593 Tubes - Type 46 (good), Type 45 (weak)
- 594 Tubes - Type 10 (good), Type 80 (bad) Type 45 (weak)
- 595 Tube - Type 80 (good), Type 45 (bad)
- 596 Tube - Type 80 (good), Qty. 2 Type 45 (weak)
- 597 Tube - Type 874
- 598 W.E. Type 102-D
- 599 W.E. Type 102-D
- 600 Type 45 - Qty. 3 (all are weak)
- 601 Type 45 (good), Type 45 (Weak) Type 80 (Bad)
- 602 Type 80 tubes - Qty. 2
- 603 Development Photomultiplier tube
- 604 Tubes # PL-4D21
- 605 Tube - W.E. Type 300B - looks new - but tests only marginal good
- 606 Tube - RCA Type 843 - cannot test looks new
- 607 Tube - RCA Type 801 ceramic base - tests OK
- 608 Tube - Taylor Type 866 - Trial exhibit - looks unused
- 609 Tube - Taylor Type T20 - possible trial exhibit - looks unused
- 610 RCA - 7038 (gone to air) and what looks like a prototype of it
- 611 Tube - Taylor Type T40 - possible trial exhibit - looks unused
- 612 Tube - Taylor Type 872 - Trial exhibit - looks unused
- 613 Tube - Taylor Type 872 - Trial exhibit - looks unused
- 614 Tube - Taylor Type 872 - Trial exhibit - looks unused
- 615 Tube - Taylor Type 845B - Trial exhibit - looks unused
- 616 Tube - Taylor Type 211 - Trial exhibit - looks unused
- 616 Tube - Taylor Type 211 - Trial exhibit - looks unused
- 618 Tube - Taylor Type 845 - Trial exhibit - looks unused
- 619 Tube - Taylor Type 203B - Trial exhibit - looks unused
- 620 Tube - Taylor Type T125 - getter looks bad - probably trial exhibit
- 621 Tube - Taylor Type 210 - Trial exhibit
- 622 Tube - Taylor Type 866 - Trial exhibit
- 623 Tubes - Qty.3, 1 Type 26, 2 Type 27 - unusual internal construction
- 624 Tube - Edison-Bell - Type 71A - tests OK
- 625 Tube - RCA Type 5890 - condition unknown
- 626 Tube - Type 2A3 - Qty. 2 - Both test OK
- 627 Tubes - Philips brass based - 1 ea. Type A141, A110 - display only
- 628 Tube - RCA Type ZR400 - condition unknown
- 629 Tubes - Philips 1ea. Type E438, A406, B409 - Display only
- 630 Tubes - Qty 4 - variants of VT-191 - condition unknown
- 631 Tube - HIVAC 1 ea. AC/2, Y220 - condition unknown
- 632 Tube - RCA Type 830B - appears new - condition unknown

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**RADIO AUCTION  
FRIDAY NIGHT**

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Below is a partial list of items to be auctioned at the 2005 CC-AWA Annual Conference. These items are from the personal collection of a CC-AWA member that passed away recently. This is an absolute auction

and all items with the exception of the *Edison Concert 5" cylinder player* will be sold without reserve. More items may be added as the collection inventory is



finalized.

- 1 tube homebrew (1924)
- 4 crystal set repros - VGC
- 9 Repro crystal sets of various styles - VGC
- Abbott Inst. Mod. TR-4B aircraft transceiver - VGC
- AC Dayton, XL-5 w/tubes, VGC
- Adler Royal cabinet spkr. Usable pot metal
- Admiral Model 5X11N, no cracks
- Air Chief "Peter Pan" 40's Ivory urea - no tubes
- Airo-Master, w/tubes, looks good
- AK 10B green cans, w/ tubes - working
- AK Mod. 57 (green & blk.) F/G, needs restoration
- AK Model 20 w/tubes, orig. instruction bk. - VGC
- AK Model 20C w/tubes - EC
- AK Model 33 w/tubes - VGC
- AK Model 35 w/tubes - GC
- AK Model 40 w/tubes - VGC
- AK Model 42, w/tubes - looks good
- AK Model 84, marginal cabinet, rusty chassis
- AK Model M horn - VGC - works
- AK Mounted Variometer w/box - EC
- AK Variocoupler w/box - EC
- Aladdin Big Four w/ tubes, VGC
- Amplion AR-19 horn, bell repaired, holes in base
- Arionola Model 4 w/tubes - restored - VGC
- Atlas Type B horn speaker VGC -

