ANNUAL BUSINESS MEETING
AND ELECTION

Nov. 12, 1972, East Bloomfield, N.Y.

--Association’s Attorney called the Board’s attention the need to have "Inc." added to all existing documents and the wording "1/3 of the Directors to be elected each year" incorporated into the By-laws.

--Treasurer’s report showed a substantial increase in membership and after the current bills are paid there should be a surplus from the 1972 Conference--a departure from the previous year.

--Pres. Breisford noted increase in membership may warrant increase in Board Members. Motions increased the number of Directors by two. Nominating Committee Chairman Harry Lott presented slate for director vacancies. There being no nominations from the floor, the following directors were elected: Batterton, Daykin, Peckham, Marsey and Ransley. It was agreed the President, working with the Committee, would select the second additional director within a period of 90 days.

--Pres. Breisford expressed concern over the lack of representatives from members living in other parts of the country who cannot attend regular AWA business meetings. To overcome this, he plans to appoint an Advisory Board which will be informed of AWA activities and from whom he will seek advice and recommendations.

--Letters were read inviting and recommending sites for the 1973 Conference. An overwhelming majority indicated they would like to return to Canandaigua. It was recommended some consideration be given to having a regional meet in California, possibly at Foothill College. Pres. Breisford will write Thorn Meyers on this matter.

--Considerable discussion followed concerning museum facilities. The Board continued an interest in the Bloomfield Town Historical Museum which is still in the process of being restored. The Historical Society has extended an offer to AWA, which will be reviewed at a future business meeting.

Two sources of money to finance museum expenses were noted. Grote Reber was disposing of his collection and would donate one-half of the proceeds toward facilities in a public museum and Harry Houck had indicated an interest in helping the cause.

--A notice was read concerning expansion of the New England Wireless Museum. The Board voted $100 toward their current building program. The 1974 Conference will be held at this location.

Submitted by
Bruce Kelley, Secretary

BIG KEY FROM USS HARADEN

This monster was removed 35 years ago from a 4 stack Navy Destroyer which had been in storage at the Philadelphia Navy Yard since WWI. It may have been one of the 90 destroyers used by the British for escort duty according to Frank Roddy, W3JSJ, the key’s owner who placed it on display in the AWA Museum.

Another key obtained about the same time was normal in appearance but it actuated a large relay with similar cooling fins on the contacts. This key was donated to the Case School of Applied Science (Cleveland). The only other key we’ve seen bearing any resemblance to the one in the photo is an earlier one in El Rasser’s collection.

Frank (W3JSJ) is an old time commercial operator and at one time was stationed at the famous longwave station located at New Brunswick where they had the 200 KW. Alexanderson alternators.

TRINIDAD

Over 60 skilled electronic assemblers ready to receive, assemble & return your work. English speaking & dexterous. Daily jet cargo to USA. Assembly charge from $1.60 to $2.25 hr. Includes labor, profit & overhead. Fast turn-around.

TREND

This "ad" was noted in a recent Electronic magazine. Can you remember when they use to manufacture radios in USA?
SPRING MEET

The first big "meet" for 1973 will be held at the
SHERATON INN
Canandaigua, N.Y.

Everyone is welcome to attend -- something of interest for all

SAT, APRIL 7, 1973

12 Noon --- COLLECTOR'S LUNCHEON (Dining room overlooking lake)
Reservations not necessary

2 P.M. --- Large sale of early receivers
(Aeriola, Atwater-Kent, Federal, Radiola, Kennedy, etc.)
Swap Session -- bring old equipment and trade with
fellow collectors.
(Note: Part of proceeds will be donated to Public Museum Fund)

4 P.M. --- Restoring Old Equipment (Show and Tell)
Bring your latest restoration project and tell about it.

5 P.M. --- Award for most unusual ONE TUBE receiver made between 1920-28
(Any type)

6:30 P.M. -- OLD TIMERS DINNER (Reservations ABSOLUTE must !!!)

7:30 P.M. -- "AN AMERICAN INVENTOR" Life of Maj. Armstrong
(Repeat performance by popular demand)

REGISTRATION: $1 (men only) to cover facilities and expenses.

OLD TIMERS DINNER: $4.25 plus tax and gratuity $1

Write or telephone LINCOLN CUNDALL giving number attending BEFORE Mar. 20
DO NOT send money. NO late reservations!

Tele. (716) 663-0856
69 Boulevard Pkwy., Rochester, N.Y. 14612

WESTERN NEW YORK HAMFEST

May 12
Rochester, N.Y.
A.W.A. Exhibit

For details write:
R. A. R. A.
Box 1388
Rochester, N.Y. 14603

SUMMER MEET

June 16
Breesport, N.Y.
(Lauren Peckham)

Dinner 12:30 P.M.
Meeting and old gear session
1:30 to 4:30 P.M.

FALL MEET

Date and location to be announced in June Bulletin

ATWATER KENT
ASSOCIATION NEWS

FROM HEADQUARTERS

Much credit should be given to Lauren Peckham and his group who volunteered to act as agents for Grote Reber (now in Tasmania). Their assignment was to inventory and dispose of a large collection of old broadcast sets that Grote had been paying storage on for several years. Part of the proceeds would be donated to a Public Museum Building Program.

Sounds easy and lots of fun until it was learned they had to brave several cold wintry weekends in upper New York in a barn. Henry Blodgett volunteered the use of his barn where the sets had been transported from a New Jersey warehouse by one of George Patterson's moving trucks.

An accurate inventory has been made and the sets will be offered at going collector prices with the exception of a Kennedy audio amplifier which was donated to the A.W.A. Museum. Sets not sold at these prices will be auctioned.

--- WHO RECEIVES THIS BULLETIN ---

copies are sent regularly to:
--- Editors of radio magazines
--- New York City Public Library
--- Library of Congress
--- Smithsonian Institution
--- Ford Science Museum
--- Canadian National Science Museum
--- Several Universities/Colleges
A.W.A. is listed in the Official Museum Directory of World Museums.

IN THE NEWS

LENTS CLEMENT is now in Pompano Beach, Florida and can be heard under the call letters KH4V.

GLENN BROWNING of Browning-Drake receiver fame writes that he is giving up his winter home in Florida and plans to stay permanently in Maine. This is good news for radio historians since, hopefully, AWA can induce Glenn to attend an Annual Radio Conference.

CONGRATULATIONS to the Board of Trustees and Staff of Foothill College Electronics Museum at Los Altos, California for their Grand Opening, January 27.

The Cover: from dime novel titled "Walter and the Wireless"

LEE DE FOREST YEAR

1973 has been designated by AWA as DE FOREST YEAR. The selection is quite appropriate since it will be the 100th Anniversary of his birth (1873). Effort is being made to commemorate the occasion by a U.S. postage stamp. Members of the "De Forest Pioneers" organization and others are behind the movement.

Marie DeForest was Guest of Honor at the January unveiling of the DeFrost Exhibit at Foothill College Museum which has on display many of de Forest's 300 inventions.

Change In Address?

Mail information to the Treasurer who handles current mailing list. (NOT the Secretary)

L. A. CUNDALL, W2QY
69 BOULEVARD PKY
ROCHESTER, N.Y. 14612
PRIZE FOR OT CONTEST

HALICHRAPHER HT-6

This beautiful phone/CW transmitter will be given to the winner of the recent old time transmitter contest. The donor, John Drake, New Canaan, Conn., feels the prize will encourage more to build and operate early transmitters. The all-band transmitter he offers, however, is not old. It is relatively new and can be used for numerous purposes. Thanks John.

