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The OLD TIMERS BULLETIN is published approximately four times a year at Holcomb, N.Y. by and for members of the Antique Wireless Association, Inc., a non-profit historical society chartered by the State of New York.

This publication does not accept paid advertising nor is it liable in any way or any buyer or seller transactions entered into by its readers as a result of its contents. The Old Timers Bulletin is available only as part of the Antique Wireless Association membership fee and its issuance is subject to change as to frequency, content and size from time to time.

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(Write legibly. Enclose S.A.S.E. for prompt reply)

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Official business, Amateur activities, Net Lists

Richard Ransley (Secretary) 9 Belden Ave., Sodus, N.Y. 14551

Meeting notices, business reports, membership applications

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Museum activity and maintenance

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Bulletin mailing and back issues

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A.W.A. Museum slide/tape shows, Museum photographs

Bruce Holman, 701 Grand Central Ave., Horseheads, N.Y. 14845

Electrical equipment and light bulbs

Robert Morris, Sunset Lake Rd., RFD#1, Sparta, N.J. 07871

Houck Award Chairman and associated activities

REMINDER! Dues and address changes to Treasurer, NOT the Secretary.
Notes from the President's Desk

A.W.A. MUSEUM FUND

The A.W.A. Museum Fund was inaugurated in 1973 with contributions from Clarence Tsucha and Grote Reber. Solicitation of members was then made. Money contributed to the Fund by members and friends paid for fixing our part of the building and preparing displays for exhibit so we were able to open our Electronics Communication Museum in May, 1975.

Interest and principal from the balance of this Fund has since been used to defray operating expenses and improvements. The Fund is now at approximately $22,000. We need a balance of $40,000 in order to meet the annual operating costs and perpetuate the operation of the Museum.

Many of you long-time members contributed to the Fund, and some of you said that you would like to donate more at a future date. Many of you never members have not contributed to this Fund.

At this time I appeal to all members to consider making a contribution. Send in your check for five dollars or more and mark it "Museum Fund." As a member of A.W.A., you have a part in making available to the public one of the greatest radio collections of the world.

Charles Brelsford, Pres.

New Equipment
in A.W.A. Museum

HARD: W3AVY, W5E2X, N7JM, K2LE, W2IX, W2RIB, W3E6X, W5AW, K1ICP, W5EXH,
Gary Schneider, Marshall Helms, Union College and RCA.

SOFT: N7JM, W2BII, Art Trauffer, Fin Stewart, Morris Gorder

COMING EVENTS
ANTIQUE WIRELESS ASSOCIATION

LABOR DAY WEEKEND, Shelby, N.C. North Carolina Hamfest, Exhibit AWA
SEPT. 29, 30 and OCT. 1
National Historical Radio Conference Canandaigua, N.Y.

OCTOBER 14-15
New England ARRL Convention
Boxboro, Mass. A.W.A. Exhibit

NOVEMBER 12 Annual Meeting
Canandaigua, N.Y. (Sheraton Inn)
KING & COLONIAL

"A brief history of two Buffalo, N.Y. radio companies"

by

TOM ROSICA

W2GIR
Staff Engineer

GTE-SYLVANIA

KING

The King Manufacturing Company was founded in 1904. The company had one of the largest foundries in Western New York. These facilities enabled them to make shell casings during WWI.

Their main line was manufacturing sewing machines, the King Sewing Machine Co., which was formed in 1913. They eventually sold out to the White Sewing Machine Co. including patents in 1929. In addition, they manufactured bushings, wrist pins, spindles and other automobile parts.

In 1920 they ventured into the radio field and made their first battery set. The company continued manufacturing radios for the next ten years under their own name as well as for other companies. At one time they made a set for export to Phillips in Holland.

For several years they were a major supplier for Sears & Roebuck Co.

One of their more interesting sets was a 5-tuber called the "King Hinner Neutrodyne" named after the engineer who designed it.

Toward the end of the 30's, the company also manufactured hearing aids and carbon microphones. King Radio was a victim of the depression and phased out radio operation in 1930. The company held its identity until 1937.

COLONIAL

The Colonial Radio Corporation was formed from the defunct Cutting & Washington Corporation which was dissolved in 1924. Cutting & Washington was a pioneer manufacturer of receivers and transmitters for commercial use. Their equipment was designed primarily for steamship lines and government use although for a short time they also manufactured broadcast receivers and components.

A new company was formed in Long Island City with few assets of the former organization other than knowledgeable personnel and a bundle of drawings covering the design of a new table model receiver.

They decided to call the newly formed company "Colonial" and immediately planned a receiver of advanced design: a metal-etched panel instead of the familiar bakelite and a modern straight-line variable condenser of zinc die-casting.
Colonial merged with Valley Appliance of Rochester, N.Y. in 1927 and moved their Long Island plant to Buffalo in 1931 at which time they absorbed the defunct King Radio Co.

**DID YOU KNOW?**

A few years ago after WW2, I read in a Cleveland publication (?) a story of a group of Americans imprisoned in China by the Japanese. One of the prisoners was a radio amateur.

The Japanese allowed no magazines, newspapers or news of any kind so the ham set out to build a radio receiver. Overcoming insurmountable odds, he finally obtained sufficient material to make a regenerative receiver. Many of the parts were crudely made, but the set did work.

The Japanese hunted many times for the receiver and finally found it buried in the ground under a flower bed. Apparently the Commandant of the POW camp realized the tremendous ingenuity and effort that went into the set and saved it for posterity. It was turned over to the Allies at the time of surrender.

I understand the receiver was given to a museum. Does anyone have information as to its whereabouts?

D. P. Wiggins, W9CWG
Valparaiso Technical Institute
Valparaiso, Ind. 46383

**C & W Receiver $50.00 Complete**

For soberer than those of Jack the Giant Killer are the Seven League Boots of the modern boy, who roams the wide world over with his C & W Receiver—"Size in" on New York—rides over a continent to San Francisco—back over the mountains to a far-off southern city, getting news and song and story from every corner of his country.

1924 ad for Cutting & Washington receiver which used one UV-195.

Colonial Radio manufactured receivers and military equipment (during the war) until 1944 when they became part of Sylvania Electric.

Sylvania (Colonial) continued manufacturing in Buffalo for several years after which time they moved the Buffalo operation to their Batavia, N.Y. plant. The history of Sylvania, which was founded in 1901, is another story.

A. W. A. members at California Foothill Meeting, l. to r.: Lauren Peckham (Vacuum Tube Chairman), Paul Giganti (Co-Chairman of Meet) and Floyd Lyons (well known tube historian and collector).
Announcing:

THE HERROLD AWARD

At the Foothill Conference, the California Historical Radio Society initiated an award to be given annually to a radio historian "in recognition of his devotion to research and documentation of the history of wireless communication."

The first recipient is AWA Editor/Curator Bruce Kelley for his 42 years of work in the historical radio field. A handsome plaque, appropriately inscribed, accompanies the Award.

Dr. Herrold is one of the world's pioneer broadcasters: at his radio school he established an early radiophone station which has been in operation since its 1909 founding. It has had a succession of call letters including FN, 6XE and in 1921, KQW. In 1949 CBS acquired the station and the call changed to KCBS.

[Lauren Feckham]

The original station with Dr. Charles B. Herrold standing in rear center. Part of this equipment is on display at the Foothill College [California] Electronic Museum.

SOCIETY OF WIRELESS PIONEERS

A reminder: the SOWP Annual Xmas Party will be held Dec. 16-17. Operate between 50 to 60 khz. up from each end of the band. call "CQ Sowp". No need to submit log... just a friendly get-together of members. More info on SOWP, write: Bill Wilmot, K4TF.
A new book covering the history of radio written by Christopher Sterling and John Kittross, Professors of Communication, Temple University.

The radio historian who does not have a large library at his disposal will find STAY TUNED a book to his liking. It has 550 pages (7 3/8 x 9 1/4" case-bound) with numerous photographs, tables, etc. The price is $19.95 postpaid.
PETTY THEFT

Petty theft--Sometime ago, while visiting a friend in Rochester, I was invited to look at an unusual collection. His neighbor was a doorknob collector.

The neighbor turned on a light in his garage and I found myself staring at hundreds of beautiful doorknobs all nicely mounted on an 8 foot pegboard covering the entire rear wall. I estimated there must have been well over 200 with no two alike.

They were all shades of the rainbow: brass, porcelain, glass, wood and even some of wrought iron. It was a fascinating sight.

Later my friend confided that his neighbor was real deat with a screwdriver. He frequently carried a short flat blade which he could easily 'palm' in his hand. When visiting an old public building, museum or even a friend's home (assuming), if he spotted a doorknob to his liking, it would be just a matter of seconds before the set screw was loosened and the knob in his loose jacket pocket.

This brings up the subject of removing dials and knobs and sometimes nameplates from old radios. This became a problem at a well known public museum a few years ago. One out of four receivers had a dial, knob or binding post cap missing.

Closer to home was the removal of the small vernier drive knob (with rubber backing) for a dial on an early Atwater-Kent at the Spring AWA meet. The receiver was first placed on the table for 'checking in', then, along with numerous other items, left to be examined by prospective buyers.

Sometime before the auction, the knob was loosened and pocketed. Alright, you may say it is not much...but it is! It is the principle of the thing and can lead to greater theft.

We cannot tolerate this in our hobby. Sometimes an object is irreplaceable. The Ford Museum displays the rotary gap once used on NAA's famous spark transmitter. In recent years, a crafty individual entered the Museum and stole one of the 'points' from the large spark wheel. It had to be removed with a large wrench since the points are tightly fastened to the periphery. I hope the new owner enjoys his souvenir.

On the subject of petty theft, watch for this type of advertisement in the classified columns:

"Send $1 for super list of rare Bloopadyne receivers and other hard-to-find items, etc...at bargain prices...."

So you send $1 and receive a 1 or 2 page mimeograph list which may cost the sender 10¢ in quantity. The rare Bloopadyne receivers are of the common types at outrageous prices and the other items are equally uninteresting.