- works
- Bosch Amborola, no tubes, VGC
- Bosch Ambotone, good pot metal - works
- Brandes Superior Headphones - G - works
- Brandes Table Talker horn, VGC - works
- Bremmer-Tully "Nameless" w/ tubes - GC
- Browning-Drake 5R circuit homebrew - GC
- Clapp-Eastham Type RZ - VGC - audio xfmr.?
- Columbia Grafonola Type C2 w/ crank, GC
- Confidence Type B tube tester, looks good
- Crosley 51, w/tubes, no cabinet, no engraving
- Crosley Dynacone, looks good, driver?
- Crosley Model 51 w/tubes - GC
- Crosley Musicone repaired base, driver?
- Crosley Pup, no bottom, repainted, FC
- Crosley Trirdyn w/tubes - GC
- Crosley Trirdyn w/tubes - no cabinet
- Crosley Trirdyn w/Tubes VGC
- Crosley XJ w/battery box, VGC
- CW Detroit - Horn Spkr. - VGC - work unknown
- Delco late 30's suitcase portable, work unknown
- Detrola Model 342, no cracks
- Eagle Radio Type B, w/tubes, VGC
- Echophone "moral set", looks VG
- Edison Concert 5" cylinder player - **RESERVE ON THIS ITEM** (see article on page 22)
- Edison Gem phono, w/cover & repro horn - VGC
- Emerson 1950's
- Emerson 7BW-179, no cracks,

- missing back
- Emerson Mod. FU27 suitcase portable - FC
- Emerson Model 505 portable, FC
- Emerson pretty girl store card about 20x16" GC
- Erla Model 5-11 balloon coil TRF w/tubes - GC
- Eugene Turney, 1921 one tube set, w/tube - VGC
- Fada kit circa 1924, w/tubes, looks good
- Fada Model P22, FC
- Fada Neutrolette w/tubes, refinished - VGC
- Franklin 3 dial TRF w/good O1-A's GC
- Freed-Eisemann NR-5 w/tubes, EC, hospital radio
- Freshman Master. Mod.85 circa 1933, looks good
- Freshman Master. w/internal horn, w/tubes VGC
- Freshman Masterpiece, looks good, no tubes
- GE A-63 (1935) tombstone. Needs cab. Work
- Grebe Model MU-1, w/tubes, VGC
- Hallicrafters Mod. 5R10A portable - GC
- Hallicrafters S-20R looks great, xfmr. may be toast
- Halson, refinished mini art deco tombstone
- Homebrew 2 transistor made 1956 - works
- Homebrew 3 Tube regen. w/tubes, VGC
- Homebrew 3 tube w/199's, panel only, GC
- Homebrew late 30's style P.A. - probably OK
- Homebrew crystal set
- Homebrew crystal set
- Homebrew crystal set w/ wave trap
- Inter-Ocean Radio Corp. 'A' horn, VGC - works
- Kennedy Model 281 - no cabinet
- King Am-phi-tone - headphone spkr - VGC
- King Mod. 80A, no tubes, VGC
- Kit 3 dial TRF, workrite coils, no tubes, looks good
- Lot of empty tube boxes
- Magnavox M1 Spkr. Gold overspray - works
- Majestic Mod. 70? Consolette, looks good
- Mantola Mod. D-611076, 30's farm set, looks OK
- Marlodyne w/tubes - VGC
- Marwol Jewel, crystal set?
- Meissner Model 8C FM tuner - GC
- Miraco Ultra 5, w/ tubes, Good - refinished
- Monarch cathedral by Detrola 1934 - VGC
- Motorola late 40's portable - FC
- Music Master Type 60, no tubes, looks good
- New AC supply to run old sets - very nice
- Novelty AC powered repro of Aerola Sr. - VGC
- Old homebrew 3 tube regen. w/ tubes
- Old homebrew crystal set
- One-of-a-kind circa 1922 set by GE engineer - VGC
- Paragon 3 dial TRF floor model w/ tubes - GC
- Peerless Cathedral Spkr - works - FC
- Philco 37-604, needs refinish, GC
- Philco 84B, no speaker, cab. OK
- Philco Auto radio (1935?) complete w/head
- Philco console 5 tube, 1935, restored - working
- Philco Model 90B, VGC
- Philco suitcase portable, 1939?, GC
- Pilotuner - FM converter - looks

