

Indiana Historical Radio Society

BULLETIN

VOL 6

MARCH 1977

NO 1



DISTORTION

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FOR INFORMATION WRITE TO:

Vice President – For legal matters of the IHRS.

Secretary – For general correspondence and membership applications.

Treasurer – For membership payments and address changes.

Historian – For history of the IHRS and for donations of material for the Society Scrapbook.

Material for the June Bulletin must be received no later than May 25th. Glen Rogers

Please use SASE when corresponding.

REPRODUCTION OF THIS BULLETIN OR ITS CONTENTS IS PROHIBITED
UNLESS AUTHORIZED BY THE IHRS

IN ORDER TO RECEIVE YOUR NEXT BULLETIN PLEASE PAY YOUR
MEMBERSHIP DUES

RENEW YOUR MEMBERSHIP!

INDIANAPOLIS MEET

Feb. 26 1977

In spite of the snow, sleet and rain about 40 members and interested friends attended the winter meet of IHRS at IVY Tech in Indianapolis. Six states were represented and one couple as far away as Buffalo NY attended. Fred Prohl and Ed Taylor were hosts for the meet and welcomed the group in the Electronics Room of the school. Interesting swap items appeared at the meet. A mint Crosley Trirdyn sold for \$35, an NR7 for \$45, UV 202 and VT1 tubes sold for \$7.50 an assortment of the usual parts and sets added to the interest. A beautiful display of restoration of old sets included a Grebe CR 5, a Crosley Ace V, a Federal 110, a Ferguson and many others. Displays of old Radio Logs, Scrap Books, Magazines, pictures and technical information made for an interesting day of friendly visits and discussions. A short business meetings was held after lunch, and conducted by our new president Gary Vierk. Emphasis was placed on the upcoming Auburn-Cord-Duesenberg Museum meet in conjunction with the AWA in April.

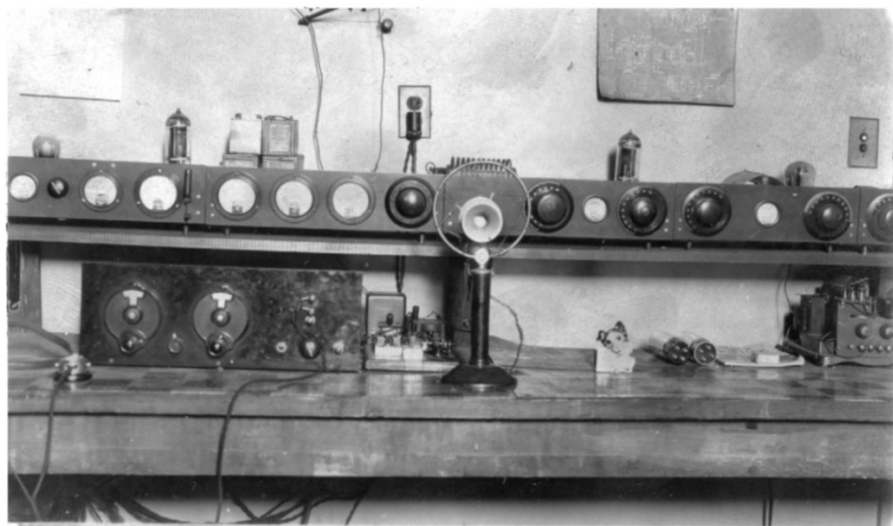


THAT'S THE WAY IT WAS 50 YEARS AGO IN 1927

The Radio Act of 1927 passed by Congress on Feb. 23 created the Federal Radio Commission of five men---one representative for each of the five newly created radio zones of the US. The process of straightening out the muddled frequency and power allocation of more than 700 stations (some illegal) in the broadcast band began. New and larger dimensions of radio entertainment for the nation now advanced. Improved technics in receiving and transmitting provided greater program coverage at night and new and larger radio audiences. Radio became the largest user of Telephone lines in the United States. N.B.C. paid over 1½million dollars for special high quality circuits used by the network. The quantity and quality of programs constantly improved. The first coast to coast broadcast originating in California occurred. The Rose Bowl Football Game in Pasadena on New Years Day became a first. In February of this year Cities Service began the first sponsored opera broadcast from the stage of the Chicago Civic Opera Auditorium. The one hour broadcast of the Floyd Bennett funeral from Arlington held the listening audience spellbound. This was also the year of the solo flight to Paris by Charles Lindbergh and on his return to the U.S. President Coolidge broadcast the welcoming address from the foot of the Washington Monument. A network of 69 stations (the largest at that date) broadcast the Dempsey - Tunney fight from Soldiers Field in Chicago, the Windy City. The Columbia Symphony Orchestra provided musical entertainment to Sunday afternoon audience. Moran and Mack, as the "Two Black Crows", was one of the popular comedy shows. The General Motor series and the "Palmolive Hour" began on NBC. Sponsors of this year included such names as Listerine, Dodge, GM, Studebaker, Wrigley, Cities Service, Palmolive Peet and many others. The US Radio Family had now grown to 8 Million and evening home entertainment by radio was rapidly becoming the American way of life. Broadcasting had reached a new plateau!