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1973 HOUCK AWARD

This is the annual call for nominations for candidates for the 1973 AWA - HOUCK AWARD. This award for outstanding documentation went to Thom Mayes, W6AX in 1971 and to Bruce Kelley, W2ICE in 1972. It is an annual award by AWA to encourage outstanding contributions to the documented history of radio communications. Special emphasis is placed on authenticity and on material which but for the author's efforts might otherwise be lost. Only one nomination was received in 1972. Members are urged to submit nominations which should include candidate's qualifications and contributions to be reviewed by the Awards Committee. Recommendations can also be received for the Special Collectors Award for preservation and restoration of material. B J Raiser, W2ZI, was recipient in 1972. Nominations should be sent no later than May 15, 1973 and will be presented at the Annual Conference. Send Nominations to Chairman:

Robert Morris, Sunset Lake Rd.,
ED. 1, Sparta, New Jersey 07871

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THE TUBE COLLECTOR

The June OTB will carry an article on early Western Electric tube designations. Bob Morris will write a brief history on their origin and Bill Gould will provide the listing. Tube collecting is a relatively inexpensive hobby and requires little space. Result: there are now dozens of tube collectors and a permanent tube column in the OTB.

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NEWS IN BRIEF

Fairchild to Leave EIA

Remember RWA and RMFA? Their successor, E.I.A, (Electronics Industries Association) is apparently running into hard times with the solid state boys. Seems Texas Instruments, Fairchild and others are displeased with the way the Association is handling their products and are withdrawing....
BOOTH THE AW A Tues. 8:00 PM SSB and Wed. 8:00 PM SW Nets have recently been troubled with long skip. The sideband Net experiences QRM from W9 and W6 stations with weak signals on short haul stations. The CW group gets QRM from foreign commercial and W4THI signs and W6BDF and K1QF did yeoman duty relaying for the short haul men. W2CI hopes this condition is temporary.

ANTICIPATING the drop in signal strength and increasing QRM on 3902 Kh., the Sunday Noon Net will change to 7227 Kh on April 1, 1973 to October 1, 1973. On October 1st the Net will return to 3902 for the winter months.

The 4:00 PM 3584 Kh Net experienced difficulty last July, August and September when attempting solid QSO's over 200 miles, therefore the possibility of a shift to 40 exists so watch the June OTB for an announcement.

QRM drive you up the wall? Don't let it. Do what W5JP does. He climbed five 14,000 foot mountains last summer.

LANE, WS60Q climbs horizontally when he travels. While in Tahiti recently, he did meet but fellow AWA member Thorn Mayes! Thorn had been on a trip with K2ENR to the Great Barrier Reef off the coast of Australia.

ANOTHER 50 year QSO is in the mill. WS4Q, while on the 4 PM Net, was heard asking about old time Rochester "home". Still active of 1923 era are: K3YH (x-8C7T), W2LK (6KS) and W2GB (x-8CTC).

THE 4:00 PM Net sometimes runs into some people's "Happy Hour"... W2IK solved this one neatly by moving his Happy Hour up before the Net... He's happier with this arrangement and we're happy he's happy... Gross's (W2BKM) happy hour sometimes runs over into the Net time.

WOHEY, Dick of 1580 meter fame, sold out on Long Island and turned up in Roswell, New Mexico (former GTH of fame 5Z4). "W1F" isn't on the air yet. Wind storms took down temporary antennas and he sustained a broken arm making repairs. His "first" was unaffected however, and he maintains a sked with W2LV on 7030 Kh Mon. and Thurs. at 7:30 PM.. Dick is now signing W2HEY/5.

JOHN, up at WLDMD, changed QTH and was rummaging around the nearest antique shops when he spied an old AK set. The proprietor said, "Dan, those are mighty scarce these days, but, he allowed he'd let it go for $1,000." John got up off the floor and staggered home remembering when he paid $3.00 for one.

ON OCT. 12 W2LY hung up another record. He made two 50th Anniversary QSO's in one day -- W2YL and W2ORW. Ted, W1L, sure started something.

AFTER the Washington "Meet", W2LY and W2EGN visited Williamsburg -- now Bob is re-decorating the front hall, stairwell and radio room in Williamsburg colors. They also visited the National Telegraph Office, Stuy's (W2ZH) Morse Museum. Either the 4:00 PMers will have to visit his Morse Net or he will have to visit 3584 more often...

WILLIAMSBURG also entertained Bill Gould (K2NF) recently who also made a trip to Palo Alto over the holidays. Bedecking yet, Bill? (Continued on next page)

### AWA NETS

**PHONE**

- 3902 KC. -- Tuesday 8 P.M.
- 7227 KC. -- Sunday 12 Noon
- CW - 3584 KC.

8 P.M. First Wed. each month
4 P.M. Daily

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**CRYSTAL INVENTOR**

Pickard noted on page 29 of last OTB requires additional comment according to members. First, the by-line was misplaced indicating the copy was from old ARF Proceedings. Next, Yardley Beers and Wilbert Snyder remind us that credit should also be given to others for the use of a mineral as a detector. In fact, rectifying characteristics of metals was discovered many years before wireless...
WA6JLW plugges in the 160 meter coils in his nice OP xmr pictured on page 3 of the June, 1971 CTE and worked every station possible. This xmr was a two time winner in the 80 mtr. CW Contest.

WA2RX takes honors again with his UX-201-A TWT. If more W6A stations showed up on 160, Barry would have worked them.

WA2EB is a consistent 160 meter man: CW, SSB and AM. He was CW with his 210 MOPA and his regular SSB outfit. He has a 210 modulated by a 6L6 followed by a PP 211 linear.

WA26GN used a 210 MOPA but his Honeycomb coil receiver couldn't qualify because it has a two step transistor amp following the 30 tube detector.

Should we repeat the 160 meter QSO party??

### 60 CYCLES

Ever wonder as to the origin of 60 cycles for general A.C. use? Well, it all started back in the early 1890's when alternating current was slowly taking over and replacing Edison's D.C. installations.

Westinghouse, a prime pusher of A.C. started out using 133 1/3 cycles. He soon found this frequency was too high for the slow speed engines driving the alternators which had to run fast. But then, lower frequencies weren't good for the popular arc lights of the period and incandescent lights flickered at 25 and 30 cycles! He did favor the lower frequencies however for large AC motor operation.

Westinghouse finally compromised with 60 cycles -- but not the other companies. Thomson-Houston for an example used 125 cycles and Edison General Electric selected 66 2/3 for light operation and 36 cycles for power -- with a temporary compromise of 40 cycles for awhile.

As time went on it became obvious a common agreement was necessary and Westinghouse won with his 60 cycles. (I wonder what Edison thought about this?) 60 cycle was also companionable with the new high speed turbines then being developed.

By 1900 60 cycle was generally used but some sections continued using 25 cycles for many years such as the Buffalo-Niagara Falls industrial area. Remember certain 8's with their deep low throaty spark signals!!
DIME NOVEL RADIO

BY CHRISTOPHER STERLING

When they were new they sold for anywhere from 40¢ to $1.00 each, and with their gaudy dust wrappers and exciting adventures, they sold well. Published in great numbers from 1890 to about 1950, the so-called "dime novel" was well entrenched and popular when radio hams were few and far between. As many AWA members have discovered, there were some of these boys (and girls) titles which dealt with telegraph, telephone, wireless radio--and even television. After having bought a few for a song at a local bookshop, I spent more hours than I would have expected tracing down the lineage of those children's titles dealing with wire and wireless communications--and found that nearly 90 had been published by 1945.