Our entrepreneur pockets your buck at a handsome profit and you have no recourse. A large SASE and maybe 25¢ should cover most sales listing....
Now Available

to

A.W.A.

members

LIBRARY

SHELF-FILES

Do you have a problem filing back issues of the OTB? This may be the answer. The box is received flat and takes only a half-minute to open and fold corners. It is made of heavy material and fits very nicely on a bookshelf. Each file box holds approximately 20 Bulletins.

In addition to AWA OTB's, the box is also the correct size to file: The ARCA "Gazette", the Official Journal for the Calif. Historical Radio Society, the Canadian Vintage Wireless Assn. "Cat's Whisker", the Indiana Hist. Radio Society's "Bulletin" and the Northwest Vintage Radio Society's "Call Letter".

They will be available at all AWA Meets (at cost) at only 48¢ each.

Available by mail if you pay packing and postage: 48¢ for one or $1.50 for two. Make checks to AWA and mail to Director:

Roland St. Louis
110 Lafayette Ave.
Geneva, N.Y. 14456

AWA NETS

PHONE (585)

Sunday ---- 12 noon 3903 Kc.
Tuesday ---- 8 P.M. 3866 Kc.
Monday -- Wednesday -- Friday
            9:30 A.M. 3866 Kc.
Tuesday -- 2 to 3 P.M.
            14270 Kc.

CW (Code)
            3584 Kc.

First Wednesday of each month 8 P.M.

Daily ---- 4 P.M.

Note: Frequencies are subject to plus/minus 3 kc. to avoid QRM and are E.S.T. (or E.D.S.T.)

Big-time operators:
"Bloopadynne 8, excellent condition for $1500."

The above set normally sells but for a fraction of the asking price. The originator of the ad knows this. It is game and he is setting the stage...

Then, how about the 'operator' whose ad generously states he will pay $50 for a Bloopadynne-6 knowing the going price is $150? Another game. I wonder who they are kidding?

DON'T OVERLOOK FLEA MARKETS

A bonanza for the collector restoring early AC receivers is any large amateur hamfest fleamarket. The recent Dayton and Rochester hamfests had an excess of wares for sale at giveaway prices. Boxes of new high voltage capacitors-- your choice 5¢ each or 6 for 25¢; transformers, chokes, etc-- name your price... and toward the end of the day... some fellows were GIVING the stuff away! We're living in the world of solid-state components... who wants high voltage parts? No one... except someone servicing an obsolete receiver or transmitter... or maybe an experimenter who likes to build... and they are in the minority...

Ken Greenberg (Skokie, Ill.) writes that he is the owner of a rare 'Sauceman Special' receiver described in the March OTB. He has been corresponding with the manufacturer, The British EverReady Co. of London, England, who informed Ken they started making the sets in 1950 for export to underdeveloped countries, mostly Africa. The company has long since phased out the operation, and replacement parts are no longer available.

DX CRYSTAL SET

DX Crystal Set. The Southern California Antique Wireless Society Gazette has an article describing how to build a modern DX crystal set. It is called the 'Lyonodyne' after the author who designed the circuit.

In a period of slightly over 12 months, he claims to have received 213 different stations in 27 states, 3 Canadian

(Cont. on page 12)
**THE TUBE COLLECTOR**
Conducted by Gerald Tyne

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**QUE:** Was the UX-222 the first screen-grid tube to be manufactured in any quantity?

**ANS:** In the United States, yes. Tetrodes were made in Germany to Walter Schottky’s designs during World War I.

**QUE:** I have a Sodion tube. Why was it not used more? It is rumored that RCA bought the invention to keep it off the market. Is this true?

**ANS:** The Sodion was a sodium vapor tube and probably required constant re-adjustment to keep it working at peak efficiency. With the adoption of r.f. amplification and ganged tuning, it probably died a natural death. I do not know of any purchase of it by RCA.

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**EARLY PHILIPS VALVES**
by Frans Driesens

Foreign tube collectors will find a brief history of this well known tube manufacturer in the June issue of the BRITISH VINTAGE WIRELESS SOCIETY's Bulletin. Well written with illustrations plus a complete list of all tubes (and specs.) issued up to 1925.

The company was organized toward the end of WWI by two brothers, Gerard and Anton Philips.

One tube in particular fascinated me -- the “Hearaf” rectifier. It had a 4-prong base with two separate filaments and was used to charge batteries. When #1 filament was used the other was the anode. When #1 burned out...you turned the tube around in the socket and used #2 filament (with the open filament) as the anode! (Clever these Dutch.)

You may have a Philips “Miniwatt” in your collection. This is one of their trade-names originating in the early twenties.

They had a small competition to find the name of a new series of valves. The two winning selections were: "Minivolt" and "Miniampl". They combined the two names into "Miniwatt" and gave the two winners each a box of cigars! (Carl Zeigler)

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**BOOK REVIEW**

**THOSE RADIO COMMENTATORS!**
by Irving E. Fanger, Professor at University of Minnesota

A new book featuring the life stories and photographs of fifteen major radio commentators of the 1930's and 1940's. A package deal, it includes two 6" vinyl records containing excerpts from broadcasts. Available from the:

**IOWA STATE UNIVERSITY PRESS**
South State Avenue
Ames, Iowa 50010

Book #1500-2 Price: $14.95

---

**END OF DC IN NEW YORK**
Remember the AC/DC sets of the 1930's using high voltage filament tubes such as the 2516? Most were manufactured for a good reason -- to cut costs (no transformer) during the depression years. But there was another reason -- many areas still used Edison's old 110 volt DC power mains. A recent letter from Bob Cobaugh, W2AY, tells of the last DC substation in New York City -- which was also the birthplace of the nation's municipal power station back in the 1880's.

Con Edison notified all users of direct current that their days were numbered, and back in December they pulled the big switch. The few users who still required DC (primarily for elevator motors in old buildings) are now obtaining DC power through some type of DC converter....
WITH THE COLLECTORS

RESTORING A MELODYNE RECEIVER

by Joe Horvath, W6GPB, San Rafael, Calif.

At one of our recent swap meets I bought a 'junker' Melodyne set thinking I would restore it to its original state. For six months I tried to get the wiring diagram and some kind of information on it. No one had ever heard of the set let alone having a wiring diagram.

Here I had this beautiful panel all engraved with original dials and condensers. So why not build a set with what I had?

After a lot of heavy thinking, I decided to build a super-het with two stages of TRF ahead of the first detector.

Under view of Melodyne

The oscillator and first detector gave me a problem. How could I couple them together? I decided on using the Remler #620 oscillator coil which has a separate variable coil for the pickup. This was connected in series with the TRF secondary winding.

![Diagram of Melodyne circuit]

Shown is the wiring diagram I used to wire up the first detector and oscillator. The rest of the set is conventional: standard parts and wiring. The

Note 11 UV type sockets second detector has battery bias because there is an awful lot of power coming into it by this time and the output is pushpull.

I am enclosing two photographs of the finished set. It is really a smooth working set and has worlds of power.

(Any other AWA members have a restoration job they would like to share with us? Please send at least one photo with info...)

11
NEW YORK CITY MONUMENT

Monument restored... in an earlier OTB I mentioned partial destruction by vandals of the VWOA monument located in New York City's Battery Park. Good news... the monument has been restored. It is faced with large metal plaques listing the names (and ships) of radio operators who lost their lives at sea.

FIRST CONDENSER MIKE

Somehow I had the impression the condenser microphone was developed around 1927 for use making early sound movies. Wrong again. The condenser mike was invented in 1916 by E.C. Wente, a Western Electric engineer. The first practical application was World War I bond rallies where they were used in conjunction with W.E. public address systems.

UNIQUE MUSEUM

Earlier this year I had the pleasure of visiting the Old Amherst Colony Museum near Buffalo during the Niagara Frontier Wireless Assn. meet. The club uses the facilities as their headquarters.

It was after some difficulty that we found the unimpressive buildings on a narrow crossroad. It had been a former Niki Base.

But what a pleasant surprise once inside the building: attractive exhibits of early American memorabilia tastefully displayed in several rooms: a huge doll collection and dollhouse, early posters, antique posters, novel mechanical devices and an exhibit of airplane engines! Yes, there were several huge aircraft motors including one of the first used on a helicopter.

The staff (including AWA member Van Brooks) is to be congratulated on their excellent museum... and of course there was a fine display of early radios provided by the club. An interesting place to visit... bring the wife and kids.

OFF-BRAND RECEIVERS

We're always receiving queries from members concerning an off

(Cont. next page)
"The Great Radio Boom and Bust", in which reveals the chicanery of the bull market of 1929.

Through it all the reader will meet many personalities in and around RCA and the industry. Carl Dreher is well qualified to write such a book as he began under the tutelage of Dr. Alfred Goldsmith from the Marconi days, as a wireless operator and became involved in broadcast engineering, motion pictures and RCA Photophone.

Dreher is a literary man as well, as evidenced by his writing style. For a number of years he was on the editorial staff of THE NATION and contributed to the ATLANTIC MONTHLY, IRE Proceedings and other publications.

This is his second book. Your reviewer had the privilege of knowing him, if only briefly, as well as many of the people he writes about during a tenure with the RCA Technical and Test Department in 1928-30.

Warren Green, W7JY
Mercer Island, Washington

CLOSEUP from Headquarters

brand receiver of the mid-twenties. They want to know where and when the set was made, the circuit and other information. It is not listed in Rider's Manual or in Vintage Radio -- how come?

A careful check will reveal most components are brand names such as Carter, Benjamin, Dublier, Frost, etc. If investigation could go further, they would probably find the set was made in a garage, loft or basement by 2 to maybe 20 workers, some part-time. The head of this enterprising group formed a company, often not licensed under RCA/Hazeltine patents (?), and other than assembling and wiring the parts, the only work performed in the shop was engraving the name on the purchased panel!

The owner depended entirely on local sales, and his operation was phased out toward the end of the 20's with the advent of A.C. receivers. To obtain information on this early TRF (?) set, one must do a lot of local digging with old time radiomen who may remember its origin.