- good
- Radio Service Labs. 3 dial TRF w/ tubes, GC
- Radiola 16 w/tubes - FC
- Radiola Balanced Amp., VG, no WD-11's
- Radiola III, w/UV-199's in adapters, manual, VGC
- Radiola III-A w/dummy tubes, looks good
- Radiola III-A, w/ UX-199's adapted, VGC
- RCA 45 RPM player, feeds radio amp.
- RCA Model 1-X-591, no cracks
- RCA UZ-1325 horn, works, VGC
- RCA Victor 8-T-243 9" TV, may be serviced, VGC
- RCA Victor 9-X-571, '50's VGC - needs cleaning
- RCA Victor portable phono, crank in lid, VGC
- RCA Victor portable, late 40's, FC
- RCA Victrola Mod V-209, 1941, console - works
- Reerless TRF6 w/good tubes, works, no cabinet
- Rutic Super V, w/tubes, VGC
- Sig.Corps. Wireless Set #19 MK II, VG
- Silver-Marshall, Shielded Lab w/ tubes - VGC
- Silvertone 109-279-2 mini wood cab. '40? VGC
- Silvertone 78 RPM circa 1920 phono, good spring
- Sonochorde Spkr. - Refinished gold - works
- Spielman Air Pilot, w/tubes, VGC
- Splittorf Mod. R500, w/tubes - looks good
- Steinite crystal set, over restored
- Stromberg-Carlson late 30's table set - FC
- TESCO Type A crystal set - OK
- The Radio Apparatus, Mod.7, slide

- tuner - VGC
- Thorola A Jr. Horn spkr. VGC - works
- Transvision 6" kit, 1946 - looks good
- Transvision 7" TV kit, 1946 5 chan. - looks good
- Travler suitcase portable - FC
- Tuska Superdyne Jr. w/tubes, looks good, work?
- W.E. 540AW cone spkr. - VG orig. cone - works
- W.E. Model 10D horn, works, looks OK
- West. RC w/tubes, looks good - work unknown
- Western Coil, WC15 Jr., w/tubes, GC
- Willard Radio 'B' slop jar battery eliminator
- Work Rite Neutrodyne, no tubes, FC
- Crystal set w/ General Radio tuner
- Zenith TO Deluxe 7G605 GC replaced handle
- Zenith TO Mod. 8G005YT

Buyers at this auction are reminded that there is no warranty, what so ever, expressed or implied on goods offered for sale by the owner or the CC-AWA organization. The CC-AWA staff assessment of item identification, authenticity, historical significance, condition or suitability for use carries no liability; you alone are to determine if the goods are worth what you pay.

complete - F to GC

**RARE EDISON  
CONCERT 5-INCH  
CYLINDER PLAYER/  
RECORDER  
CIRCA 1899-1900**



Here are the particulars:

1. Cover and cabinet appear to have original finish that is in good condition. Cabinet is sound but one plank in the base needs to be re-glued.
2. There is a reproducer head in good condition.
3. The recorder head needs a new diaphragm & cutter stylus.... Otherwise complete.
4. The original crank is there and the motor runs smoothly.
5. Paint & gold striping are original. Some minor rub-out of some of the gold stripe.
6. There is one Edison Concert cylinder. Some mold damage, no cracks and will still fit on the

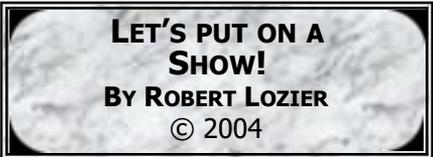
mandrel. Cylinder #B5  
Selections from Bohemian Girl  
by the Edison Grand Concert  
Band.



7. There is a large morning glory Edison horn to be sold with the phonograph but is not like the ones in advertisements for the Concert. Light rust on outside, otherwise sound. If the paint is too shabby for the new owner, this would be a good candidate for refinishing.



8. We do not offer a crane to support the horn. The Concert horn used a freestanding crane on tripod base.



**LET'S PUT ON A  
SHOW!**  
**BY ROBERT LOZIER**  
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No - this is not the start of the dialogue spoken by the cast of the Little Rascals. There will be no further mention of Alfalfa, Spanky, Darla, etc. However I do want to encourage you to think about ways you could tell vintage radio enthusiasts about subjects you find interesting in this hobby.

The CC-AWA, AWA and other organizations are working to make it as easy as possible for you to make presentations at club meetings and conferences. We can now provide you with video projectors, overhead projectors and even quaint projection equipment such as 35mm slide projectors and 16mm movie film projectors. The media in the electronic realm can be DVD's, CD's, VHS Hell! I can even come up with a Super BETA player in fine shape.

But as is little news to anyone, the use of digital cameras and flat bed document scanners with images recorded on CD's or DVD's is exploding. This is where I would like to give you a few pointers on how to prepare your images for easy presentation.

Not everyone has access to Microsoft Office to make Power Point presentations. A LOT can be done with a simple photo editor that permits you to save the images in the almost universal .JPG format.

Even if you have a DVD recorder

(burner), it is always best to record to a CD rather than a DVD. That way you have the best possible chance of having your disc compatible with the largest number of computer drives. I have noticed that there are a number of cheap DVD players out there that will play .JPG images directly but the image quality seems to suffer considerably. At this point just take this as a word of caution; It could be that I just don't know yet how to avoid such problems.

Keep the image file size in the 200 to 500k range. Unless you have an image processing program that is exceptionally good, .JPG files smaller than about 60k are not going to look so good on a really big screen.

If all you have is a small file, use an image editor to place a wide border around the picture so that the picture does not fill the entire screen. You will likely find the 'sweet spot' where the image is not so big that the pixels that make up the image detract too much from the over-all effect of your picture.

Don't plan to zoom-in or out on an image during your talk. You don't want to be trying to use a remote control you may not be familiar with in a darkened room. Make separate images cropped from your large image that focus on particular points of interest.

Take the time to make sure that your pictures are not too light or dark and that the contrast is not too extreme or washed out. Remember

that it is likely that it will not be possible to turn off all the lights in the lecture room. If you don't have a video projector handy, take the time to show your pictures on one or two other computer monitors in a well lit room before your first presentation. Here will be your opportunity to find out if the way you have your computer and monitor set up is significantly different from how someone else is likely to set their monitor. Don't hesitate to send a "pre-release" version of your pictures to the Program Chairman of the organization asking them to make a quick check on their projection equipment. More than likely they will be delighted to let you know what can be done to make your presentation look as good as possible.