AMATEUR STATION W9BJW
W9BJW DE W9ASX (Glen Rogers) January 6, 1930





MEET RONALD A. SCRANTON

Ron is one of our newer members of our Historical Radio Society. He was born in 1916 and went to school in Hoopeston, Ill. where he graduated in 1934. He spent a short time in the CCC (Conservation Corps), but soon decided that chopping trees was not his cup of tea. He then went to Chicago where he landed a job with Galvin (Motorola) as a stockroom hustler. There he learned something about radio and he was later hired by Radio Products Corp. (now Admiral Corp.) as repairman within the plant.

He later advanced to an assembly line inspector. World War II was looming and he enlisted in the army, there to be assigned to a tank battalion in Ft. Knox, Ky. Later he was transferred to a tank battal-

MEET RONALD A. SCRANTON

ion in Ft. Lewis, Wash. This resulted in a promotion in the rank and another stint in radio school, this time to Lexington, Ky. signal depot. Upon completion of this course he was sent to advanced radio operators school where he learned to copy code on a typewriter.

He was then appointed Signal Corps Warrant Officer attached to Regimental HQ in the infantry. After being shuttled here and there he finally landed in France where he emerged from combat duty in June of 1945. There-upon he entered Biarritz-American University in Biarritz France and became chief engineer of the school's broadcasting station.

In the summer of 1946 he returned to the states and went to work for a transformer manufacturer where he learned winding, laminating and testing.

In 1950 he opened a small shop with two hired helpers. By 1960 his force had increased to 100 people in the electronics manufacturing business. With this successful business in Hoopston he built a plant of 15,000 sq. feet and began assembling Heath kits.

In the meantime he became involved in manufacturing assemblies for the Gulbransen Organ Co. The organ assembly business grew until there were 200 employees making parts for Gulbransen and the Wurlitzer Co. of Corinth, Miss.

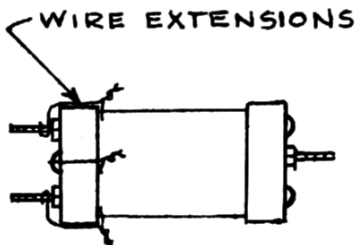
It was at this time that disaster struck him in the nature of two severe heart attacks and he was compelled to sell his business and resort to open heart surgery, so the R. A. Scranton Industries, General Multiplex Corp. and Illinois Circuit Board Co. was sold to Columbia Broadcasting Co. (CBS).

At present he is recovering from his 1975 operation and engaged in the hobby of collecting antique radios at his home. He has 70 receivers, 4 Edison phonographs, 4 antique telephones and 2 very early diathermy machines. He repairs and refinishes radios at his leisure and is restoring two pipe organs in the second floor of his large garage. We cannot help but admire his ambition and we wish him speedy recovery from his operation.

Restoring Antique Radio Receivers

REPAIR OF ERLA REFLEX XFMR'S

In most cases of open xfmr's it was found that the connection was broken at the point of soldering to the terminal bolts. Probably due to the use of acid instead of rosin or flux. The lead wires can be dug out of the slots in the wooden spool coil form by enlarging the slots with a sharp knife. A small gauge wire extension (Fig.1) can be spliced and soldered to the original terminal wires and then extended and soldered to the terminal of the bolts, putting the coil back in it's original operating condition with no outward sign of repair. The soldered splices can be fitted into newly enlarged slots in the wood spool before reassembling in the case. A little melted wax over the wires will hold them in place.



INTERIOR
ERLA R.F.T.

---George Hauske

For cleaning copper & unplated brass excellent results were obtained by using Tarnex and 0000 steel wool. This gives a high gloss finish that can be coated with pure Tung oil, applied with the fingers to protect the finish.-----

I found a cleaning formula that works well on old radios. It was used on coils, tube sockets variometers etc., with very good results.--One part painters naphtha.-Two parts of amonia.--(cloudy amonia purchased at super mkt.) --One teaspoon of detergent to one pint of this mixture--Apply with a short stiff bristle brush--Dry in warm air or with soft cloth.