Best known to most of us are Radio Boys but did you know there were no less than four different series under that title, and that there was even a Radio Girls series (equality is obviously nothing new)? There were Radio Boys series authored by Gerald Breckenridge (10 titles issued from 1922-31), Allen Chapman (13 titles from 1922-30), J. W. Duffield (five titles in 1922-24), and Whipple and Aaron's series of only two books issued in 1922. Margaret Penrose's Radio Girls appeared in four titles in 1922-24. But these and the many other radio-related titles issued in the early twenties as broadcasting was having its initial boom were by no means the first wireless titles. "Capt. Wilbur Lawton" (a pseudonym for one John Henry Goldrap) had penned six volumes about the Ocean Wireless Boys from 1914-1917, and Lewis Edwin Theiss had published three titles in the Wireless Patrol series in the war years of 1917-19. But the honors for the first wireless subject children's book must go (at this point, anyway) to John Trowbridge for his Story of a Wireless Telegraph Boy which appeared in 1908 just two years after Fessenden's Christmas Eve "first" broadcast. Indeed, Trowbridge gets honors for the first electrical communications subject children's book with his The Electrical Boy which appeared in 1891 and dealt with wired telegraph and telephone.

Easily as well known, however, are the individual wireless and radio titles which appeared in more general children's series. Probably the most famous of these are the relevant titles in Victor Appleton's (a pseudonym for Howard Garis of the Edward Stratemeyer syndicate) classic Tom Swift series which in its 41 titles had a wireless message story in 1911, a photo telephone detector by 1933. Richard Bonner's Boy Inventors had developed a wireless by 1912 and a radio telephone by 1915. In later years, the
Motorcycle Boys, the Brighton Boys, the Golden Boys, the Boy Aviators, the Navy Boys—and even the Bobsey Twins got involved with one volume in each series built around radio. Not all the writers were mere hacks either—Trowbridge, of course was best known for his physics work, and A. Frederick Collins (who wrote about Wireless Man in 1912) touted himself as the inventor of radio for years.

Nearly all of these titles followed a basic pattern of between 250-300 pages, a frontispiece drawing or painting (a few books even made use of photos), cheap paper and bright dust wrapper to attract attention; and most important, a story built around two or more young heroes or heroines who usually appeared in a series of anywhere from two or three up to over 30 titles. The writing was dragged out and often exaggerated and each chapter ended in a cliff-hanging situation which compelled youthful readers to finish that book and buy others in the series (which were enticingly advertised in the back of each book).

Because production was quick and cheap, it is getting increasingly hard to find copies of these half-century old volumes which were avidly read when new and badly treated for years thereafter. Today, they can be picked up for anywhere from 10¢ (if you're lucky) to upwards of several dollars each (if the store owner knows what he has). Prices are increasing as the "dime novel" is grabbed up in the general nostalgia boom—and as radio historians realize the unique role of such books in portraying the importance of wireless and broadcasting to the generation that grew up with radio.

Dr. Chris Sterling is assistant professor of communications at Temple University where he teaches and edits both the Journal of Broadcasting (quarterly), and BBB: Mass Media Publications Reporting Service (monthly), the latter an outgrowth of his long-time interest in all books dealing with mass communications. His major research interest is the history of communications, and his doctoral dissertation dealt with the development of FM broadcasting.

On the lighter side, Chris developed an interest in juvenile radio books. End result: a growing collection plus a detailed nine-page listing of all known such books (nearly 100 by 1980) with information on author, series, individual title, publication dates, etc. Members can obtain a copy of the listing by sending $1.00 to:

Christopher H. Sterling
School of Communications and Theater
Temple University
Philadelphia, Pa. 19122

SOLUION for restoring satin finish on Kennedy dials may be in the offering. Hopefully, we'll have an answer in the next Bulletin.

NATIONAL HISTORICAL RADIO CONFERENCE
SHERATON INN, CANANDAIGUA, N.Y.
SATURDAY

1973 SEPTEMBER 1973
S M T W T F S
2 3 4 5 6 7 8
9 10 11 12 13 14 15
16 17 18 19 20 21 22
23 24 25 26 27 28 29
30

SEP. 1973

8
GAYLORD EWIN (Breesport, N.Y.) goes in for Federals, adding both a Model 110 and Federal Jr. crystal set recently.

FOR O'BRIEN (Ithaca, N.Y.) came up with a beautiful Herko Sr., a one tube set made by Crosley.

GREG GAMBILL (Tulsa, Okla.) has been having luck at Hamfests. On one occasion he found 2 deForest spherical audions but the owner held off to the highest bidder!

J.R. O'DONNELL (Annville, Pa.) found an unusual 4 tube Selectadyne receiver made by Pennsylvania Wireless Co.

JEW RASMUSSEN (Redwood City, Calif.) still goes in for the rare items such as a 5E-1220, an AK Model 10 Radiodyne and a Micron 6W-5.

FLYD BENNETT (Kirksville, N.Y.) is wearing a big smile having just added a fine Marconi 106-D to his large collection.

JACK NEZLON (Rotterdam, N.Y.) tells of a "swap program" over W2AZ, Troy, N.Y. One announcement gave Jack several old sets including two AK's plus an odd-ball 1 tuber.

KEN CONRAD (Akron, N.Y.) picked up a rare Branston with spiral wound RF coils -- the same outfit that makes Branston Voltex, Ray "med" machines. Ken also added an Era Super-reflex and Duo-reflex.

GARY MIGANUK (Manchester, Mo.) found some nice early AC sets: AK-37, AK-70 and a Radiola Co.

PAUL THOMPSON (Santa Barbara, Calif.) has rounded out 1972 with an Amplion horn, Federal 110, Grebe RORK Amp. and an interesting Martian Big B crystal receiver.

GEORGE SPARHIT (Latrobe, Penna.) has hopes of talking a fellow into selling a Crosley "Pup" --- good luck!

FRANK ATLEER (St. Petersburg, Fla.) has had some of his sets restored by Rex Matlack. Rex does a professional job -- in fact, they frequently turn out better than the original!

FRANK FAGANO (Brooklyn, N.Y.) is still selling the remains of his huge collection.

EV BERRY (Lansing, Mich.) has become interested in early TV sets. Recent acquisitions include the famous RCA 630, Pilot 3" ste, Hallicrafters and others. In the early receiver line, EV adds a nice Zenith Jr. and a Hammarlund Roberts.

BARNEY WOOTERS (Denver, Colo.) has a new QTH and a Kennedy 25L & 52L complete with tubes.

FRANK SHANNON (Tampa, Fla.) now has a small shipboard emergency quench gap spark gap transmitter made by STANDARD. You've got a good one there Frank!

LAUREN PECKHAM (Breesport, N.Y.) thought all sources of early wireless equipment had dried up. However, on Xmas Day, the XYL presented him with a Mignon Tuner Model RC-1. She got it from a gentleman who owned it since 1915. The set is dated: 9-25-13

CHRISS PETKOPOULOS (Athens, Greece) tells of spotting two 1908 Wehnelt diodes in an antique shop. In short order they were in his possession. He also found a 1928 Telefunken Neutrodyne in his travels.

MEL COMER (Arundel, Pa.) is on cloud nine! His latest is an E.I. Bulldog coil, E.I. spark gap, pair of E.I. Leyden jars and an E.I. Tesla coil -- wow!

ALAN DOUGLAS (Pocasset, Mass.) picked up an interesting set recently -- it was made by Penn Radio Apparatus Co. and resembles some of the early DeForest equipment. Unfortunately, some modifications have been made so Alan is looking for a deForest series/parallel switch (arm and knob only) and a couple DeForest celluloid dials.

(Continued on next page)
TED HANNAH (Silver Springs, Md.) calls receiver collector's attention to a publication titled *FLEA MARKET SHOPPER*. Of particular interest is a section on receivers made from 1926 to 1935 including current value, etc. This book is available through DAPAN HOUSE PUBLISHERS, INC., 42 West 39th St., New York, N.Y. 10018 at $3.95.

Ted still hasn't recovered from a shock after reading the classified ad in a local newspaper, "Give away Antique Scott radio with chrome chassis." Needless to say, by the time Ted got to the phone the set was gone!

AL JOCHER (Quincy, Ill.) just received his EE Degree and is looking forward to spending more time searching for early receivers. So far he has found a Radiola Superhet, DeForest Interpanel set, an Aeriola Sr. and amplifier plus a Paragon RA-10.