In building your presentation, simply add a prefix number to each picture file name so they sort in the proper sequence. For example; if you had pictures with names like

Radiola\_3\_top.jpg  
Radiola\_RS\_top.jpg  
Radiola\_Sr\_top.jpg

and wanted to have them sort properly all you have to do is rename the slides like this:

00\_Radiola\_Sr\_top.jpg  
01\_Radiola\_RS\_top.jpg  
02\_Radiola\_3\_top.jpg

If later you want to add Radiola\_Jr\_top.jpg between the Sr and The RS, then simply name it 00a\_Radiola\_Jr\_top.jpg then it

would sort like this:

00\_Radiola\_Sr\_top.jpg  
00a\_Radiola\_Jr\_top.jpg  
01\_Radiola\_RS\_top.jpg  
02\_Radiola\_3\_top.jpg

Even simple photo editors will permit you to draw lines and add text to your pictures; just make sure that you do not make your photos too busy with information. Remember not everyone gets to sit in the front seat during the presentation. I think a good rule of thumb is that any text should be NO LESS than 6% or 7% of your entire image height. That means that you could fit only about 14 lines of text on a full frame.

Always stick with fonts that are easy to read from a distance. **Arial Bold**

**is one of my favorites. IT CAN ALSO HELP TO USE ONLY CAPITAL LETTERS.** Most image editors will allow you to simply lay the text right over the image but it is better to use the drawing feature of your editor to lay down a rectangle of solid color and place your text in contrasting color on top of this solid color background.

Adding pointers or numbers within circles that point to image features can also help your audience better understand your picture. There are at least a zillion fonts out there with which to express your creativity but save them for the printed page or close-up direct viewing on a conventional PC monitor

If you plan to make extended

comments and the picture on screen is not directly relevant to your comments then it is better to insert a text image with a bulleted list of the points you wish to make. If you think that your presentation might be interrupted with comments from the audience, consider inserting a blank image or just one with a neutral pattern that will not distract the crowd while the audience exchange goes on.

If the images come from your camera and are of subject matter under your control then more likely than not you have the right to use them in your presentation. Things can get more complicated when you photograph under other conditions. The best rule of thumb would be to seek permission before photographing people, objects on display and at events of a commercial nature. The same goes for images you copy using a scanner. Fortunately for us our subject matter and venues for presentation are not commercial in nature and seldom would be considered a flagrant violation of the doctrine of fair use. It is always advisable to mark your scanned images with a source credit. Relatively small but easy to read close-up to the screen. Something like: Radio Retailing – Nov. 1930 – Page 34

Take the time to rehearse your presentation so that you can give the Program Chairman a fair estimate of the time necessary for the presentation. Don't be offended if you are asked to come up with an abbreviated presentation or are told that there is not enough time to

present your subject properly at a particular event. Be patient and consider making the presentation at a future event. In general, featured lectures and demonstrations should run 20 to 40 minutes long. This gives enough time to follow up the presentation with interaction with the audience. You should also keep in mind that no matter how enthusiastic you are about your subject, it is not polite to run on past your agreed upon time slot. At conferences especially, The Clock is the most unforgiving master.

Can't go on for 20 to 40 minutes on your subject??? Don't hesitate to tell the Program Chairman that you have a 5, 10 or 15 minute presentation. I'll bet that sooner or later the chairman can figure out a way to pool your presentation with a few others to make up a program slot. Again you might have to cool your jets for a while before the right event comes along.

Well that's a little over 1,400 words on the subject. My advise to you is to give that favorite subject of yours a whirl. Don't hesitate to talk to one of your friends or a Program Chairman about the presentation and show some of the raw material you are thinking about using. I can guarantee you that your efforts will be appreciated and it will leave you feeling good about having contributed to the knowledge of your fellow enthusiasts. If Buckwheat, Spanky & the lot can put on a show, so can you..... Dang! I said it anyway.

**WILLIAM MEDD**  
**BY ROBERT LOZIER**

Last year I spent a day in Asheville researching the Hi-Grade Wireless Apparatus Co. I still have to make at least another visit there before I can be ready to publish anything about, what appears to be, the only company in North Carolina to manufacture a broadcast radio in the 1920's. The Pack Memorial Library downtown has a wonderfully complete run of the Asheville papers of the 20<sup>th</sup>. Century.