WWI SCR-71 TRANSMITTER

Frank Krantz writes that he recently acquired a SCR-71 T-P-S transmitter made by W. E. for WWI military use. It uses two ground rods spaced apart instead of antenna. Anyone have info on this set? What does T-P-S mean?

CLASSIC COMMUNICATION SETS

Communication receivers made during the 30's and 40's are now gaining favor for collectors. For awhile, only old time amateurs were looking... (Cont. on page 14)
REVIEW OF RECENT AWA MEETS

CALIFORNIA: Foothill College-- joint meeting with the California Historical Radio Society. Total attendance nearly 200. Lauren Peckham Headquarters representative.

INDIANA: Auburn Museum-- joint meeting with the Indiana Historical Radio Society. Two day event. Dick Ransley and DexDeelely, Headquarters' representatives.

NEW YORK: Spring Meet and business meeting at Ionia, N. Y. Auction and dinner with entertainment.

NORTH CAROLINA: Southeastern Conference at Winston-Salem, Two day event. L. Moreau and B. Kelley Headquarters' representatives.

NEW YORK: Southern Tier and Central New York Meets with Lauren Peckham and Floyd Bennett as hosts. Dinners and programs. Large turnouts with nearly 100 attendance and 76 for dinner at Breesport.

Change In Address?
Mail information to the Treasurer who handles current mailing list.
(NOT the Secretary)
L.A. CUNDALL, W2LC
69 BOULEVARD PKWY
ROCHESTER, N. Y. 14612

FROM AUSTRALIA
I just received a large envelope in the mail from Australia -- a collection of 1929-30 "Wireless Weekly" publications from Fin Stewart. Fascinating reading. We'll reproduce some of the Australian 'ads' and other interesting material in a future OTE.

BLILEY CRYSTAL
Sometime ago a visitor to the AWA Museum showed more than usual interest in our small display of quartz crystals. The conversation eventually lead to where he volunteered to add

(Continued on next page)
more crystals to the collection and even write a short story on the subject of quartz crystals as a means of controlling frequency. The name of our visitor? Charles Bliley, son of the founder of the Bliley Crystal Company (Erie, Penna.)

POLCHU STATION

Art Goodnow, WIDM, not satisfied with reading about the Marconi Polchu station (of 1901 's' dot fame) had to go over and see the site for himself. Art and his wife spent several weeks in England this past summer and planned the Cornwall location in his itinerary.

HOW IS THIS FOR A BUY?

Have received numerous letters in the past several months from collectors telling of their latest 'finds' but the one who consistently comes out on top is Joe Szabat, WLIST... Typical is an AK Mod. 12 breadboard complete with brass-base 201s... $10. -- and how about a 23 tube Scott console for another $10. -- both found at local garage sales... Don't bother visiting Joe and offering him $15. -- he knows the score....

AN ACTIVE "SILENT KEY"

Ever find your name in the "Silent Key" column? This is what happened to R.W. Kuntz recently. A handwritten note was received that Dr. Kuntz, the well known Iowa State TV pioneer had passed away. A membership roster check showed R.W. Kuntz (?) in Des Moines, Iowa and it was noted as such in the OTH... all well and good until we found the spelling should have been Kurtz who had moved from Iowa to Arizona... sorry about this.

POOR MAIL SERVICE

I read with interest the June QST editorial which deplored the US Mail situation for 2nd and 3rd class mail. How well we here at AWA Headquarters agree, and once again, we remind members to have their AWA bulletin mailed first class if they want it on time. Otherwise, be prepared to wait up to 4 weeks for delivery -- at the whim of YOUR P.O. Department!

(Marketplace)

Need parts, tubes and speakers for restoring an old radio? Try the fleamarket at any amateur radio hamfest. There will be dozens of eager sellers unloading all kinds of radio components for next to nothing. Such signs as 'Your choice for 10c or 25c', 'Entire box for only $1'...)

We're living in a new electronic age and old tube components are a drug on the market. You can't even give away some of the stuff. Who needs capacitors rated at 400 volts? Power transformers using rectifier tubes, etc? -- no one except the antique radio buff and the experimenter. Its their market.

I might add one doesn't have to be a radio amateur to attend a hamfest. Everyone is welcome....

(Armstrong)

Some 200,000 papers tracing the anguished career of Edwin Howard Armstrong, inventor of FM radio, have been given a permanent place at Columbia University, affording historians of radio broadcasting an unusual new source of documentation.

Mr. Armstrong's inventions, which include the regenerative and superheterodyne circuits as well as FM, revolutionized radio broadcasting and developed the carrier signal that made television possible. His 42 patents made him rich.

Armstrong has been compared to Edison as a giant among American inventors, but he is also remembered in the broadcast industry as a deeply embittered man who ruined his health and morale in a series of lawsuits against patent infringers.

His correspondence with many of the leading figures in the arts and sciences is part of the new Columbia collection at Butler Library, along with legal papers and his inventive work. The task of cataloguing the entire collection was completed in February of this year.

(Copy from W4ZM)
RE-FORMING ELECTROLYTIC CAPACITORS

Members are cautioned to handle old electrolytic capacitors with care. We are not referring to used capacitors, but new ones that may have been on the shelf for some time.

They should not be subjected to the full rated voltage without first reforming the oxide layer. If this is not done, they may have high leakage which will result in failure due to internal heating.

K9MM tells how it is done in July '78 "Ham Radio" magazine. Place capacitor in DC circuit (proper polarity) with a resistor in series limiting current to about 10 ma. (if shorted). As an example, use 20,000 ohms in series with 200 volt capacitor (and supply).

Leave in circuit until such time that when checked the capacitor will hold the charged full voltage. A capacitor with high leakage will not measure applied voltage and drops off rapidly.

SPARK GAPS

There appears to be a demand for straight and rotary type spark gaps. Any member making these items for sale?

EARLY RADIO CATALOGS

Members who attended the AWA Meet at Winston-Salem, N. C. had an opportunity to purchase reprints of two early radio catalogs. It has been suggested they be made available to all members.

The largest of the two is the Sears, Roebuck & Co. 1923 edition. It was the hey-day of radio broadcasting and just about every product is pictured -- Aeriola Sr., RADA, all kinds of crystal sets, parts, components, early tubes, etc. There are even several pages devoted to amateur spark equipment. A wonderful reference book with plenty of nostalgia. Price: $2.

An earlier reprint is the Welch Scientific Co. "Wireless Apparatus" printed in 1919. Much of the equipment pictured is pre-WWI and now at a premium: loose-couplers, crystal detectors, early Audion detectors and tubes, spark gear, etc. There is even a coherer receiver! Price $1. 50 or BOTH catalogs $3.

They may be purchased at the AWA Museum store or by mail. Make check out to Marshall Helm and add 50¢ for postage for total of $3.50

Marshall Helm
127 King George Rd.
Greenville, N. C. 27834

What's that you say?

On the subject of rising costs, I read an eye-catching note in the MTC D&D: "For the first time in history, inflation is bringing us true democracy. Luxuries and necessities are selling for the same price!"
NATIONAL CONFERENCE

The
Antique Wireless Association
"An amateur organization devoted to the history of wireless"

SHERATON INN
CANANDAIGUA, N.Y.

On Rt. 20 directly on beautiful Canandaigua Lake,
770 South Main Street, Canandaigua, N.Y. 14424

SEPT. 28, 29, 30 OCT. 1

General Information...

REGISTRATION with meals MUST be made through Treasurer Dexter Deeley,
8 Briar Circle, Rochester, N.Y. 14618 before Sept. 29 [Note: Unlimited registration for all other activities available at door.]

MOTEL RESERVATIONS: There are numerous motels in the area. See listing sent out in Conference Newsletter.

LADIES PROGRAM: Check at Registration desk for special ladies program.

A.W.A. MUSEUM: The Museum will be open ONLY hours noted on the program.

AUCTIONS: Members wishing to sell equipment MUST register equipment during hours noted on program. Equipment will NOT be accepted after times noted.

TRAVEL: Although most members will travel by car, the nearby Rochester Airport has regular flights from all over the United States. One may rent a car or obtain a ride with a local member. If you desire a map with directions to find the Museum and Canandaigua, write AWA Headquarters, Holcomb, N.Y. 14469. In addition, Greyhound Bus has a regular route through Canandaigua from New York City and Buffalo. Check with your local office.

NOTE: Absolutely no admittance to Meeting Rooms without Registration Badge.

See page 31 for information about the two large AUCTIONS!!

NATIONAL HISTORICAL RADIO CONFERENCE
NATIONAL HISTORICAL RADIO CONFERENCE

Programming For Everyone

WEDNESDAY
7 - 10 P.M. A.W.A. Museum open (East Bloomfield)

THURSDAY
1 - 5 P.M. A.W.A. Museum open
3 P.M. REGISTRATION starts at Sheraton Inn.
7:30 P.M. "GIANTS OF THE PAST" Rare movie of WWI super-power transatlantic stations: Tuckerton, New Brunswick, Marion, Riverhead and Rocky Point. Sponsored by Society of Wireless Pioneers
8:30 P.M. REVIEW OF PREVIOUS A.W.A. CONFERENCES and regional Meetings (slides with music).