RICHARD CRAFT (Barrington, Ill.) has a new location which has room for his amateur museum. In the move he found 26 old storm windows which will make excellent display cases. Dick is Asst. Pastor of the Presbyterian Church.

"DOC" MERIDETH (Albuquerque, N.M.) acquired a Wr. B. Duck coupling with Theron crystal detector plus an old W.E. single phone and ear-strap.

FLOYD LYONS (San Francisco, Ca.) writes that he now has added blue Arcturus tubes: 131, 81, PE, 122 and 145. In addition, Floyd found a rare light bulb - a NOVAK made by Waring Electric Co. circa 1934/5. Floyd is now back at the Elks Club.

BASIL ABBOTT (Mechanicsville, Va.) now has an ac crystal set with slide tuner, Radiola III with balance amp. Radiola V, Kennedy XV, AK-21 and a nice homemade regen set used in the early KDAB experimental days.

VINCE HINCHMAN (Two Harbors, Minn.) had a good year adding the following: AK-10, Radiola V, Kennedy V, Stromberg Carlson 1-A and a Crosley V.

DAVE BARRETT (W. Roxbury, Mass.) sent a photo of a beautiful marble base 3 mineral detector made by McIntosh Electric Corp. of Chicago, Ill.

### RESEARCH CONTEST

#### 1972 CONFERENCE WINNERS

**CLASS I** Regenerative Receiver

1st Place: Linc Cundall
3 tube Radio-Craft Co.

**CLASS II** Tuned R.F. Receivers

1st Place: Bill Lightfoot
Model 30 Colin E. Kennedy
2nd Place: Joseph Bene
"Radiodyne" 5 tube set

**CLASS III** Super-heterodyne

1st Place: Ralph Machow
Lenz Model "C"

**CLASS IV** Military

1st Place: Ralph Machow
Marconi Spark set
2nd Place: Bruce Kelley
British Military set
3rd Place: Basil Abbott
DeForest BC-14A receiver

What happened to the other winners?

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**ORGANIZATIONS TO JOIN**

Several have asked about the Antique Radio Club of America noted elsewhere in *OTA* under *Antique Radio Gazette*. We have little information at this time as to their activities and future meetings. This organization has great promise and we'll keep you posted as info comes in.

A reminder from the Indiana Historical Radio Society that their Annual Dues are payable at the first of the year. Send $5 to Treasurer: E.E. Taylor, 245 N. Oakland Ave., Indianapolis, Indiana 46201.
OLD TYME HAM ADS

OLD TYME ADS are FREE to members who are interested in collecting and restoring historical equipment as an amateur. They are not to be abused.

RULES FOR ADS:
1. Material must be over 25 years old.
2. Ad MUST be written on separate sheet of paper --- not part of letter. For acknowledgement --- send S.A.S.E.
3. Give full address, zip number and call letters (if any).
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.
7. All ads must be received 5 weeks prior to mailing date.
8. Mail to Antique Wireless Assn.
Main Street, Holcomb, N.Y. 14469

FOR SALE: Grebe, RCA, Kennedy and other receivers. Prefer to have picked up at Breesport or at Apr. 7 Meet at Canandaigua. Do not telephone. Send SASE for list. Lauren Peckham, Ormiston Road, Breesport, N.Y. 14816


WANT: Murdock 38 phones and .001 breadboard cond w/clear housing. Also National 3" Type B Velvet vernier dial, Kennedy 261 in exc. condition. Write Doug Bullock, 961 Heard Ave, Augusta, Georgia 30904 (Tele. 404-737-9376)

HELP: Am restoring IF-172 receiver and would like to borrow fotos, manual or any pertinent info. Need the following parts: 2 large silver dials 5 5/8" & 5 1/8" dia., 2 large var. condensers, buzzer and any spare parts. For Sale: WWI Airplane receiver SCR-59 by W.E. Larry Whitlock, W1INN Box 104, Bridgeport, Conn. 06672

FOR SALE: Loose couplings, working replicas, few early tubes and receivers. Send SASE, C.E. Clutter, Box 192, Richmond, Utah 84333

WANTED: to buy your duplicate sets, parts and magazines prior to 1926. Vince HIGHMARK, W8BVD, 529 9th Ave. Two Harbors, Minn. 55616

TRADE either AK 10 or 10-B plus cash for Leutz C or C7 or other early superhet. Swap Radio Apparatus Co. Mod. C5 loosecoupler for early Federal, Grebe or Kennedy. Have sets to trade for parts and magazines. Will sell or swap McMurdo-Silver 50 milt. R.L. Lee Howard, Bte.9, Box 209, Winston-Salem, N.C. 27107

WANT TO BUY: old radio and wireless sets, tubes, books, catalogs and magazines. Have boxes for WTI SCR-65, BC-14A receivers to trade. Jerry VANNICK, 3313 So. Love Ave., Chicago, Ill. 60616

WANT: any E.H. Scott receiver, need dial assembly for Scott 16. Also want AK Mod. 51L (with pre-set clock timer station selector). Have for sale random copies of "Electrical Record" 1917 to 1918 and 1923-25. Al Germond, 2218 Holmes, Springfield, Ill. 62704

WANTED: I'm a 15 year old collector and just getting started. Would like any old tubes, sets, parts, magazines and literature. Jerry CIBILICH, W8QYB, 1101 N. Genevieve Lane, San Jose, Calif. 95128

WANT: 9 binding post caps ofr Kennedy 220 & 525, small knob for Zenith 3R rheostat, horn for WE 10-D speaker, AFT's for Kennedy 525, cord sets for WE 1919 phones and a Brighton True Blue tube (tip & UV base) to complete set. B.T. Wooters, W5KSO, 8303 E. Mansfield Ave., Denver, Colo. 80237

SELL or TRADE: magnetic speaker in dome shape metal case made by Parmaud. Restored and in excellent condition. Want old radio tubes before 1925. Leo Gibbs, W8BHJ, 701 Brookfield Rd., Dayton, Ohio 45429

SWAP: Control box & record player for Magnavox Telemagaphone, West. BA-DA, Spartan 5-15 and copy "Radio Boys with the Flood Fighters". Want West. Antenna Tuner with 3 stage RF and a power supply for early AK Mod. 34 or what have you? R. Mac Intyre, VE8ZX, 522 Burrin Ave., Winnipeg, Manitoba, Canada
FOR SALE: Complete set of 23 issues of "Radio News" covering Tyne's "Saga of the Vacuum Tube", all clean with covers. $5.00 post age. Will buy Fleming valve, spherical DeForest audion with good Hudson filament. Write: L.J. Schneid- 
dorf, WJENK, 610 Monroe Ave., River Forest, Illinois 60305.


WANTED: Two Bremer-Tully tandem tuning condensers for Counterphase Six. Will buy or trade. Harry Stavert, 7231 
68th Ave., N.E., Marysville, Washington, 98270.

WANTED: information directly relating to the development of electronic television by Philo Farnsworth. This will be used for doctoral dissertation. Will trade old radio programs on tape for needed material. Write first with description of article. Stephen Hofer, 923 South 17th St., Kingsville, Texas, 78363.

HELP! need schematic for Walbert Special Six receiver. Art Harrison, 1021 Falcon Dr., Columbia, Missouri 65201.

WANT: Ring or case for Western Electric 600A D.B. carbon mike. Sell or swap Model 21205 Brush sound cell high fidelity crystal mike (circa 1934). Bob Coughlin, WENX, 29-29 213th St., 
Bayside, N.Y., 11360.

WANTED: old HFO in good condition. Must be 1231-35 vintage and use 2-3 volt tubes. Details to: Ken Conrad, W2IIH, 
5422 Crittenten Rd., Akron, N.Y. 14601.