An item that caught my eye was from The Asheville Times of March 17<sup>th</sup>. 1937 ASHEVILLE MAN WAS FIRST TO 'TALK AROUND THE WORLD' a caption over his picture reads "CLAIMS RADIO RECORD"

Here is the text copied verbatim from the microfilm....

First of the talking voices heard around the world over radio telephone was probably that of William Medd of 114 Barnard avenue, Asheville.

Mr. Medd has a good right to claim that he is "the first man to talk around the world on radiotelephone." That was 30 years ago. There are not so many persons who know there was such a thing as radio telephone three decades ago, the

year Mr. Medd began his 'round-the-world cruise as radio-electrician on a battleship in 1907.

There was, in those days, a talking apparatus designed to work from ship-to-ship in fleet line-up or convoy regimentation at sea. This "talking-phone" was not powerful enough to work more than 20 miles, but Mr. Medd, who worked from the training ship, U. S. S. Essex, to the navy battleship, U.S.S. Pennsylvania, labored over his pet idea until he finally got responses from distances of 40 miles.

Mr. Medd, retired now from the U.S. navy and working on a book, "Navy Bill Joins the Navy and Sees the World," yesterday received a letter from J. L. Simpson, secretary to "Believe It or Not" Ripley, requesting his credentials and data relative to his early radio experiences. Mr. Simpson said in his letter that Mr. Medd would be invited to take part in the Ripley radio program some Sunday if his claims are substantiated. And Mr. Medd has plenty of credentials, including a letter from President Roosevelt.

**TELEPHONE GROUNDED**

Between November 8 and December 19, of 1904, Mr. Medd was on duty at Portsmouth, Virginia, working the "tireless watch," when he heard a man's voice. This was so uncanny, Mr. Medd investigated. It



*William H. Medd*

was found that the yard telephone system had become “grounded.” That was his first experience in hearing a voice “out of the air.”

Mr. Medd said that it was sometime in 1908 that he believes he established the first long-distance wireless record in the United States. This was from Pensacola, Fla., to Port Loma, California, 1,786 miles.

Mr. Medd also holds a record that is unique, in that if the city editor of The Pensacola (Fla.) Journal, on January 14, 1907, had “believed his ears,” he would have “scooped” the world on the Kingston, Jamaica, earthquake and fire.

#### **WOULDN'T BELIEVE STORY**

As to this Mr. Medd relates:

“I commenced to copy news of the destruction of Kingston, Jamaica’s earthquake, and subsequent fire, being stationed within the ship-to-ship radio talking distances within the fleet line-up, to The Pensacola Journal, but the city editor, disbelieving in vocal radio and the reliability of the information, and being unable to ‘check up’ on my report, refused to use the story. It was not printed, but Associated Press dispatches the next day told the Journal’s news editor the same thing that I had been able to get to him by radio telephone, ship-to-ship. I believe that this is a record, also, in that I could have reported a world disaster and The Pensacola Journal could have scored a ‘scoop’ on the world, including the Associated Press, by 12 hours.”

Mr. Medd’s radio log of December 12, 1907, now somewhat blurred by age, shows: “Communication for first time by wireless telephone with U. S. S. Alabama.”

Mr. Medd was then serving on a battleship and he believes that this fact makes him “one of the first radio telephone operators in the country.”

#### **DESCRIBES EXPERIENCES**

Describing his early experiences, Mr. Medd said:

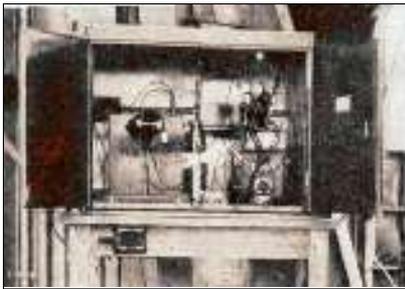
“My voice was the first to be heard around the world, via radio. It was also the first to be heard in various countries of the world. This was made possible by the history making cruise of the United States fleet in 1907 and 1908. Our talking radio reached about 20 miles. However, I managed, through my electrical knowledge, to extend this reach to 40 miles and practiced upon approaching ports or nearing other ships. The fact that I am able to say that my voice was the first to be heard around the world, via Hawaiian Islands, Philippine Islands and the Equator route through the Indian ocean. Our telephone radio was limited, but, with my extended apparatus, I got, not only ship-to-ship, but shore stations all the way around.”