---Ronald Scranton

HIGHLIGHTS OF CBS RADIO'S FIRST TEN YEARS

1928

16 employees maintain offices in the Paramount Building in New York City. The Network grows from sixteen to fifty-three stations.

1929

CBS moves its offices to 485 Madison Avenue. Affiliates now total sixty stations.

1930

The Network hires H.V. Kaltenborn to share duties as commentator with Boake Carter. 18 million radios are in use in the United States.

1931

CBS employees reach 408. The Network begins experimental television broadcasting.

1932

Bing Crosby is on the Network from 7:00 to 7:15 each evening, opposite "Amos 'n Andy" on NBC.

1933

Admiral Byrd broadcasts to CBS from the South Pole. Columbia News Service begins three regularly scheduled daily newscasts.

1934

Columbia Radio Playhouse opens on West 44th St.

1935

Lux Radio Theater premiere on the air on CBS is carried by 97 affiliate stations. CBS stations total more than either NBC Red or NBC Blue.

1936

CBS introduces the quiz show to radio with the program "Professor Quiz." The Network launches Columbia Workshop and steals NBC's Major Bowes.

1937

CBS stock is listed on the New York Exchange. As war mounts overseas, Edward R. Murrow is named CBS' European Director.

1938

The Network has 20 daytime serials on the air. Orson Welles nearly ends CBS with the radio play, "War Of the Worlds." 40 million radio sets are in use in the United States.

DUDLO **DUDLO**
MAGNET WIRE PRODUCTS

WINDINGS	MAGNET WIRE
IGNITION	ENAMELED
RADIO	SINGLE AND DOUBLE
TRANSFORMER	COTTON COVERED
METER	SINGLE AND DOUBLE
X-RAY	SILK COVERED

DUDLO MANUFACTURING CORPORATION
WALL STREET FT. WAYNE, INDIANA.
 WESTERN REPRESENTATIVE A. S. LINDSTROM
 111 NEW MONTGOMERY ST., SAN FRANCISCO CALIFORNIA

SOME REPRODUCER!

THE Melbourne station, 3LO, has received this polite request from a listener: "We like band performances best, and would like you to announce each time one is heard. Sometimes we don't know whether it is a band or a thunderstorm!"—*News of the World.*



De FOREST

"Famous for Dependability"



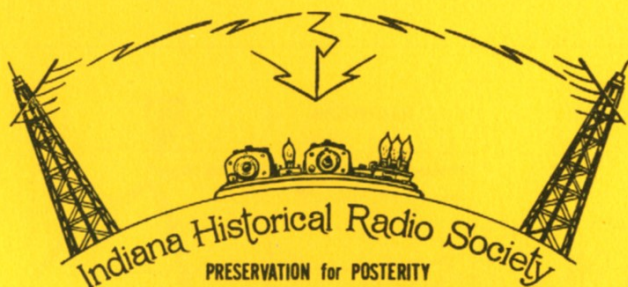
"An amateur organization devoted to the history of wireless"



The Antique Wireless Association, Inc.

HOLCOMB, NEW YORK 14469

AFFILIATE



OLD EQUIPMENT CONTEST

1:00 P.M. ALL equipment should be in the contest area by this time.
Contact Ross Smith if you have any questions.

- CLASS I BEST RESTORATION OF EQUIPMENT (pre-1930)
- CLASS II BEST ORIGINAL PRESERVATION OF EQUIPMENT (pre-1930)
- CLASS III MOST UNIQUE ONE OR TWO TUBE RADIO (pre-1930)
- CLASS IV MOST UNIQUE RADIO SPEAKER (pre-1930)

First and Runner-up awards in each class.
Awards presented at the Banquet.

A radio display contributed by the IHRS may be seen in the ACD Museum.

EXPLORE THE MUSEUM

The ACD Museum houses the most unique Auto Collection in the United States.
The Museum is housed in the original Auburn-Cord-Duesenberg Factory.