FOR SALE, or SWAP: Two Radiola Models No. 25 (no tubes or loop) & cabinet in bad shape. One 2h" W.E. cone speaker (cone has been repaired). Want loop for DeForest 10 and UV-202 tube. Write: Emmett Smith, W3BNO, 2706 Cubhill Rd., 
Baltimore, Md., 21234.

WANTED for Farm Museum: 1 tube working Crosley in wooden case (not the Cub). Perry Piper, West Liberty, Ill., 62075.

FOR SALE: tubes made in 1930's and 40's what are your needs? A1 Fitch, W3AW, 
9406 Evans St., Philadelphia, Pa. 19115.

WANTED: cabinets for the following sets: Paragon PA-10, Freed-Elseman NE-7, 

WILL TRADE SW-3 and some coils. Looking for WMI xtal set such as BC-14A and others. Also want Crosley Pup, Crosley 50 and 51. L.W. Elias, WD5KOM, RFD #5, Winston-Salem, N.C. 27104.

NEED: both tuning knobs, tone control and selectivity knob for Kennedy XV, loop antenna, tube rejuvenator and Radiola 3A and adaptors for use with UW or 193's. Don Barnes, 2026 30th Ave., San Francisco, Calif. 94116.

TRADE or SELL: Scott All Wave two dial set in excellent condition, all coils, power supply & amp. & spkr. Want early receivers of '20s. V.E. Peterson, 5714 W. 78 Terr., Prairie Village, Kansas 66208.

WANTED: horn for Stromberg-Carlson 2-A driver unit. Don Steger, 1421 Rockland 
Way, Fair Oaks, Calif. 95628.

FOR SALE: 25 and 150 turn De Forest honeycomb coils. Sell or swap. Leo 
Gibbs, 701 Brookfield Rd., Dayton, Ohio 45429.

SELL or TRADE: duplicates of QST from 1916, CQ's from 195, Call books from 
1920, Handbooks from 1930 as well as variety of old books and magazines. List on stamp. Erv Rasmussen, W6FYM, 
16th Lovell St., Redwood City, Ca. 94062.

SURPLUS W2E/864's, manufactured 1942, fitted with WD-11 and WD-12 brass bases. Ideal tubes for Radiola III operation. All brand new. Will trade for old radios or equipment or printed material. W.T. McGuirre, 2310 Taft Ave., 
Oregon, Ohio 43616.

WANTED: old radio catalogs; Allied, Wholesale Radio, Concord, Lafayette, 
Chi-Rad, Newrad, Radolek, etc. Write price and description. C. Puttak, 
241 Oak St., Elmhurst, Ill. 60126.

FOR SALE the following books:"The Radio Handbook" (1941) pub. Editors & Engineers 
$3.50, "Radio Electronic Fundamentals" TM-11-466 War Dept. 1944, $3.00, "Mathematics Essentials to Electricity and 
Radio" Cook & Orleans (1943) $2.50 All postpaid. Lou Hardy, W2GO, 522 
Shirley Ave., Franklin Lakes, N.J. 07417.

WANT: Bodine DeLuxe loop antenna made about 1926. Emmott Riggle, 369 27th 
Street N.W., Massillon, Ohio 44646.

FREE: Two Thorfason filter chokes, sealed in original boxes. No. T-94178 
Very heavy to ship. Will bring to Canandaigua Apr. 7 Cliff Daykin, N2APR 
19 Oxford Place, Geneva, N.Y. 14456.
TRADE: Grebe CR-9, SW-3. AK Mod. 9 for equitable sets. Want Type TA AK det. audio module, cabinets for Radiola TV and DeForest D-17 with or without chassis, Radiola II variometer junker or sleeper. Joe Horvath, W6GPE, 522 Third St., San Rafael, Calif. 94901.

NEED: two 1 qt. Leyden jars, early transmitting type. Write: Tim Christen, 2206 Bettina Ave., Belmont, Calif. 94002.

NEED: 1/4 KW Thordarson or similar spark transformer for 4QWA hamfest demonstration. Write W5WI, 3710 East 36th St., Tulsa, Oklahoma 74135.


BACK ISSUES

The following back issues of the OLD TIMERS BULLETIN can be purchased at prices noted. Order filled until supply exhausted. Issues other than noted NOT available. Order will be filled the latter part of March. Order direct from:

Bruce Kelley
Main Street
Holcomb, N.Y. 14469

13 - 3 12 - 4
13 - 2 12 - 3
13 - 1 12 - 1
13 - 4 11 - 3

$1.00 each

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10 - 3 9 - 1
10 - 1 7 - 4

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Vol. 1 No. 3
plus 4 page front cover brochure for binding:

All three for $1.00

ANTIQUE WIRELESS ASSOCIATION INC.
HOLCOMB, NEW YORK 14469
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HOLCOMB, NEW YORK 14469

DUES AND ADDRESS CHANGES:
Lincoln Cundall
69 Boulevard Parkway
Rochester, N.Y. 14612
WHEN PIRATES RULED THE WAVES
by Paul Harris

This is a book that fooled us because the subject matter just didn't seem to be of concern to North Americans. Why should we care about "pirate" medium-wave AM broadcasting stations a few miles offshore the English coast? Well, we were wrong; after the first 20 pages we were immensely intrigued and just kept reading for the remainder of the evening. There's an unusually interesting story to be told about Radio Caroline, Radio City, Radio 390 and all of those other "pirates." What makes the story so fascinating is the author. Paul Harris is obviously an accomplished writer, deftly setting scenes, building personalities and telling it like it must have been: sabotage, arson and even murder! This book also has something important to say about the BBC monopoly and why such a concentration of power should be resisted. Includes an Appendix of offshore "pirates." 232 pages - hardbound cover. Send $7.95 to:

Gilfer Associates, Inc.
P.O. Box 239,
Park Ridge, N.J. 07656

BACK ISSUES

Back issues of the BULLETIN seem to delight both historian and collector. Of particular interest is the phenomenal increase in equipment prices. The Evaluation Listing in Vol. 2, No. 3 (Mid-year 1961) is enough to scare one. Prices have increased 500% in some instances! OTB 1-2-11 tells how one can get started in the game by collecting old broadcast sets and advises one not to pay over $5 for an old battery set since they can usually be found for "a buck or two";

A.W.A. dues were $1 a year and OTB 1-3 listed all members and their collecting interests....

MORE RARE SIGNATURES IN A.W.A. FILE

Several letters written in longhand and signed by Leon Deloy with reference to his famous trans-Atlantic contacts as French 5AB have been donated to AWA by Jack Williams, K2JFV.

MY WAR WITH CBS

Dr. Peter Goldmark, past president and director of research of CBS Laboratories, has written a book about experiences with his former employer. The working title is "My War With CBS". One chapter in the book, to be published by Saturday Review Press, is titled "The EWR Debacle". Goldmark turned down a $50,000 a year contract to stay on as a consultant and formed his own company, Goldmark Communications. (See OTB, December, 1969, page 12)

WIRELESS WORLD magazine (November '72) has several interesting articles for the historian/collector. One in particular was "Some Early Radio Receivers" with 20 illustrations of early British broadcast sets as collected by A.M. Feverett.

Broadcast historians will like an article titled "British Broadcasting" marking BBC's 50th JUBILEE. Lots of fine pictures of early broadcast transmitters and studios. Good copy. This British magazine sells for $1 in the States. It is an excellent magazine. We're writing the Editor to determine where one can buy back copies.

(Thx Russ Worthy)

HE CREATED THE SIGNAL CORPS
by Morton Milliken, "ARMY" magazine, January, 1973

"HE" is Brig. Gen. Albert Myer, the soldier who got the U.S. Army Signal Corps off the ground during the Civil War and made it an important part of the service.