FRIDAY
8:30 A.M. REGISTRATION (Mandatory for ALL activities !)
8:30 - 11:30 A.M. Check in gear for Old Gear Contest (see writeup in OTB)
8:30 - 11:00 A.M. Check in gear for General Auction -- no late comers!
9:00 A.M. "COMMUNICATION EXPLOSION" Lou Moreau, W3WRE. The effect of military requirements of World War I that caused a rapid expansion in communications. (Theme #2)
9:45 A.M. "THE EARLY YEARS" Founding of the ARRL and WWI Signal Corp equipment for aircraft as told by Clarence Tuska (Theme #3)
10:30 A.M. BRIEF HISTORY OF FEDERAL TELE. & TELE. CO. Pioneer telephone and radio manufacturer. Dick Schamberger (Buffalo, N.Y.)
12 NOON SPECIAL LADIES LUNCHEON and Program at Colonial Inn
(Men on their own)
1 - 4 P.M. HUGE SWAP AUCTION for benefit of AWA Museum (10% of sale)
Joe Pawel (W6EOP) and work crew (Only members may participate)
4:00 P.M. A.W.A. AMATEUR OPERATION Ken Gardner, W2BGN
Old time equipment and net operation. Join the discussion.
6:30 P.M. SMORGASBORD (Main meeting room)
8:00 P.M. "A BIT OF OLD TIME ENTERTAINMENT" Rod Phillips
9:00 P.M. ARCA Meeting (Main meeting room)
9:30 - 11:00 P.M. A.W.A. Museum open (East Bloomfield)

SATURDAY
8:30 - 9:30 A.M. Check in tubes and lamps for tube auction (no late-comers !)
9:00 A.M. NBD "OTTER CLIFFS" The station that made history.
Rex Matlack, W3FCF (Theme #4)
8:30 A.M. LADIES TRIP (Bus leaves promptly at Main Door)
9:45 A.M. "PHILO FARNSWORTH" Television pioneer
Steve Hofer (Eastern Illinois University)
10:30 A.M. TUBE AUCTION Bruce Rolison and crew
NOON BUFFET LUNCHEON in main dining room overlooking lake.
1:30 P.M. WSL - SAYVILLE WWI mystery station. Thorn Mayes, W6AX
2:15 P.M. "VACUUM TUBE DEVELOPMENT and Identification" from the late twenties to present, Bro. Patrick Dowd, W2GK
3:00 P.M. "SHOW and TELL!" How you handled a restoration job. Award for best example. Everyone welcome to participate. Mel Comer
6:00 P.M. Cocktail Hour
7:00 P.M. PIONEER BANQUET, Awards, Contest Results and a good time!
Master of Ceremonies: Eddie Dunn, W2XT, pioneer broadcaster.

SUNDAY
10 A.M. - 5 P.M. A.W.A. Museum open (church parking lot closed until after church services).

(Note: 10% of auction sales to be donated to AWA Museum Maintenance Fund)
PROGRAM INFORMATION

THEME: WORLD WAR I RADIO STATIONS AND SIGNAL CORP GEAR

Theme #1-- This year's Conference will begin with a program Thursday evening sponsored by the Society of Wireless Pioneers (Pickerill Chapter). A rare and seldom seen movie taken several years ago will take one to the famous Chickerton (built by Germany) and New Brunswick (built by Marconi) stations in New Jersey. From there you will go Marion, Mass. (another Marconi station) and lastly to the huge postwar RCA Rocky Point and Riverhead stations on Long Island. The few feet at the end of the film is a WWI newsreel clipping showing Fessenden's BrantRock (BO) station being dynamited.

Theme #2-- WWI was a period of great technical advancement in the art of radio communication. It was during this time the spark transmitter and crystal set receiver was replaced by vacuum tube equipment. Lou Moreau will set the stage for the Conference Theme with rare and nostalgic pictures of the time. Don't miss it.

Theme #3-- "The Early Years" is a new AWA show with commentary by Clarence Tuska, co-founder of ARRL and President of the Tuska Radio Company. Mr. Tuska will tell us about early amateur operation and equipment and how ARRL/QST was founded. Then came the War. Travel with him to an Air Corp Signal School and learn about WWI aircraft receivers and transmitters. Collectors will find this program of particular interest.

Theme #4-- Most historians have read about NBD, the famous WWI station at Otter Cliffs, Maine and the crack operators that manned it. Rex Matlack has uncovered rare pictures and material on NBD including interviews with former operators. A one-time program not to be missed.

Theme #5-- Much has been written about station WSL at Sayville. Built and operated by the Germans at the start of the War, it was a scene of much intrigue until it was taken over by the U.S. Government. Thorn Mayes has done much research on the history of WSL including equipment used. His "paper" is a resume of all known facts about this unusual station of the past.

Both radio historians and collectors will find the above programs of unusual interest. Each presentation averages slightly over 30 minutes followed by a brief discussion.

HISTORICAL PROGRAMS-- In addition to the WWI Theme, several other outstanding programs are on the agenda:

"Brief History of Federal Tele. & Tele. Co." (Buffalo, N.Y.). Dick Schamburger has described the Federal receiver; now he will tell about the company itself: from a telephone concern and manufacturer of fine radio receivers to its final days. Valuable information.

"Philo Farnsworth" is almost a forgotten man. This brilliant inventor has sorely been neglected by television historians. The audience will find Steve Hofer's presentation most enlightening.

"Vacuum Tube Development"-- Bro. Pat has done exhaustive research on most all popular tubes made by RCA (G.E.) from the late 20's to present. A spectacular tube display will be part of his talk as he briefly tells and identifies some of the more unusual tubes. A collector's delight!

Our last program will be the ever popular "Show and Tell" handled by Mel Comer, of course... This session has always proved interesting to members encountering restoration problems. A prize will be given for the most original solution.

LADIES PROGRAM: There will be special programming for the ladies on both days. Information and time available at the Registration Desk.
LOCATION: Meeting room on main corridor at right of Motel Registration desk.

TIME: Check in equipment Friday morning between 9:30 to 11:30 AM. Remove equipment Saturday afternoon. Guard on duty at all times.

This year the Old Equipment Contest will carry out our World War I Conference Theme by emphasizing the wireless and radio equipment associated with that period of history. We plan to have six regular categories, three WWI military equipment categories and one category for equipment which was used prior to WWI. They are:

1. CRYSTAL RECEIVERS
2. REGENERATIVE RECEIVERS
3. SUPERHETERODYNES
4. TUNED RADIO FREQUENCY RECEIVERS
5. RECEIVERS not listed in the first four classes.
6. TRANSMITTING EQUIPMENT -- both tube and spark types.

7. WIRELESS EQUIPMENT USED PRIOR TO WWI
   (This category includes instruments and complete units. Bring such things as tuners, couplers, spark coils, wave meters, detectors and anything which clearly exemplifies very early days of the radio art.)

8. RECEIVERS USED AT THE TIME OF WWI
   (It is expected that the entries will be military equipment predominantly, but there is no intention to make the category exclusively military. For non-military, please bring information along to show how the operation was related to World War I.)

9. TRANSMITTING EQUIPMENT USED DURING WORLD WAR I
   (This category includes equipment used with transmitters as well as the transmitters themselves. Transceivers are of course included in this class. Again, the qualification for Category 8 applies.)

10. COMMUNICATION EQUIPMENT ASSOCIATED WITH WORLD WAR I
    This class includes items not directly enterable in the receiver or receiver classes. This category is intended to attract auxiliary pieces which was used in the wireless art or in support of military activities of the armed forces in the conflict. There is no intention to limit the source of the equipment. Wire equipment or message handling gear that was related to military communication would be valid entries. (Note: Anyone who chooses to enter a pigeon, although this may be a valid entry, must be prepared to help the judges cope with the consequences.)

OPEN HOUSE

A.W.A. ELECTRONIC COMMUNICATION MUSEUM
East Bloomfield, N.Y.

VISITING HOURS

WEDNESDAY: 7 to 10 P.M.
THURSDAY: 1 to 5 P.M.
FRIDAY: 9:30 to 11 P.M.
SUNDAY: 10 A.M. to 5 P.M.

Museum will NOT be open Saturday at anytime.

Be sure and sign Museum Guest Book.
POWER SUPPLY FOR BATTERY SET

I've built several "A" and "B" supplies through the years to power old battery sets, mostly from junkbox parts or flea market sales... They all worked after a few substitutions or replacements -- but there was always something to be desired -- particularly a source that would power a wide variety of sets and one that had decent appearance. Being too lazy to design and build an all-around power supply, I acquired a commercially built unit from Gary Schneider, who has been making them for the past several years.

I wasn't disappointed. Briefly, the unit consists of three completely separate supplies: "A", "B" and "C" with no internal connections which makes it universal since some sets have different connections for the A, B and C leads. All supplies are voltage regulated and hum free. Five different connections are available for each B and C supply. The 'A' supply is variable from 0-7 VDC at 2 amps.

I've tried it on several sets in the Museum with excellent results. It is currently powering an Atwater Kent 5 tuber using 201-As used for demonstration purposes. Price is $109.50 postpaid.

I am sure it would have taken me at least 15 hours to design and lay out a circuit, purchase the parts, drill and punch the holes in the chassis and cabinet, assemble and wire -- and test. Assuming I am worth $5 (?) an hour x 15 hours = $75.00 I know I couldn't get all the parts and meter for $34.50, so it is a good buy for the money. Oh yes, Gary gives a one year warranty. (See notice elsewhere in OTB)

ANOTHER OLD TIME TRANSMITTER

Old time DX'er and retired ARRL member Byron Goodman, WIDX has been 'bitten by the bug' and is currently building a 1930 TNT xmtr using a pair of UX-245's. AWA supplied him with a pair of brown porcelain insulators to support the copper tank coil. We'll be looking for IDX in a future OT DX Contest...
CLOSEUP from Headquarters

MUSEUM VISITORS

One evening while on duty at the Museum a fellow came in who appeared quite knowledgeable. There wasn't much I could tell him about commercial gear, broadcasting, amateur operation, etc. I was curious. What is your name? Where are you from?

"My name is Dunlap and I was originally from Niagara Falls."

There was something wrong here. Orrin Dunlap from Niagara Falls became a Silent Key several years ago and would be much older. I said so and he agreed.

He was Dunlap's nephew. His name was Charles Dunlap and was on the engineering staff of Harris RF Communication working out of Wisconsin.

We then reminisced a little about his famous uncle. Orrin was a well known pre-WWI amateur (BLQ) who later went to Harvard Radio School and became a member of the operating staff of NBD at Otter Cliffs. The station was well known for its excellent record in handling transatlantic traffic during the war.