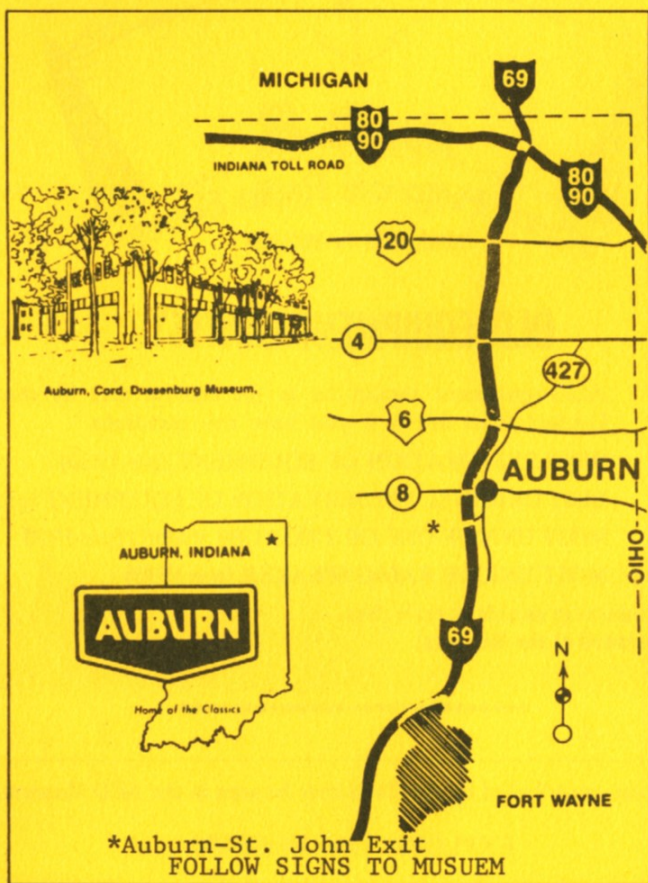
SECURITY PLANS WILL BE IN EFFECT THROUGHOUT THE PROGRAM
FOR THE PROTECTION OF YOUR EQUIPMENT.

Questions concerning the Meet should be sent to the IHRS Secretary, Walt
Sanders, 15 Todd Place, Terre Haute, Indiana 47803.

Questions concerning the Old Time Radio Equipment Contest should be sent to
Ross Smith, 1133 Strong Avenue, Elkhart, Indiana 46514.

Indiana's
Auburn-Cord-Duesenberg
Museum

AUBURN, INDIANA 46706



Let's Go

THE ANTIQUE WIRELESS ASSOCIATION
REGIONAL CONFERENCE
AND
THE INDIANA HISTORICAL RADIO SOCIETY
SPRING MEET

Saturday, April 16 — Auburn-Cord-Duesenberg Museum
Auburn, Indiana

General Information . . .

TICKET INFORMATION: Advance registration must be made through the Indiana Historical Radio Society Treasurer, Box 218A RR#1, Windfall, Indiana 46076. Advance registration for the Banquet should be in by April 14th, to insure Banquet Tickets. Last minute registration without Banquet Tickets is unlimited and obtainable at the Meet. Your Banquet Tickets, ACD Museum Pass and Registration Badge will be waiting for you at the Museum. Please fill out and mail the enclosed Registration Card with check promptly to avoid disappointment. Guests are welcome. Registration fees apply to everyone attending. Additional Registration and Reservation Cards may be obtained by writing to the IHRS Secretary, Walt Sanders, 15 Todd Place, Terre Haute, IN 47803.

RESERVATIONS: An enclosed Reservation Card for room facilities is included for your convenience. You must make your reservations directly with the motel of your choice. The following motels are available in the immediate areas and they have been advised of the Meet.

FACILITIES: There are parking facilities at the Museum. There are several restaurants nearby. The Fort Wayne Airport is only about 30 minutes away and transportation can be made available.

MAKE MOTEL RESERVATIONS NOW!

1. L. K. Motel, I-65 & US 27, Auburn, Indiana 46706
Phone 1-800/447-4470
2. Star-Lite Motel, 936 West 7th St., Auburn, Indiana 46707
Phone 1-219/925-0500
3. Hospitality Motor Inn, I-69 & SR 1, Fort Wayne, Indiana 46825
Phone 1-219/484-9681

A MAP OF THE AREA IS INCLUDED ON THE BACK PAGE OF THIS PROGRAM.

Program

RADIO CONFERENCE

FRIDAY, April 15th, 10 A.M. – 7 P.M. Rooms in the Museum will be open for those who are working on the program and for those who are bringing in equipment.

SATURDAY
8:00 A.M.