His interest in communication started while in Medical School (Buffalo, N.Y.) when he worked summers in a telegraph office. At the start of the Civil War, he perfected an advance wigwag signaling system with flags. The next step was the electric telegraph including the sending of messages from anchored balloons.

Myer's problems during the war make fascinating reading for his problems were not only technical -- high ranking officers and politicians placed many obstacles in his path.

(Thx Al Fitch, W3AW)
RESTORING OLD EQUIPMENT

How did you SOLVE a problem when restoring an old receiver? Drop us a note telling how you did it.

BUS BAR/SPAGHETTI TUBING

To restore or build an authentic receiver of the 1920's one must use bus bar for wiring and on occasions cover the wire with spaghetti tubing. Although seldom used today, there are still a few suppliers, one is:

Cramer Electronics, Inc.
85 Wells Ave.
Newton, Mass. 02159

Their catalog lists bus bar on page 542. Typical sizes and prices are:

<table>
<thead>
<tr>
<th>No.</th>
<th>Size</th>
<th>Nom. Dia.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>12</td>
<td>.032&quot;</td>
<td>$16.47</td>
</tr>
<tr>
<td>2016</td>
<td>16</td>
<td>.061&quot;</td>
<td>8.88</td>
</tr>
<tr>
<td>2018</td>
<td>18</td>
<td>.040&quot;</td>
<td>8.31</td>
</tr>
<tr>
<td>2020</td>
<td>20</td>
<td>.033&quot;</td>
<td>8.09</td>
</tr>
</tbody>
</table>

The price is for 100 feet lengths. Other diameters are available other than those noted.

On page 550 they list spaghetti tubing made by Pennstraint Plastic Co. in various colors such as natural, black, green red, etc. The price ranges from $2.90 per 100 ft. length to fit A.W.G. #10 wire to $13.70 per 100 ft. for #18 wire.

Since minimum quantity may be too great for the average collector, AWA may purchase a common size and have available at a future "meet" if interested, let us know.

(info from Bill Lightfoot, W1PBC)

HELP: WHITE METAL

Numerous requests have been received over a period of several years on how to handle the WHITE METAL problem. We have yet to know a satisfactory solution. To the novice: white metal was a cast material used by manufacturers in the early 20's for variable condenser frames and other components. Aging sets the material and makes it brittle. As an example: condenser shafts won't turn and when forced the material breaks. Anyone have a solution for this problem ?

DIAL DRIVE REPLACEMENT

Collectors restoring old receivers frequently find the need to replace the old worn rubber dial drive. As a suggestion, go to your nearest automotive supply store and check over their stock of windshield wiper hose. It is available in various diameters and may solve your problem.

(John Scherbel)

"B" BATTERIES

Need a 45 volt battery for your old receiver? Chances are you'll have a tough time finding one. An easy solution is to buy five (5) small 9 volt transistor replacement batteries and clip together as shown. They'll easily supply "B" voltage for a small set and are economical. I've seen them on sale in a discount house for as low as 11¢ each. (R. Breuer)

COLLECTING IN A BIG WAY

Harry Gooding (Hackensack, N.J. thinks big -- he is involved in a group that collects submarines -- yes, full size submarines! At the moment their project is the "USS LING", a Mako WW II sub. They're bringing it to Hackensack where they are restoring it for public display. All radio gear is virtually intact (the old sub had been condemned for scrap)........
The TIKKER WHEEL was a crude device used as a detector in the early days of wireless. It is a distant relative of the "imperfect" type detector (carbon needle) and electrolytic detectors. Apparently the "Tikker" was successful since it was used at several high power longwave stations before WWI. Speed and number of contacts were not critical. One wonders about motor interference.

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Plan to Invade British Homes in Search of Unlicensed Sets Stirs Public

LONDON.

THERE are more than 2,500,000 "radio pirates" in England, the post office estimates in advocating Parliamentary action to punish those who have sets but no Government license.

If the post office has its way, possession of an unlicensed radio receiver will be punishable by twelve months' imprisonment or a fine of $500.

There are many objections to the proposed bill, especially to one clause which would give the police the right to search the house of any one suspected of violating the law. Should this clause be enacted, its opponents say, the old tradition that every Englishman's home is his castle would have to be modified.

March 7, 1925

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PHILCO'S

"BABY GRAND" CATHEDRAL

The above headline appeared in "ads" throughout the country this past fall. It was first called to our attention by Mel Comer who, on seeing it, contacted Bill Denk at Philco.

According to Bill, it was a promotional stunt by Philco. They found one of their "Baby" cathedral sets of the 30's and had it duplicated in appearance except the interior where they used modern solid state circuitry including FM. Limited quantities were made and shipped to dealers who sold them like hotcakes at $50 to $55 each.

We found one at a local dealer and was pleasantly surprised at the nice tone (wooden cabinet no doubt) but was disappointed with dial movement. Mel wonders when some clever individual will start duplicating AK breadboards!
Pictured are some of the more popular De Forest Audions manufactured in the early and mid 20's. Like coin and stamp collectors, the tube historian will endeavor to obtain a complete set. They are easily recognizable since most have straight sides, t-t and white isolantite base. Of the group, the DL-9, DL-14 and DR are the most difficult to find.

In addition to this series, the serious collector must have at least one pre-war spherical audion, a tubular "Type T" with "DP" stamped on the plate, a "Type 20" (metal plated base made just after WWI) and of course a De Forest Type "H" tube of 1926-27 vintage.

To complete a collection, one should try and obtain popular receiving tubes made by De Forest in the late 20's and early 30's plus transmitting tubes such as 510, 503-A, etc. Early "Singer" tubes, transmitting Oscillions, CF-185, etc. are in the rare category.
Jimmy Wallington Dies at 65; Top Radio Announcer of 30's
Dec. 22, Arlington, Virginia
Wallington was born in Rochester, N.Y., and started broadcasting at pioneer WGY in 1924. He joined NBC Staff in 1930 and soon became the highest paid radio announcer of the era. His career had many highlights including broadcasts with: Rear Admiral Byrd, Col Charles Lindberg and Pres. Franklin D. Roosevelt plus movie appearances. He was best known for his work with Eddie Cantor, Fred Allen, Rudy Vallee and Jackie Gleason. At the time of his death he was employed by Voice of America. (Txk K3GL)

Richard Crooks
RICHARD CROOK'S Death noted in last OTB. Drew a letter from Ed Raser, WZII. Seems he and Ed were in school together (1915) as well as in the same Glee Club. Guess who was the better singer...

On the subject of Silent Keys, WZII reports a neighbor and friend, Robert Martin, died Nov. 24. Robert was the son of Horace C. Martin, inventor of the famous Vibroplex key...

A Fascinating Collection...
Russ Worthy (H. Adams, Mass.) has an unusual collection of "classic" receivers that REALLY work. Not only does he restore the sets -- he goes to great extreme in having them in perfect condition and then checks them out for frequency response, selectivity, etc.

A recent report tells of his trials and tribulations while working on a Radiola Model 25 Super-bet. A fascinating account as he explores stage by stage through to the loudspeaker! Other "classics" which have undergone similar treatment are several Leutze and Stromberg Carlsons......

OTB AHEAD OF TIMES
Our March, 1968 "Bulletin" (Page 14) carried an article covering a solid state device made in 1966. 12 years later the same device was noted in the December issue of RADIO ELECTRONICS magazine.... (Don Steger)

SILENT KEYS
Lester Benson dies
"Les" Benson, W5ZE, W4ZB (x-9WF, XHB) became a Silent Key Dec. 10, 1972 at the age of 72 yrs. He was founder of Stations WIL (St. Louis) and WARR ( Ft. Lauderdale). OM Benson was one time Midwest ARRL Manager (same as Director) and a commercial operator for the American Marconi Co.

BENSON is best known, however, for the company he and a friend named WOOD formed called BENWOOD Radio Co., Inc. They manufactured high grade amateur equipment (see cut on next page) and were noted for their famous rotary gaps.