Following the war he became Radio Editor for Scientific American magazine and later for the New York Times. Orrin retired as Vice-President of RCA.

Radio historians best remember him for the several books he authored including a biography on Marconi. I told his nephew that radio must run in the family. He agreed and promptly handed me $6.50 and became an AWA member....

There were many other interesting people who visited the Museum this past summer. While I was on duty one Sunday, a rather distinguished gentleman came in and showed immediate interest in the early commercial gear. He told me he was from Boulder, Colorado. Did he know AWA member Yardley Beers, W6JF at the U.S. Bureau of Standards?

Yes, of course. He and Yardley were good friends and he too was with the Bureau. His name was Wilbert Snyder. His job? A veteran of nearly 50 years, he was in the process of compiling and writing the history of the Bureau of Standards. I am sure radio amateurs will find the section devoted to station WWV as well as other parts of his work to be of great historical value.

VISITOR FROM LONDON

I have corresponded with Anthony Constable and read his historical journal for the past several years. Tony lives in Ealing (a suburb of London) and is the guiding hand behind the British Vintage Wireless Society. On his most recent trip to America he scheduled the AWAMuseum in his itinerary.

As a nuclear physicist, he had attended a scientific seminar in Boston and was on his way to Toronto and Ottawa before returning to England. Tony is a charming fellow, and Helen and I were pleased he could be our guest. He told us much about collecting in England as well as Europe since he also attends scientific sessions elsewhere. I learned that crystal set collections were popular in England because there are more available than valve (tube) receivers. There are several reasons for this.

One is that all early broadcast sets required a government license, as the complexity of the receiver (number of tubes) increased, so did the license cost. Crystal sets were at the bottom of the license fee scale so were more popular as well as less expensive to manufacture.

While in the Museum, Tony spotted our Marconi Multiple Tuner which AWA had received from the British Marconi Company at Chelmsford. He told Linc it was a real early model (1906-07) since it had a wooden platform instead of the later ebonite. He is on call at the British Science Museum where he has restored several early pieces of wireless gear. I hope he can make one of our Conferences sometime.

RARe MECHANICAL RELAY

Many new pieces of gear have been placed on collector's shelves in the past several months—some most unusual and one of a kind. An example is the Marconi (Brown) Telephone re-
peeter pictured in Tyne's SAGA, page 202, now owned by Lauren Peckham. This early electro-mechanical device functioned as an amplifier before the advent of the vacuum tube amplifier and was believed to have been used at the pre-WWI Marconi Hawaiian station. A rare item indeed.

MORE ACTION IN OT CONTEST

I just read the results of the 1978 OT Xmtt Contest by W2BGN. It is a shame more members don't participate for they miss a lot of fun. One doesn't have to have an old transmitter or receiver or be a speed king to enter. Several entrants are phone operators who seldom work CW... and believe me, when these fellows come on at 10 WPM, understandably, everyone slows down for them. They are always welcomed. Transmitter?? Power?? Check the score sheets in the June OTB and I'll bet you too can easily qualify...

OLD METERS CAN BE EXOTIC

Schools have been a great source of rare material for the AWA Museum. Early electrical and radio artifacts have been donated to AWA from Worcester Tech, Colgate, R.P.I. and Cornell, for example. The latest acquisition was another load delivered by W2GB from Union College: several exotic light galvanometers, 1890 light bulbs, plus an unusual resistor in wooden box used as a 'standard'. The peculiar looking resistor was last checked on July 3, 1884 and measured 1,001,16 ohms at 21.46 degrees centigrade... nearly 100 years ago!!

I.H.R.S. MEET

The fall meeting of the Indiana Historical Radio Society will be held Saturday, Oct. 14 at Valparaiso Institute, Valparaiso, Indiana. Guests are welcomed. There will be a Swap Meet starting at 10 A.M., a lunch and program followed by business meeting in the afternoon. The Wireless and Electronics Museum on the campus will be open all day.

NEWS IN BRIEF

Chuck Named Fellow

Chuck Breilford, a Kodak Research Laboratories retiree, has been elected a fellow of the Rochester Museum & Science Center. He was cited for his achievements in radio technology. Chuck, who first obtained his amateur radio operator's license in 1923, is president of the Antique Wireless Association and was a founder of the Association's Electronic Communications Museum, which is located in East Bloomfield, N.Y.

Byrd Rescuer

T.C. Poulter

Is Dead At 81

MENLO PARK, Calif. - Thomas C. Poulter, who led a dangerous rescue effort that saved Admiral Richard Byrd's life in the Antarctic, has died in his laboratory. It was reported Friday. He was 81.

Meanwhile in Saskatchewan, Alberta, is striking the medals for RCA, Montreal, in 360 fine silver. According to a Canadian publisher, purchasers of RCA silver anniversary Color-Trak TV sets this fall will receive the medals as a promotional bonus. The plan apparently only involves Canada.

RCA uses medals to revive Nipper

RCA, which quietly dumped "Nipper" as its corporate logo in the 1960s, is reviving the little bull terrier with ear to photograph on a set of 6,500 medals.

SHERWOOD, Ont.

World Telephone Total 400 Million!

From 1921 to 1977 the world's population has more than doubled... from just under two billion in 1921 to over four billion in 1977. During the same period... a bit more than a century... the world telephone total has zoomed from under 25 million to nearly 400 million... a 16-fold increase!

For 20 consecutive years... 1955 to 1975... the number of telephones in the world grew at an annual rate of more than six per cent. In 1975, however, the growth rate declined to 5.9 percent... and in 1976 the growth rate was only 4.9 percent.

METER PIONEER DIES

Ray Simpson, pioneer meter manufacturer for Jewell Instrument and Simpson Electric Companies passed away at the age of 88 years.

COLLECTOR'S GUIDE

Most AWA members have Brent Dingman's "Collector's Directory", a large listing of clubs and individuals interested in collecting. If you haven't, send SASE for latest information and price.

Brent Dingman
Box 15570
Long Beach, Calif. 90815
OLD TYME ADS are FREE to members interested in collecting and restoring historical equipment as a hobby. They are not to be abused.

RULES FOR ADS:
1. Ad MUST be written on separate sheet of paper—not part of letter. Send SASE for acknowledgment.
2. Material must be over 25 years old and related to radio or electricity.
3. Give full address and Zip.
4. AWA will not print repetitious ads or ones indicating regular sale for profit.
5. The Association is NOT responsible for any transaction.
6. AWA retains the right to reduce size of ad if over 8 lines including address.
7. Only one ad per issue per member.
8. Deadline for ads is 6 weeks prior to mailing date:

   March issue -- JAN. 15
   June issue -- APR. 15
   Sept. issue -- JULY 15
   Dec. issue -- OCT. 15

Important: To insure delivery, out-of-state mail should be sent one week PRIOR to dates noted above.

Mail all ads to:
Antique Wireless Assn.,
Main Street, Holcomb, N.Y.
14449 U.S.A.

WANTED

--Carbonum detector cartridge holder complete w/ molded socket potentiometer & battery holder. Swap 3 good UX201A tubes. Morris O'Brien, 5 Edgar Rd., San Remo 3925, Victoria, Australia

--parts for Westinghouse DA, AK broadcast, deForest & WSA.

--Trade or sell bat. & early AC sets. Send SASE. Bob Husted 299 East Boca Raton Rd., Boca Raton, Florida 33432

--main tuning knob & on-off knob with coarse serration for Philco 70. Also main tun. knob 1 5/8" dia. & on-off knob 1 3/8" dia. for AK Mod. 84, & dial plate for Philco Mod. 20 James Ross, Box 1128, Beamsville, Ontario Canada. LOR 1B

--parts for Radiola III. Have cabinet, panel, coil but need small parts. Also need 2 early deForest dials. Henry Weeden, 7315 Maple Ave., Takoma Park, Md. 20012

--tech info bulletin/handbook on Scott 30 tube Philharmonic revr. Need info on rf/t/osc. alignment procedure, rf & if sensitivity & a/e data plus circuit & parts list. George Askey, 105 North Avon Rd., Richmond, Christchurch 1, New Zealand. 2674

--Supreme TV manuals, Riders #26, 21, 22, 23, index to cover. Also factory serv. Ltr. 1219 to 1942 AC sets. William Henrieck, Route 1, Terra Alta, W. Va. 26764


--early AC sets, state condition, make, model & price. H. F. Schur, 115 Intercept Ave., North Charleston, South Carolina 29405

--schematic for RCA #165-B tube tester, Stromberg-Carlson #3-A ART, 161 ballast tubes. Stan Gross, 2826 St. Paul Blvd., Rochester, N.Y. 14617

--Radiola 67 power xmr. orig. & working. Would consider complete chassis with good xmr. Need factory serv. manuals for RCA, GE, AK, Gillifin, etc. plus dial lamp hood for Rad. 17 & 18. Bob Goodman, 7945, Ponce, Canoga Pk., Calif. 91304

--complete skp for Radiola 26, tube access cover for Rad. 26, dial lamp shade for Rad. 18. Bruce Boyd, W3QA, 9003 Man oral Lane, Ellicott City, Maryland 21043


--cabinets for Tuska 228, Echo phone, F-5, Radiola 26 (don't need loop or door), also Pep Mech. for Feb 28, 1929, A.A.P. for Kodel & Tuska 228, G. B. Sargent, 106 Chestnut Rd., Quincy, Ill. 62201

--ARRL License Manuals, Editions: 3, 4, 5, 6, 7, 8, 10, 12, 14, 15, 16, 18, 20, 21, 22, 24, 26, 28, 33, 42, 43. Learning the Code. Cpeid Edit. 1, 3, 4, 5, 12, How to Become A Radio Amateur: Ed. 6, 8, 9, 11, 14, 16, 24, Ed. Kain, KF7, Tumblebrook Lane, West Hartford, Conn. 06117

--SAW members who had the National 1-10 receiver at the 1977 Old Equipment Auction still has it—please contact Don Sheehan, 15 Arcadia Rd., Andover, Ma. 01810