Auburn-Cord-Duesenberg Museum

REGISTRATION BEGINS – Coffee and Donuts. The ACD Museum houses the most unique auto collection in the United States. The IHRS Radio Display is housed in the Museum.

8:30 A.M.

SWAP SESSION BEGINS – Bring your old equipment, receivers, tubes and magazines. Swap tables inside. Trunks open outside.

9:30 A.M.

AUCTION

AUCTION – AUCTION – AUCTION
There will be two auctions held during this session. The first will be a “benefit auction.” All members are asked to donate some items for this sale. The proceeds will be used to help perpetuate the IHRS and to help with the AWA Museum. The second will be a big one so please bring your goodies. The IHRS is known for its auctions.

11:30 A.M.

ANTIQUÉ WIRELESS ASSOCIATION MUSEUM SLIDE SHOW.

12:15

LUNCH BREAK

1:00 P.M.

OLD TIME RECEIVER CONTEST WILL BE JUDGED.

1:30 - 2:15 P.M.

VACUUM TUBE FORUM by tube expert Laurem Peckham.

3:30 - 4:15 P.M.

THE CLAUDE SHEETS STORY – Great Lakes Ship Radio Operator, Pioneer Radio Engineer and RKO Studio Engineer.

SPECIAL

FEATURE

Don't miss this story by

5:00 P.M.

Claude. He has a lot to tell.

There should be plenty of time for visiting and viewing the displays.

SATURDAY
EVENING
6:30 P.M.

ACD Museum

BANQUET

BANQUET – A fine meal will top the evening off. Bob Seivers from WOWO Radio in Fort Wayne will be our guest speaker. He is an informative and entertaining speaker.

SATURDAY EVENING FOLLOWING THE BANQUET

ACD Museum – For those who wish to stay we will have a Collectors Seminar.

COLLECTOR'S SYMPOSIUM

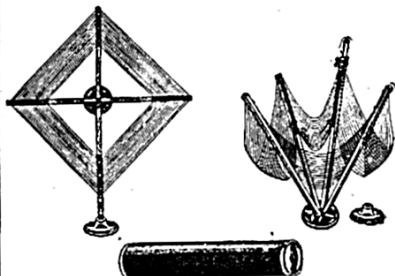
THE IHRS HAS A REPUTATION FOR PROVIDING A FINE SHOW OF EQUIPMENT AT ALL OF OUR MEETS. WE ASK THAT EVERYONE BRING SOME ITEMS FOR DISPLAY.

NAZELEY'S

PORTENA

Folding Loop

Patent Pending



Folds up like an umbrella—
Works like a charm

Spread 28 inches.

Genuine Bakelite Facings;
85 foot Green covered wire;
Rich mahogany finish;
In an individual morocco covered Tube.

List **\$7** each
one dozen to a case

J. NAZELEY CO.
571 HUDSON STREET
NEW YORK CITY



Firco Radio Apparatus

For sale by all prominent dealers

JOHN FIRTH & CO., Inc.

Pioneers since 1901

709 Sixth Avenue,

New York



YELLOWTIP MICROMETER ADJUSTING CRYSTAL DETECTOR

Any adjustment made in a moment—fixed instantly! Hold indefinitely, until you wish to change, then—"A Twist of the Wrist—It's Set." Ideal for reflex and other circuits.

Write for folder, and name of your nearest dealer

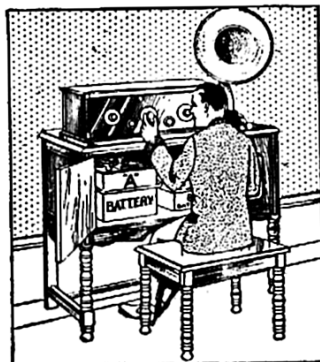
2

Wholesale Radio Equipment Co.

Exclusive Factory Representatives

35 William Street, Newark, N. J.

Dealers and Jobbers—Write for Attractive Proposition



★ ★ RADIOADS ★ ★

WANTED: Mod. TRF-50 Magnavox in good condx
Will trade WD-11 tubes if radio is AI--5028
Suter Drv. Nashville Tenn 37211-Larry Chambers

WANTED: Old BC mikes for lobby display '20's
thru '40's. Also Mike Call Letter Plates--
PO Box 415 New Palestine Ind 46163--Harry
Martin

SELL: Crosley 51, AK 35, Crosley Bandbox,
Magnavox R3, Radiola 103 spkr., UZ1325--\$55
each plus shipping. Will trade. Need Crosley
chassis mod. 53, 54, or 57, Grebe RORK, ant.
for Radiola 26, blue 201A's, UV 199 Adapters.
--118 Countryview Drv. Naperville Ill 60540
--Mike White