PETER ROSSMANN (Irvine, Penna.) Inventor, collector and Vice-Pres. of National Forge Corporation

CHARLES PEDERSON, X-7CM, 7WJ, at Rochester, N.Y. Former Radio Laboratory Manager for Killbourne & Clark Mfg. Co. Engineer with Crosley where he invented the Musican loudspeaker.


Walter Brown, 72,
died Dec. 20, 1972 at Stamford, Conn.
Brown pioneered in radar tube development, hi-fi and miniature receivers.

AXEL G. JENSEN, LED BELL TV RESEARCH
75 years, Mountain View, Calif.
Jensen retired in 1958 as Director of visual and acoustic research, Bell Laboratories. He pioneered from 1926 to 1931 in transatlantic shortwave development followed by coaxial and television research. (Txk Joe Garcia)

RAY RAPP, W3BOX, ex-8BCZ, Warren, Pa.
Old time AWA member and amateur collector. See page 12 last OTB.

HOWARD FYLE, W7OE, Mercer Island, Wash.
Commercial operator, U.S. Radio Inspector and one of the most prolific radio authors -- continuous writing for nearly 60 years.

RESERVATIONS AT SHERATON INN
for the 1973 Conference will be mailed in June. Rooms only $12 and $18.
The Benwood CW Transmitter

Simple, compact, up-to-the-minute construction—incorporating all the improvements made possible by our years of experimenting—AND IT GETS RESULTS

1500 MILES WITH CW!
1100 MILES VOICE!

Music Heard 40 Feet From Phones by Stations in 300 to 400 Mile Radius

These are actual results obtained by our testing station WEB, using the Benwood CW Transmitter shown herewith. You can get just as good results with it. This high-class set is just the thing for your broadcasting and DX work—using CW, ICW, Modulated Buzzer or Voice Transmission. An ideal set for the local radio club or the more progressive amateur. Think of the range this set will give you! If centrally located, you will be heard in almost every state in the Union. It is manufactured exclusively by and for the Benwood Co. and combines the best in material, workmanship and design.

Radiates 1/2 to 3 Amps. on Average Antenna

We guarantee that this outfit will radiate 1 1/2 amperes on the average amateur antenna when assembled in accordance with our instructions. It will radiate 2 to 3 amperes when used with an antenna whose fundamental wave length is 225 to 275 meters. That is why you can get such wonderful results.

The set comes to you completely assembled with all parts mounted on panel, as shown, but not wired. Full instructions and wiring diagrams are furnished. You can wire it and start sending in less than an hour after you receive it. The outfit is complete with motor generator minus tubes, and consists of the following: Panel 12x18x1/8, angle supports, hardwood base, 3 tube sockets, 1 power rheostat, 1 80-watt filament trans., 1 modulation trans., 1 CW inductance, 1 hand transmitter, 1 O-3 Radiation meter, 1 O-500 milliammeter, 1 21-plate condenser, 1 45-plate condenser, 1 tapped condenser, 1L-300 choke coil, 1 2000-volt filter condenser, 1 10,000 ohm grid leak, plug and jack connection for microphone buzzer and CW, 1 600-volt 250 watt motor-generator. Boxed for shipment, $350.00 f.o. b. St. Louis, Mo.

Catalog: Send 10c in stamps for the Benwood catalog and price list, also complete catalog and price list of DeForest radio equipment.

Dealers: We manufacture a complete line of radio apparatus, and have stock on hand and ready to ship. Write or wire for our attractive proposition. New price list just issued.
Occasionally, typographical errors and misspelt words creep into OTH copy as we madly dash off each OTH to meet the deadline. No serious attempt is made to correct these errors— but not so with historical articles which historians use for reference.

Several typographical errors were noted in HISTORICAL OUTLINE OF KEY DESIGN (OTH-13-3-18) and should be corrected as follows:

p. 20, col.1 The date 1899 should be 1989 and the name Shirer should be Shirley.

p. 19, col.1 The name William Avery should be Thomas Avery.

p. 21 Name REYCO should be RECO.

p. 22 Name James H. Bunnell should be Jesse H. Bunnell.

These were just plain outright mistakes at this end and not on the part of the author. Please overlook small mistakes but nail us to the wall on the big ones.

Speaking of mistakes, some may have read newspaper copy covering the 1972 Conference and reference to "Maj. Armstrong's FRENCH collaborator, Harry W. Houck".

Here a word or two was twisted. It should have read "Maj. Armstrong's collaborator in FRANCE, Harry W. Houck".

Harry was born and brought up in Pennsylvania!

Then there are those who believe in doing things in a big way. This copy was sent to us by Joe Garcia. Names, for obvious reasons, have been deleted....

Ham Operators Sue F.C.C., Charge Search and Seizure

SAN FRANCISCO, Dec. 22—A suit on behalf of six million ham radio station operators charged the Federal Communications Commission today with illegal search and seizures and asked $900-million damages.

— of San Jose, of Live Oak and the United CB'ers of America, a national ham organization, filed the suit in Federal District Court.

The suit said the board has been holding administrative and license revocation proceedings without providing adequate and proper advance notice so persons could appear and contest the actions.

FRESHMAN MASTERPIECE

Bill Lightfoot tells us there were two popular versions of the FRESHMAN MASTERPIECE as noted in the last OTH. The 1924 Standard Model can be recognized by the black panel and 1⁄4" dials. The other is a later model made in 1926 with mahogany bakelite panel with behind panel vernier dials. It would appear that in the transition, a few were made with the mahogany panel and window openings HIT with 1⁄8" bakelite dials neatly covering the holes. These interim models used the same 1924 variable condensers, etc.

It is not surprising since other manufacturers followed a similar pattern. There were several versions of the Kennedy 110, etc. Other examples are WWI surplus items made by various manufacturers each with slightly different appearances but all bearing the same nomenclature.
A surprise letter from Tim Christen tied together two references in the last Old Timers Bulletin. Note had been made of the McCarty Wireless Telephone Co. on page 16 and a photograph on page 29 shows some rare equipment being restored by Christen. There appeared to be no connection between the two until a letter from Tim telling us his equipment was made by McCarty! Pictured is an early photograph of McCarty. The huge 21" iron core transformer (left) is in the process of being restored.

PAPER FOR COLLECTOR

EARLY RADIO and PHONOGRAPH collectors will find the newspaper HORN SPEAKER of interest. Although much of the material is direct copy from early publications, it is a "buy" for an annual subscription of $3. The format is very large; a recent copy had equivalent of 16 pages regular size with excellent photo reproductions. In addition to copied material, there are some news items and paid "ads". A buy for only $3.00 Interested? Send check to:

HORN SPEAKER
Box 12, Kleberg, Texas 75145

HOUCK AWARD

The Association's "Houck Award" made UTC..see pages 82 and 83, Feb. '73.
NEW MEMBERS
who are or have been in the communication field.........

MAYNARD LONG, W2KXE, Radio Officer
Merchant Marine, G.B. Co.

JOHN ELKORD, W7UAQ/G Station KPHO-TV
F.A.A., C.A.A.

DON NEVILLE, K4BEC, NASA Marshall
Space Flight Center

HENRY CLARK, K2DS, x-W6KCI, U.S. Navy
Photo Radio, NSS, NPG, etc.

BERNARD SCHENKEI, Calilite Products

BILL RUSSELL, VK4KR (Queensland, Aust.)
Marine Radio Officer and Amal-
gamied Wireless

DICK ROSS, K2NMA Editor "CQ" magazine

FRANK RODDY, W3JH, ex-W6XW, 20CM
RCA/Navy, Commercial oper. etc.

ED PHILLIPS, W6IZJ Naval Research
Labs, Hughes Aircraft

BILL SHELDON, K6C/W6EMX Pacific
Missile Range, former ARRL Dir.