--equipment made by James E. Miller, Co.; scopes (bench and portable types), heterofilo audio Q-multis 9000, 50w. xmr, etc., other Miller items. State condition and price. Need to finish display. Tom Rutherford, 2 Stearns Ave., Townsend, Mass. 01468


--Radiola Sr. Type RE receiver. David Shanks, 115 Baldwin St., Bloomfield, N.J. 07003. Tele: (201) 748-8820

--2 knobs for Pilot Mod. H-554. They are 1" outside dia., brown with molded pilot-wheel emblem. Also instruction manual or info to repair electric tuner. Don Augenblick, Box 58, Armonk, N.Y. 10504

--Info to restore AC Radiola 28 (AR-89) & mod. ID4 spkr combination. Service manuals, instructions, correspondence. Will pay for Xerox with info. Mark Kidder, 129 Howell St., Canandaigua, N.Y. 14424 (716-394-0889 evenings)

--AFA's for RADA, Radiola III, open coils ok. Sell AR broadcast parts (replicas), Jewell wavemeter, list for SASE. Write K. Parry, 17577 Horse St., Granada Hills, Calif. 91344

--Emerson Mickey Mouse radio either complete or parts. Knobs for Radiola 18, 4-prong plug for AK-55 spkr. Jim Sargent, 229 Harrold St., Jacksonville, Ark. 72078

--want RCA IP-501 receiver. Write R. Randall, KEARE, 1623 Lakehurst Rd., Livermore, Calif. 94550

--RF coil for Radiola Y (AR100) also Novelty & character radios wanted. Have sets to swap. Bob Lane, 2501 Indep. Ave., Kansas City, Mo. 64124

--want Crosley materials—need parts, sales literature & speakers. Prefer to buy, but possibly trade. Radiola V and VI, TV, and also Federal 90 for interesting items. Dave Crowe, Tavern Path, Plymouth, Mass. 02360

--Owner's manual for Radiola '88 & Kodel 'C-13', Schematic for Kodel C-13. Photoscopes OK. Paul Neupert, 32 Deiton St., Tonawanda, N.Y. 14150

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WANTED

-- AC sets 1928-38, Magnavox M4 driver only, old B & C battery eliminator, old style lead-acid battery in rebuildable condition, Freed-Eisemann spkr, send price & description. Larry Dighera, Box 1200, Santa Ana, Calif. 92712

-- still looking for RCA LOE speaker condolences. Also need LCD Projection card for Westinghouse La-una. (Copy or org.)

William Zuela, 417 Circle Blvd, New Port Richey, Fla. 33752

(Tele. 813-613-2157)

-- brass pulleys, set of three for AK-30; 2 grid resistors for AK-20; Grobe Synchrophase cabinet and large ait. Mike Tuggle, 909 Moores Mill Rd., Del Air, Md. 21014

-- Issues of Pacific Radio News & 'Radio.' Have for trade late issues of 'Radio' also 'Electrician & Mechanic' and some Electrical Experimenter. Thorn Mayer, W6AX, 21120 Sullivan Way Saratoga, Calif. 95070

-- need your 'dual' brass base WB-10s for my Radiola Grand. Willing to pay reasonable price. E. I. Hite, W6AFL, 107 Hilcrest Dr., Clemson, S. C. 29631

-- RCA TRK-5 1933 small-screen TV console with radio, TRK-12 or TRK-120 tv console/mirror in RCA K61, K601, 10T1, 8T10 T817 TV. Write or tel. Sect. Carlton Sparer, 256 West 88th St., New York, N.Y. 10024 (212-873-2904)


-- tubes for Browning-Drake set & tubes for National HRO-60. John Asanac, 10165 Bensley Ave., Chicago, Ill. 60617

-- Bunnell telegraph sounder... will pay cash or trade electronic equipment. send SASE for list.

Joseph Rich, KIWP, 162 Wood- west Ave., Stratford, Conn. 06617

-- help through correspondence in repairing Radiola 22, Coronado 7755K and battery sets. Leo Tephi, Geddes, S. Dakota 57742

-- projects from ARL or RADIO handbooks of 1930's especially a "Simplified High-Performance 80 in 1" by Geo. Grammer from 1933 QST. Nagle, K4JJ, 1230 East 76th St., Cleveland, O. 44106

-- 22070 Tele. 703-520-5066

-- 300 degree vernier dial: National, Karas or similar. One Silver-Marshall 258 AFT in good shape. Pay cash or trade. William Gregor, 80 Cone St., East Wapeke, Mass. 02023

-- Atwater-Kent breadboard items, parts, deforest unit panels and parts, old radio catalogs especially #14 Wm. B. Duck catalog. Glen Angle, KSTAM, Clear Lake, South Dakota 57226

-- Radio News, Crosby Pug, AK-9, Grandfather clock radio, Manuals (org. or copy) for AK-30, Browning Drake 5E, Crosley 50/50A/5J, Philco 90, unusual cone or horn spkrs. Have spkrs to swap. A. R. Nolf, 620 Auburn Cr., Burlington, Ontario, Canada L7L5B2

NOTICE

Ad are being received that are VERY difficult to read. Please print or write legibly. Also... state whether item is 'For sale' or 'Wanted.' We're not mud-readers...

-- info (Xerox OK) on Philco B-60 'B' supply; manual for RCA SW converter, schematic, etc; for Browning Drake SE, tube kit, spacers & rf coil for Crosley XJ 2v6, Info on Philcoinfonics, controls, etc? R. F. Lucier, 310 E. Houlton St., Monroe, South Carolina 26110

-- need Kennedy binding post cap & Federal, Freed-Eisemann, Grebe & Kennedy Apts. Arthur Harrison, 1021 Falcon Drive, Columbia, Mo. 65201

-- RCA Mod. 14X chassis RC-1001D in restorable condition, Philco 165 dial escutcheon and shutter, Vol. 1, 2, 3, 12, 22, 23 Radios radio, plus Scott parts or original literature. George Harriss, 3212 36th St., Lubbock, Tex. 79343


-- crystal radio using 2" dia. loss coils, two or more variable condensers, antique tuning knobs, wood cabinet and horn spkr using hi-temp driver. Vic Kister, W3AWC 1860 Woodlawn Rd., Abington, Penna. 19001

-- need for CK-9 restoration: 3 Grebe UV-201 brown bakelite tube sockets. Cash or trade. Ross Smith, 1135 Strong, Elkhart, Ind. 46314

FOR SALE and/or TRADE

-- 19 volumes Riders No. 2 thru 12 (S55 with index. QST, 1930's 10$ per year. RCAUSP-30spk-unit ok but appearance poor 030. Amplifier driver-10$, restored AC sets like new. Need cabinet for Philco 20B, Don Dean, 1711 Colleen St., Sarasota, Fla. 33571

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-- sell Millen Yari-Arm VFO. want deForest spherical audion. John Smith, W4AG, 1524 Dolphin Blvd., St. Petersburg, Fla. 33707

-- last pre-WW2 Stromberg Mod. 455/585 (no console) old fm 40-44mhz, am 5.8-18 mhz and be .54-1.7mhz. remote control tuning, 12" woodgrain, crossover network, needs tubes. Best offer. Bring to Canandaigua, Fitch, W3AW, 9406 Evans St., Philadelphia, Pa. 19115

-- sell/trade Wurzler juice box Mod. 550, 1937 in excellent condition but needs work to play. Need Crosley ait for Crosley XJ. Jack Piper, 504 Bay St., Brockhaven, Miss. 39426

-- sell vacuum tubes, send SASE, cheap prices. Joe Cadrecha, 229 S. Prospect St., Burlington, Vermont 05401

-- trade W.S.A. IP-500 receiver and assoc. audion box. Want small Alexanderson alternator or Mod."M" Edison electric cylinder phone J. Bowditch, 312 West Davis St., Ann Arbor, Michigan. 48104

-- all metal floor model AK-52, original finish, works good. $100 if I have to ship. $75 if you pick up. Jim Dates, W2QLI, RD#2, Caton Rd., Corning, N.Y. 14830

-- sell Radiola LV, Westinghouse RAD, Artspot 3 tube, Scott All Wave 12, Grebe MU-1. Want any Marti or Colonial Globe sets. Richard Cane, 5311 N. W. 21st St., Sunrise, Fla. 33322

-- Neutrodyne type tube (20LA) made by King-Hinner $50, Philco Mod. large cathedral 360, AK-20 & 30 for parts. What do you need? Brass base 20As, good tin. $12. each. Fred Lim, W5ZNF, 2929 N. Shepard Ave., Milwaukee, Wis. 53211

-- free list of early radios for sale plus mint. items, SASE. Donnis Peterson, 5701-40 Ave, South, Mpls., Minn. 55417

-- sell wireless parts circa 1915: 1 1/2" spk, collana & silicon detectors, etc... radio parts of the 1920's: variometers, doughnut coils, etc. Inspect at convenience. cash, reasonable offers accepted. Paul Andrew, 212 Parsons Drive Syracuse, N. Y. 13219 (315-468-3978)


-- radios, speakers, tubes, meters, test equip., magazines, parts, books, 8 page list '75 price plus SASE w/ 25c stamps. List 10M-78

Frank Krautz, 100 Osage Ave., Somerdale, N.J. 08083
--swap good AK untuned rf transformer for good AK breadboard detector unit. Also new in box AK phone spkr. driver for an AK coupled cir. tuner. Yates Hoag, 2LD, 3 Pineview Dr. Utica, N.Y. 13502

--sell UX-12 tube in original boxes, good substitute for WD11 by using adapter, also other tubes, parts, magazines, etc., SASE for list. Harry Cap, 150 Beach St., Bridgeport, Mass. 06624 (617-697-9648)

--sell/trade photoprint (full size) lid instruction insert for Federal (52.50 ppd). Two crystal oven w/mercury switch crystals 27.9mc, standoffs insulators, etc., CR-13 variometer, Ray Klosewitz Jn., 325 N. 2nd St., Reading, Penna. 19601

--sell old radios: consoles, cathedral and table models. Clarence Stevahn, Box 576, Wisconsin, North Dakota, 58495 (701-452-2760)


--sell Mod. 410 Redrake portable tube tester, nice condition with chart, circa 1928. Asking $30.00 Mrs. Richard Manning, 201 Lincoln Ave., Waukegan, Ill. 60085 (312-662-2334)

MAIL YOUR "ADS" EARLY! at least one week before the deadline to be on the safe side...
Material for the radio collector

REGULATED D. C. POWER SUPPLIES
HIGH PERFORMANCE/LOW COST

Collectors and old time radio hobbyists will find this versatile power supply to their liking. It will provide 'A', 'B' and 'C' power for most all early battery radios.