INFORMATION? On early Federal receivers--Kits
or Factory. We have professional reprints of
Federal catalogs, instruction books, schematics
etc SASE for details. **WANTED** early Federal
receivers (any condx), parts, literature &
related items--1975 Hertel Ave. Buffalo N.Y.
14214--Dick & Ann Schamberger

WANTED: AM Radios 1940 to 1950 working in
mint condition. Airling '46 mod 84BR-1065B,
Andrea '47 mod P163, Automatic '40 mod "Bed
Lamp", Emerson '50 mod 636A, G.E. '46 mod 250,
Mitchell '48 mod 1250-1, Motorola '42 mod
65L11-2, & '42 mod A1, Philco '49 mod 49-101,
RCA '46 mod 66BX, RCA '47 & '48 mod 8BX6,
RCA '48 RC1046A/B274, RCA '50 mod 551-2, Sil-
vertone '48 mod 8005, Silvertone '49 mod
101822A and Zenith '48 mod 6G601Y--1036 So.
15th Ave. Wausau Wisc. -Mike Hanke

WANTED: R.A. Fessenden's 1940 biography
"Builders of Tomorrows" and any other mat-
erial, especially photos.-- Box 225 Pocasset
Ma. 02559 --Alan Douglas

CRS' 50TH 1927-1977

★ ★ RADIOADS ★ ★

WANTED: HELP! Need last two tube island with sockets 5 & 6, switch, controller, speaker post, etc complete for AK model 12--RR 4 Syracuse Indiana 46567--John Sudlow

WANTED: Grebe RORD Det/Amp & wood base for Radiola V. Sell authentic reprint of Grebe Instruction for Operating, 64 pages of Hook-ups, instructions & schematics covering most models ppd \$3.95--1220 Meigs St., Augusta Ga 30904--Donald O. Patterson

WANTED: Schematics of Cutting-Washington mod. 5 ser.1007 also need wire diagram & parts layout. Have complete rcvr cabinet & parts unwired -1110 E Thompson Hoopston Ill 60942- Ronald A Scranton

WANTED: Radiola 28, Freshman Dyn. Spkr for G-2 chassis, Riders Man. I-XIV, UX200A, 112A, 81 and 71A--413 Jefferson, Hartford City Ind 47348--K.L. Pontius

WANTED: Radiola cabinets for III, balanced amp. and Radiola 24 port. Cash or Trade--1133 Strong, Elkhart Ind 46514--Ross Smith

WANTED: Commercial Xtal sets & Loose Couplers, EdForest Loop, Clapp Estham panel mount tube sockets (HR mod), one Neutrowound nickle plated tube cover--4807 N.E. 5th St Minneapolis Minn. 55421--Bob Lessard

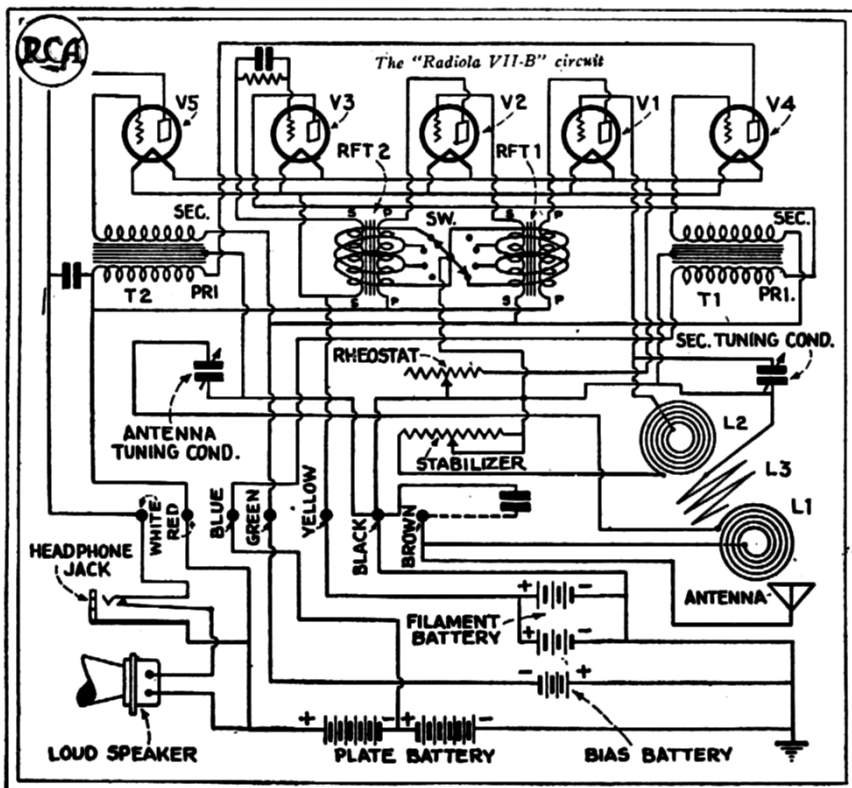
WANTED: Commercial or Home Made Xtal sets also need loose coupler receiver for Museum Project. Will buy or trade--1517 Pacific Dr. Ft. Wayne Ind 46819--Del Barrett