CHRIS PETRISKOCUG (Athens, Greece)
Wandel & Goltermann, Germany

DON MYSLEWSKI, K3QHD Radio/TV tech.

ARCHIE VARNUM, K9CW Radio Technician
Illinois State Police

---

A NATIONAL TRUST HISTORIC HOUSE

WOODROW WILSON HOUSE
2340 S Street, N.W., Washington, D.C.

---

Pictured is the W.R. DB carbon mike on loan by AWA Member Max Jacobson and on display in the Museum Library. Pres. Wilson used a similar microphone for the first Presidential broadcast.

(Photograph W2BKA, see QST 11-4-21)

---

TELEGRAPH KEY KNOBS

Need a knob for your old telegraph key? They are available from E.F. Johnson Co. in groups of three (3). Send $1.08 to:
Customer Service Dept.
E.F. Johnson Company
Waseca, Minn. 56093

(3) Telegraph Knobs
Part No. C23-1234-001
(The $1.08 includes postage)

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CONGRATULATIONS TO FOOTHILL ELECTRONICS MUSEUM

One of the finest electronic/radio museums in the country officially opened its doors Saturday, Jan. 27, 1973 at Los Altos, Calif.

A.W.A. President Brelsford plans to visit the museum this spring and will make a report in the next QST.
CRYSTAL DETECTOR

Quote from Wireless World: "It might be thought that a modern germanium diode, used in a crystal set, would be far superior to the cat's whisker. However substituting (a modern diode) gives approximately the same audio output compared to the optimum setting of the cat's whisker."
The Bell Labs invention opened new era in communications

"I suppose they make transistors so itsy-bitsy just to fit into those small radios."

BELL LABS NEWS

The above headlines refer to the Anniversary of the transistor developed by William Shockley, John Bardeen and Walter Brattain of Bell Labs. The date: December, 1947. One cannot under-estimate the tremendous impact of the invention. Retired employee Jerry Tyne sent AWA a copy of the Lab's "Journal" telling of the great invention. The three scientists are still alive as evidenced by a recent picture overlay showing them 25 years ago and today in the same lab. The accompanying cartoon is from "Bell Lab News."

RCA Communications Set for Disney World

Construction has started at Disney's World "Magic Kingdom" park on a RCA sponsored multi-million dollar project covering the world of electronics. Of interest to the radio historian will be a simulated space journey tracing the history of communication. The project is scheduled for completion in the spring of 1974.

ANTIQUE WIRELESS ASSOCIATION MUSEUM
HOLCOMB, NEW YORK 14469

Member:
AMERICAN ASSOCIATION OF MUSEUMS
Affiliate:
AMERICAN RADIO RELAY LEAGUE
The A.W.A. provides facilities for member's equipment and a photographic workshop for the amateur historian.
Open for special events or by advance appointment between May 1 and October 31. No charge.
TELEPHONE: 315-657-7489 or 716-663-0856
Club Radio Station: Amateur W2AN

GOING OUT OF BUSINESS

Word comes in that after nearly 75 years, the General Electric Company may be phasing out their transmitting equipment line. Starting shortly after the turn of the century when they built a RF alternator for Peaseorden, the company became a leading manufacturer of commercial equipment. They were at their peak in the 20's when they produced commercial, broadcast and amateur gear usually under the RCA name.

The huge Alexander alternators of the late 'teens and early 20's were made by G.E.-- in fact, this item was indirectly responsible for the formation of RCA in 1919. We're not sure of all the details except Gates may take over part of the line....

N.R.L. 50TH ANNIVERSARY

SCIENCE FOR NAVY AND NATION
by Howard Lorenzen, W3RLC
In the early days of wireless the Naval Research Laboratory was foremost in radio development. Remember Dr. Hoyt Taylor, W3KF, etc.?? They're still very much in business as W3RLC reviews their history in the January issue of QST as they celebrate their 50th Anniversary. Read details on page 60 concerning station W3NKF and Anniversary QSO's.
Pacific ship-shore radio

In co-operation with shipping companies, the Post Office has begun an experiment to improve communications with ships crossing the North Pacific ocean. It is particularly difficult for ships in this area to contact Britain by short-wave radio. Focal point of the experiment is the Post Office’s long-range radio station centred on Burnham-on-Sea, Somerset.

Under normal procedure, the Post Office operators at Burnham continuously listen for calls from ships by “searching” the scores of different maritime radio frequencies. To establish contact, the radio operator’s receiver at Burnham must be tuned to the ship’s transmission frequency at the instant her radio officer sends his call — largely a matter of chance. On most occasions the radio officer does not have to call more than a few times before being heard, except from the North Pacific. Between this area and Britain there is frequently radio black-out for most of the twenty-four hours. As ships can only call Britain in the few short periods when communication is possible, severe congestion results, and the chances of each call being heard are even further reduced.

A new procedure has been set up to make it more likely that every call to Britain from the North Pacific will be picked up in this country. The region has been divided into five sectors and different times have been fixed for communication with each sector: this, the Post Office hopes, will increase the possibility of the weaker signals from these areas being heard. In addition, special frequencies have been selected — one from each of six maritime bands — for use only by ships in the North Pacific. The radio operator at Burnham, listening at the pre-arranged call times, need no longer “search the bands”; he tunes his receiver to one frequency only and Portishead Radio sends out a special signal to tell ships’ radio officers which frequency it is. In addition, the receiver at Burnham is connected to a directional aerial pointed towards the area from which the signals will come to create an even better chance of hearing the call.

End of the Shipress era

September 30th marked the end of an era in shore-to-ship news transmissions, with the close down of Shipress (GTZZ) by Wireless Press Ltd, London. Reductions in many passenger fleets led to the decision to sign off an automatic, twice-nightly morse service to ships at sea.

First experiments in regular transmission of news telegrams to ships involved Browhead, Ireland, wireless station and the Cunarder Etruria on February 7th, 1903. Later that year the Cunarder Lucania, ex-Liverpool, assisted with the inauguration of a daily news service via Poldhu, Cornwall and Glace Bay, Newfoundland.

The Wireless Press Ltd, which originally published Wireless World, was owned by the Marconi Company until its acquisition by Associated Iliffe Press Ltd, in 1924. Post Office stations involved from 1926 were Leafield, Oxfordshire, Rugby and latterly, Portishead. Principal news agencies contracted over the years were Reuter and Press Association and since 1967 the London bureau of United Press International prepared editorial copy for the service which was received by radio officers aboard troopships, ocean-going yachts and cargo ships in addition to British, Italian, Dutch, Greek, Norwegian, Polish, French and German liners.

PHILCO DONATES FACILITY
FOR PHILA, INDUSTRIAL MALL

Constructed in 1925 as the Atwater-Kent plant, it later became Bendix and finally Philco in 1946.
HISTORY OF THE AMERICAN MARCONI COMPANY

by Thurn Mayes in OTB 13-1-11 continues to interest radio historians. Reproduced below is a chronological table which will enable one to piece together the early history of this famous company.

*Antique Radio Gazette* is the official paper for a newly formed collectors group called the Antique Radio Club of America with headquarters in Louisville, Ky. Their issue consisted of 4 pages (one sheet) and same size as OTB. The organization has great promise and in all probability future issues will have more pages. Membership to the club is $10.00 and prospective members must have signatures of two active members. Write to: S.E. Hernandez, River Road, Essex, Conn. 06426

**CONFUSED?**

In the last OTB mention was made of the demise of Popular Electronics. Maybe we should have said "and Electronics World" since the latter is really the one that faded out. The new publication carries a dual title of BOTH magazines with Popular Electronics bearing the largest letters. We are saying "demise" since the format differs from the original. See OTB, Vol. 13, No. 1, p.28

The SUNDAY NOCR net on 3902 Kc. will change to 7227 Kc. starting APRIL 1st.