Typical operation is at left where it is powering an AC Dayton set. All components are conservatively rated, minimum ripple and naturally, solid-state.

The 'A' supply can be accurately set with a built-in voltmeter.

Price is $109.50 postpaid. There is a one year warranty under normal service. For more information, write:

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Send S.A.S.E., for specifications and prices

GLENN STREEETER
4133 VIA NIVEL, PALOS VERDES ESTATES, CA 90274
AN EXCITING SIDE-LINE FOR ANY COLLECTOR KEYS!

This article is written for the new key collector to help him get started in a field covering a period of over 100 years. As a matter of fact, some telegraph keys date well before the Civil War (see fig. 1).

Keys can be divided into roughly 3 groups: 1.) Landline - telegraph keys used by Morse telegraphers... railroad stations, Western Union, press, etc... 2.) Radio keys and lastly 3.) Semi-automatic types used by both landline and radio telegraphers.

We'll start with landline. All collectors should have a conventional open-frame key. Design hasn't changed much in the past 75 years. There are two types. Pictured below is the 'legless' type which is easily identified by the binding posts. The 'leg' key at right has two bolts with wing nuts which fastens the key to the table. These same two bolts are also used for electrical connections.

Figure 1. 1849 Camelback key

Figure 2. are two of the more rare types but almost a must for the all-around Morse collector. At left is 'camel-back' recognized by the very pronounced curve in the lever. There are many varieties of this key all dating before 1900. Figure 1 shows the oldest key in the AWA Museum. The key was made in Boston about 1849 and the Association has reasons to believe the key may have belonged to Joseph Henry. It is indeed a rare 'camelback'.

The key at right is a straight lever type and is a contemporary somewhat with the camelback. I might add at this time there were many manufacturers of landline keys: telegraph companies, railroads and private concerns. As an example, a favorite key with some collectors is one made by the Pennsylvania Railroad at their Altoona, Penna. shops.

Radio keys: The early radio amateur usually started with a conventional telegraph key. In short time, however, as he increased power, special keys were made with large contacts. The same held true in commercial practice with the larger stat-
ions inserting a keying relay in the circuit.

A favorite key for the early wireless operator was the famous Boston key made by Clapp-Eastham Company. Every collector should have one of these keys. They are easily recognizable with their beautiful marble base and the words ‘Clapp-Eastham’ stamped in the lever.

Figure 3. is the standard Navy key of World War I. This key too, is easily recognizable. Note the huge keying contacts to break high power. It was common practice in the early days to key the primary of the high voltage power transformer. Woe to the operator who got his hand across the key!

At right is another popular key used by the amateur operator which has been around for the past 50 years. You should have one of these solid base keys in your collection.

The development of the semi-automatic key is well documented by Lou Moreau in her well written article in the in OTB 15-2-18. Many types of “bugs” have been made in the past 75 years with various Vibroplex (Martin) models being the most common. Most have had little design change since their initial release. Try to acquire at least two different model Vibroplexes for your collection. Although the semi-automatic was initially designed for landline use, it won favor with the CW radio operator in the 1920’s when he abandoned the heavy straight key used for the sluggish high power spark transmitter.

The vertical upright (Fig. 4) is one of the more exotic semi-automatics.
Developed for the telegraph operator, it was supposed to be a space-saver and had the unique characteristic of being both a 'right' and 'left' hand key. Yes, the south-paw could turn it around and operate a paddle on the back!

If you're lucky, you may find a real rare one. Figure 5 shows one of the rarest keys in the country -- the first FULLY automatic telegraph key made by Hulit in 1909. A key winds up a spring. By depressing either the left or right paddle, one has fully automatic dots and dashes. Only one such key has been found.

New Martin "UPRIGHT"

The World's Best Transmitter

Easy to Learn

Vertical Vibroplex

If you have selected keys as your collecting field, we strongly advise you to visit one of the following collectors for more information:

Fig. 5 First fully automatic key (1909) found by Lincoln Gundell in a junk shop only 8 miles from Holcomb. Price was $8. The key was designed for landline telegraph work. It is the fore-runner of all present day electronic keys!
Figure 6. Arthur Batcheller key

Lou Moreau (W3WRE) who has one of the largest telegraph/radio collections in the world.

Ed Raser (W2ZI) who has some of the rarest and historical keys that can be found.

S. Davis (W2ZH) -- the finest landline collection in the country.

John Elwood (W7GAQ) largest all-around collection on the west coast.


Alan Shawsmith (VK4SS) Brisbane, Australia - one of the largest overseas collections...

and of course, your own AWA Museum where one can see everything from a huge 12 pounder to a double-paddle trans-atlantic cable key. Speaking of the AWA Museum, Figure 6 pictures a key given to the museum by former Radio Inspector Arthur Batchellor. Is it a landline or radio key? What is the purpose of the magnet and adjust lever (key) at left?

So you see, key collecting isn't all cut and dry... it too can have its mysteries. . . . -- C. Z.

(All photographs taken in A.W.A. Museum by Al Crum, W2EWK.)

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NATIONAL HISTORICAL RADIO CONFERENCES

AUCTION

As in the past, these sessions promise to be lively ones for both buyer and seller. The pace will be stepped up with a $20 minimum in the General and $10 in the Tube auction. All items MUST be checked in during the designated time periods. Also, condition (as working, tube has good filament, etc.) must be noted or it will be sold "condition unknown".

ALL participants MUST be paid-up members of AWA. Names will be checked at door and with registration. (10% of sale to Museum Fund)

Advance information tells us there may be some seldom seen pieces available. One such item is a rare Telegraphophone (circa 1909-12). Invented by Poulsen, the Telegraphophone is the FIRST wire recorder. Jerry Tyne's recent RJ-4 Monograph tells of DeForest using one (bottom of page 1). There is one in the AWA Museum, a gift of R. P. I.

We also understand there may be a Fleming valve and one or two DeForest Audions available at the Saturday morning Tube Auction.
AWA has acquired the receiver consisting of the four racks in the center of the picture. It has been reported that during WWII these were wintry days when it was not necessary to turn on the heat --- the building was comfortable from the heat radiated from the hundreds of vacuum tubes in operation!

The closing of the world's once largest radio operation at RCA's Rocky Point and Riverhead (at the end of Long Island) also phases out the use of some very historical radio equipment.

AWA member Harold Moore called attention to the availability of one of the huge diversity receivers used at Riverhead for International Communication. After many long distance telephone calls and letters with Mr. J. M. Etter of RCA Global Communication and engineers Bob McGraw and Harold Moore, the way was finally paved for George Batterson to send a truck for pickup.

A large truck was most certainly necessary for each receiver (there were several) consists of four (4) seven foot racks weighing a total of nearly one ton per receiver!

A receiver of four racks is made up of 3 RF units, 3 IF units, a FSK unit, tone keyer, AF unit and power supply control.

The antenna system for EACH receiver consists of three large directional antennas spaced a 1000 feet apart. Each antenna has its own RF and IF section in the receiver with common output. This arrangement minimizes fading, etc.

After some difficulty, Batterson's work crew loaded the huge receiver, trucked it over 400 miles to Rochester and placed it in temporary storage. AWA has not only the receiver

(Continued on next page)
but also a complete set of instructions how to place it in operation.
The Association is deeply indebted not only to W2GB, but also to RCA and the three gentlemen named above, particularly since this may be the ONLY receiver to be salvaged from this historical station. It may also be the world's largest -- any contenders?

The Riverhead and Rocky Point were built in the early twenties with Riverhead as the receiving station. Each installation covered several thousand acres. Harold Moore is very happy AWA has one of the receivers. Why?

He was one of the engineers who helped develop the original model nearly 50 years ago!

(Note: Movies of Rocky Point and Riverhead will be shown at the 1978 AWA Conference, Thursday, Sept. 28)

**JUNE OTB and RJ-4 MONOGRAPH**

Tyne's "RJ-4 and Wallace Mystery" drew overwhelming approval from OTB readers as a masterpiece of historical research. Always a careful and thorough writer, Jerry held the reader's attention to the last sentence. Please note that all information was obtained from court records and published material of which could raise a question or two.

He states the facts, some of which are provocative and throws in a few clues. It is up to you to solve the mystery -- and it may not be easy!

Members also found Don deNeuf's "PressWireless" article a valuable historical record. Don was a bit modest for not mentioning it -- but he is retired President of PressWireless. Now we know why it is so well documented. The engineer adjusting the huge transmitter page 13 is AWA member Dick Hilferly, W5TOS.

Bob Herberg's "Cortlandt Street" certainly brought back fond memories... too many... the 'good old days'...

This month's Monograph is a summary of early broadcasting. Numerous articles have been written on the subject but seldom compiled in one script. Both the beginning and advanced historian will find Elliot's professional treatment of great value.

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**AUCTION AT SPRING MEET**

(Ionia, N.Y.)

For the first time, the Association sponsored a mini-auction at a small regional "meet". It proved to be a bonanza for some. What do you think?