SELL: 1931 two dial Scott radio with complete set of coils \$165, McMurdo Silver Masterpiece VI \$200. Will consider offers or trade for Philhormonic AM/FM Scott--1830 Ridgewood Ave Davenport Iwa. 52803--Charles Schwartz

SELL: Solid state ABC power supply SASE-6848 Commonwealth, Parma Hgts. O. 44130-G.B. Schneider

★ ★ RADIOADS ★ ★

Certain types of wire are no longer available from commercial sources. I will have the following types manufactured if sufficient paid orders are received by May 1 '77.--1. #22 DCC --2. #24 DCC--3. 50 strand of #38 Litz with a DCC white wrap. The Litz wire is the type used to restore loop ant. One pound will restore 3 loops. Wire will be sold on spools of approx. 1 pound. Price and quantity are as follows--#22 460ft. \$10--#24 715 ft. \$10--Litz 310ft \$15---Price includes shipping in the U.S.A. Send SASE for samples of each. If you desire to order send check & SASE. The SASE will be used to confirm your order or return your ck. if sufficient orders are not received.-- L. W. Wright, 400 W. Lake Ave. Glenview Ill. 60025 Phone 312-729-9551



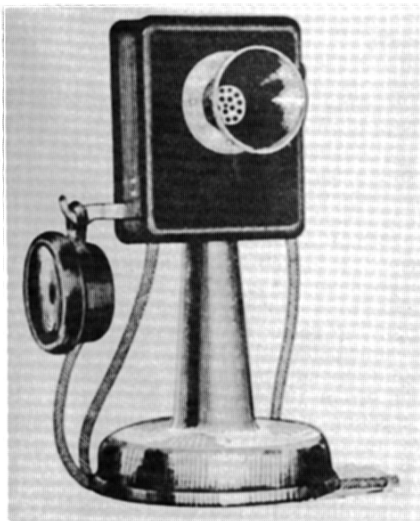
ATWATER KENT

1902

ELECTRICAL WORLD AND ENGINEER

New Desk Telephone Set.

The Atwater-Kent Manufacturing Works, Philadelphia, has brought out a desk telephone set which differs in several respects from the usual form of this type of instrument. It consists in the combination with a nicke'd stand of handsomely finished oak box scarcely larger than an ordinary transmitter case. A flexible cord connects this with a terminal block on the wall. On this block is also placed the bell. The sets are made to be used with both the two-end and intercommunicating systems. The self-contained transmitter of the same make, which is always in adjustment, is mounted inside of the box. The receiver is made in one piece and has no parts to become loose. The hook contacts are knife edge, which makes it impossible for acid or dirt to prevent perfect contact. The instrument is finished in a neat and desirable manner.



DESK TELEPHONE.

New Works of "P. & B."

The Standard Paint Company, on the evening of April 22, gave a house warming to its employees and members of the press to celebrate the completion of its new factory buildings at Bound Brook, N. J. On the upper floor of the main building, about 250 x 100 ft., and handsomely decorated with flags, bunting, etc., for the occasion, refreshments were served and dancing was enjoyed.

The newly equipped factory is an evidence of the great success with which the products of this company have met. Since the com-

Contributed by Alan Douglas

Sixteen Stations in a Cigar Box

"In the summer and fall of 1916 . . . deForest started what was considered by the layman to be the first regular broadcasting. The first of the programs were placed on the air from Columbia Phonograph Laboratories in New York City, consisting chiefly of the company's new records, and picked up by a notable group on the roof of the Hotel Astor, where a number of celebrities were celebrating the occasion."¹

Ten years later, in early September 1926, the Hotel Astor was the site of another gathering of radio enthusiasts, the Fourth Annual Convention of the National Association of Broadcasters. One of the major topics for discussion at the meeting was broadcasting's use of copyrighted material and the payment of high royalties. A member of the NAB persuaded George Coats, a talent promoter and former Philadelphia salesman for a road-paving equipment company, to speak to the assembly.