#### **SERVED AS AN INSTRUCTOR**

Mr. Medd was instructor in wireless engineering at the American Wireless institute, Detroit, Michigan, in 1908 and 1909. He is, this year, celebrating his 35<sup>th</sup> anniversary in radio telegraphy and

his 30<sup>th</sup> in radio “telephony.”

Mr. Medd possesses many records of early telephonic radio work at sea. He owns a blue-print, dated September 11, 1907, recording the registration of the DeForest radio telephone. Mr. DeForest, about whom there was a story in *The Sunday Citizen-Times*, March 14, is a personal friend of Mr. Medd’s and Mr. Medd has letters from the scientist relative to the Asheville man’s experiences.



*DeForest 1908 Telephone*

Mr. Medd today sent Mr. Simpson his recount of his experiences as well as his references, and may be called upon to take part in a Ripley “Believe It or Not” program. He has been here for years, taking time out to “go places and see things”, he says. While he has a home and family here, he is always ready to “take off.” he says. The family understands. Mr. Medd is retired on a U. S. navy pension and is now busy on his book of experiences.

In November I was browsing through the March 1925 Popular Radio and this caption caught my eye.

## **THE PRIDE OF THE NAVY IN 1909, THE POULSEN ARC**

The picture below shows the old arc transmitter which was used aboard the U.S.S. Connecticut in 1909 when the American fleet made its famous trip around the world. Some of the earliest radiotelephone experiments were made with these arcs in the Navy. The piping shown is for feeding gas to the arc to increase its steadiness.



An interesting statement since Lee de Forest’s autobiography says his equipment was installed for radio telephony use on the ships of the entire North Atlantic Fleet prior to its globe circling cruise of 1908. A photo in the book shows the installation on the U. S. S. Rhode Island and there are references that his equipment was used for ship-to-ship radio telephony. Both Poulsen and de Forest were using arcs to generate a carrier and high power carbon microphones to modulate the antenna current. It’s probable that Mr. Medd’s training ship was equipped with the very same equipment. I wonder which one he used?

# A

## 29TH ANNUAL CONFERENCE OF THE CC- AWA CHARLOTTE NORTH CAROLINA MARCH 24-26, 2004!

### Thursday Highlights

- 12 noon – Tube Collectors Forum  
Tube Testers & Testing Tubes
- 1:00 PM – Vintage RCA Tube Production Slide Show
- 1:45 PM – German Enigma Code Machine
- 3:00 PM – The History of Italian Television
- 4:00 PM – CC-AWA Annual membership meeting
- 7:00 PM – Tube, Paper & Ephemera Auction

### Friday Highlights

- 1:00 PM – Old Equipment and Boyer estate auction
- 7:30 PM – Annual Banquet

### Saturday Highlights

- 9:00 AM - Vintage Ham Radio Forum
- 11:00 AM – Radio Rescue Auction
- 1:00PM – Annual Members Luncheon
- 2:00PM – Contest Room open for Viewing

# C

### Important Notice

The estate of retired RCA engineer Larry Boyer has been consigned to us to be auctioned at this years Conference. His fine collection of more than 300 items will be auctioned in two separate auctions. Thursday evening we will have a Tube, Paper and Ephemera auction. Friday afternoon will be our regular auction where radios and radio equipment from the collection will be auctioned. As always, any individual registered for the Conference will be able to submit items for both auctions; **HOWEVER**, because of the number of items from the Boyer auction, we will be limiting the number of auction items