- **AK-35 RECEIVER** (with bottom plate missing) --- Sold for $5.
- **Pair of BALDWIN Type C phones** in good condition --- $5.
- **KOLSTER 6-D receiver** with tubes (good condition) --- $13.
- **Early EMERSON AG** set (excellent condition) --- $5.
- **AK-20 COMPACT** (fair) --- $26.
- **RCA Mod. 100** speaker (in working condition) --- $9.
- **RCA Mod. 100A** speaker (working) --- $11.
- **PEERLESS** mag. speaker (wooden cabinet) --- $12.
- **AK-35 receiver** (no tubes) --- $14.
- **AK-40 receiver** with tubes and good condition --- $14.
- **AK-32** (no tubes or cabinet) --- $14.
- **AK-30** with tubes (no cab.) --- $8.
- **SILVERTONE** neutrodyne Mod. F in fair condition --- $12.
- **Westinghouse Radio** --- $70.

plus much more......

(Note: In some instances, the tubes are currently selling for more than the sales price of the set !)

The auction to be held at the National Conference (Canandaigua) on Sept. 30 may be another story. There will be two: General auction Friday afternoon and the tube auction Saturday morning.

---

Valparaiso Technical Institute
Valparaiso, Indiana 46383

Alumni of the Dodge Institute of Telegraphy - now named Valparaiso Technical Institute - are invited to attend homecoming festivities celebrating the 104th year since the school's founding, during the weekend of October 7th. In the meantime, Valpo Techs Alumni Assn. would like to hear from any Dodge school graduates.

In addition anyone can send for a free brochure on the Wilbur Cummings Museum of Electronics which is located on the Valpo Tech Campus. The museum is maintained by DTRI/VPI Alumni.
Meet the Collectors
THE JIM DAVIS AMATEUR MUSEUM

So your wife feels your basement or garage is cluttered with old radios? -- how would she feel if in addition to radios, you also collected early professional motion picture projectors?

Pictured is a portion of Jim's amateur museum which houses 4 large 35mm. movie projectors. At extreme left is a 1927 WE sound on disc. Note turntable back of machine. In center are 2 Rayophone J3 optical machines. The auto-feed carbon arcs work like new. In extreme left corner not seen is a 1914 Hahn-Goertz silent which is mint. Also hidden in right corner is a 1925 British Kalee 7.

The center machines all project into a small theater where he gives shows to friends. Yes, he has early radio equipment, the rarest being a 1912 Telefunken spark transmitter which had been located on an island off the coast during WW1 to monitor enemy shipping. Jim also has Atwater-Kent, Stromberg Carlson and other well known receivers.

Where is he located? On the island of Tasmania, south of Australia. Call: VK7NOW

Motors and meters

Some 80 antique motors and meters have been added to the Historical Collections Museum at the Massachusetts Institute of Technology. The machines range from an 1880 Westinghouse ammeter to a large Reliance generator of 1920. All have been restored to operating capacity.

The extensive collection was donated by Ellsworth Wente, a retired executive of the company bearing his name in Hamilton, Ohio. Mr. Wente, who is now 95 years old, collected the items during his years in his electrical business.

Several of the larger machines are now on exhibit. The museum is located at 265 Massachusetts Ave., Cambridge, Mass. 02139. It is open from 9 a.m. to 5 p.m. on weekdays and admission is free. (W3AW-IEEE)

FOOTHILL MUSEUM MAY CLOSE

It has not been confirmed at the time whether the Museum at Foothill College (Los Gatos) will close its doors. Word was received that Proposition 13 voted in by California taxpayers may slash the school's budget. We hope not. It is the largest museum of its kind in the West and should remain open to the public.
William Lear dies

NO, Nev. — Industrialist Will-
P. Lear, whose line of Lear-
ys became a symbol of afflu-
ent corporate transportation and who
helped develop the ubiquitous car
radio and eight-track stereo, died
early yesterday of leukemia.
Lear, 75, also was co-designer of
the Learjet, a catamaran sailboat,
and helped develop and hold pat-
etols on the first station-free automo-
bile radio, the first radio sets that
operated off house current without
batteries, the radio direction finder
and the eight-track stereo tape
player. — AP

ITALY HAS TV PROBLEMS

Since the recent sharing of

government between the
Christian Democrats and the
Communists, Italian

television broadcasting

has become a nightmare.

Dozens of independent

stations have come on the

and in an attempt to

obtain an audience, no

"holds are barred".

In Rome, the number of

tv stations already ex-
ceed the number of chan-
nels, and in Milan, court

disputes have arisen be-

tween stations trying to

use the same channel!

Most independent sta-

tions depend on sex ex-
ploitation to build up

their rating.

Following American style

"quiz contests", a Turin
station had a Saturday

night phone-in quiz in

which a girl peered off

an item of clothing every
time a male called got an

answer right and put it

on whenever a female

order was correct.

The contestant who caused

her to remove the last

piece of clothing won the

jackpot. Another station

ran the porn movie DRED

THROAT three nights in a

row!

“Junk” Calls to Be Studied
in FCC Probe

The FCC voted to begin

an inquiry on unsolicited or so-called “junk”
telephone calls. The inquiry, CC

Docket 78-100, will look into the

jurisdictional, Constitutional, pro-
cedural, technical, operational, and

economic effects of such calls.

The Commission noted that for

many years, sales organizations had

used the telephone to sell a variety

of products and services, with most

of the calls being made by persons

hired to dial numbers listed in tele-

phone directories and deliver sales

messages. It also pointed out that

new devices have been introduced

recently — automatic dialer and re-
corded message players (ADMRP)

that automatically dial a series of

telephone numbers and play a re-
corded message when the phone is

answered.

Effect of Rain To Be Researched

Intelsat awarded a 14-month,

$75,380 research contract to Cable

and Wireless Limited of London to

determine the effects of rain on cer-

tain types of radio signals used by

communications satellites.

According to the contract, Cable

and Wireless is "to obtain annual

statistics for rain-caused depolariza-
tion at 4 GHz frequencies by

measuring the relative amplitude of

the two orthogonal circular polarized

components of a satellite signal.".

Intelsat said the information pro-
vided by the experiments may help

it to develop transmission and re-
ception techniques which could ef-

ectively double the capacity of its

international telecommunications

satellites.

SHIP STATION WSC PHASED OUT

For 54 years, telegraph operators

clicked out messages to ocean-going ves-
sels from a small radio shack in sou-
thern Ocean County. Few knew of its
existence, and it seems even fewer knew of its
closing last week.

"Well, there wasn't much fanfa-
re, but it marked the end of an era for
Morse code communications in New Jer-
sey," George Shawy said yesterday.

Shawy is vice president for corpo-
rate relations for RCA Global Communi-
cations, which operated the ship-to-shore
radio service out of Tuckerton, and later

Eagleswood, since 1924.

The station and its call letters,

WSC, were known to seagoing radio
operators on merchant lines throughout
the world, Shawy said.

"Most of the traffic was telegrams

that ranged from shipowners to an-

nouncements of births to emergency

messages," he added.

 But we found it uneconomical to

keep the station in operation because

more and more of the messages were

being handled by the corporation's larg-

er facility in Chatham, Mass.," he said.

That facility, WCC, will now handle

all the Morse code communications for

the East Coast, he added. He said the

eight Ocean County employees will retire

or be transferred within the organization

if they desire.

NAB COMMENDED the FCC's

proposal to eliminate the beep tone

requirement in recorded telephone

conversations, but took exception to

the requirement that broadcasters

must receive prior consent to record

conversations for later broadcast. In

its filing, NAB said the FCC "over-

emphasized the right of privacy" and

questioned why the rule should be

more restrictive than is required by

federal law.

FCC DENIED the state of Was-

hington permission to test solar-powered

drone radars intended to trigger

speed radar detectors. The Commiss-

ion said the devices would emit a

signal similar to that of police radar

units used to enforce highway speed

laws. It noted that while the drone

devices would trigger motorists' radar

detectors, inducing drivers to slow
down, they would have great

potential for interfering with police

radar as well as radio navigation

operations and security systems

using field disturbance sensors on

the same band. The FCC said that

this would further increase interfer-

cence and pollution of the radio

spectrum.

WCETV

1223 Central Parkway

Cincinnati, Ohio 45214

Grand Opening of Crosley

Telecommunication Center,

8 P.M., Oct. 18 with
dedication of Jack Gray’s

History of Wireless Mu-

eum. Public welcomed
ACADEMY STORE

As most members know, the AWA Museum is located in part of the Town Historical Building (the old Academy). The historical society has been fortunate in obtaining a government grant (C.E.T.A.) which has enabled them to restore other portions of the building including a large general meeting room and lavatory facilities.

Room has also been found for a small store where the Society will make available local artifacts and other items. But most important to us, they have agreed to handle AWA material.

At present one can purchase new and used historical radio books, catalog reproductions plus a small line of parts such as crystal detector stands, cat's whiskers, galena, binding posts and other items. The book shelf holder for the OTB is also available.

These items are NOT available by mail.

HIRAM PERCY MAXIM'S KEY

Lew McCoy, W1ICP recently presented the Association Maxim's personal key. This very historical piece, accompanied with appropriate plaque, will be on display at the Museum. More information on Maxim and the key will appear in the December OTB.

A.W.A. HISTORICAL MUSEUM
East Bloomfield, N.Y.
Bruce Kelley, Curator

Museum Hours:
Sunday —— 2 to 5 P.M.
Wednesday —— 7 to 9 P.M.
May through October
Open to groups by appointment
Tele. (716) 657-7489
Free Admission
Museum Telephone:
(716) 657-6260

NATIONAL HISTORICAL RADIO CONFERENCE
Friday, Saturday and Sunday
Sept. 29, 30 and Oct. 1
CANANDAIGUA, NEW YORK

The Easy Answer

for a club program is the A.W.A.
SLIDE SHOW with TAPE COMMENTARY

Members who need program material for a radio club meeting will find the AWA 40 slide show and 32 minute tape cassette commentary ideal. In fact, it is even a great program for one's personal use.

The slides show all kinds of radio material in the AWA Museum with tape telling about the various pieces of equipment and its history. We might add the commentary was made by former CBS radio announcer Stew Metz. The show with tape is yours for only $21 postpaid. Make check out to A.W.A. and mail to:

AL CRUM
16 COSTAR ST.
ROCHESTER, N.Y. 14608