As anticipated, the talk evoked a heated discussion between Coats and WLW's Powell Crosley, Jr. Coats left the meeting determined to supply talent to broadcasters; the results would be more profitable than operating a station transmitter. By the end of the month, Coats had enlisted the support of Arthur Judson, manager of the New York and Philadelphia Symphony Orchestras; Judson's associate, Edward Ervin; and a song-writer named Francis Marsh. A friend of Judson's, Bettie Fleishmann Holmes, invested several thousand dollars in the venture, which was incorporated on September 20th, 1926 as the Judson Radio Program Corporation.

David Sarnoff's formation of the NBC Network early in September prompted Judson to immediately offer his services to RCA. In January 1927, after the Red and the Blue networks were established and no word had been received from RCA, Coats and Judson visited Sarnoff to renew their offer. Sarnoff turned them down and laughed when they vowed to start a rival network. On January 27th, Coats and Judson formed a corporation called United Independent Broadcasters (UIB).

George Coats set out across the country to sign-up member stations. The first to join UIB was a friend of Judson's, Dr. Leon Levy, a dentist and owner of WCAU in Philadelphia. WGHP in Detroit was signed next. Coats guaranteed each station ten hours of broadcasts per week, at the rate of \$50 per hour. However, Coats soon realized that competing with NBC for sponsors was difficult and UIB would need money to make the \$500 per week payments to the stations. As a result, with the approaching Victor Company merger with RCA, the Columbia Phonograph Company agreed on April 5, 1927 to purchase operating control of UIB for \$163,000. This second corporation was named the Columbia Phonograph Broadcasting System (CPBS).

While Coats continued on the road soliciting stations, Arthur Judson negotiated with A. T. & T. in New York for telephone lines to link the affiliates. Judson was turned down because of UIB's lack of sufficient backing, though Atwater Kent (sponsor of multi-station broadcasts of concert artists during October 1925) accompanied him in the meetings. In June 1927, after signing thirteen stations to the network,² George Coats went to Washington, D. C., put pressure on the Interstate Commerce Commission and received word from A. T. & T. that the lines would be ready September first.

Another positive step forward for UIB took place the end of June. The position of executive head of the fledgling network was filled by Major J. Andrew White, notorious sports announcer and founder/editor of Wireless Age. His appointment, some historians feel, was the result of the success of his quiet negotiations with the Columbia Phonograph Company; although George Coats assumed all credit for the deal.

When the premiere date of September 5, 1927 arrived, the broadcast had to be postponed. The UIB network consisted of sixteen affiliates,³ the lines were hooked up, WOR had been chosen as the flagship station, but CPBS had found no one willing to

sponsor the broadcasts. Finally, with a deal on one sponsor (who backed out just before air-time), the network went on the air the afternoon of September 18th with a program featuring a concert orchestra and a dance band. Both groups had been contracted with Judson's talent agency. That evening, the broadcasting resumed with Metropolitan Opera stars performing THE KING'S HENCHMAN. Construction of WOR's "network studios" had not been completed by air time and the entire day's operations were reportedly controlled from the men's bathroom. The evening broadcast started late, ended ninety minutes late, and was interrupted by thunderstorms and downed telephone lines between stations.

After losing \$100,000 during the first month of broadcasting, Columbia Phonograph Company gave notice their contract would terminate in thirty days. It looked as if NBC would remain unchallenged. Then, after a bit of luck, WCAU-owner Dr. Levy, his brother Isaac, and a Philadelphia millionaire named Jerome Louchheim agreed to buy controlling interest in UIB. The deal was finalized on November 10, 1927. On November 19th, Columbia Phonograph Company sold CPBS back to UIB for a mere \$10,000 and some thirty hours of air time. "Phonograph" was dropped and the name became the Columbia Broadcasting System, coexisting with UIB. By the end of the year, losses were mounting for CBS and UIB. NBC was still receiving most of the network business. In the first six months of 1928, Jerome Louchheim invested an additional one-half million dollars over his initial outlay. By now, he wanted to get out of the company and blamed George Coats for the network's failure.

Fortunately for UIB/CBS, the final chapter of red ink was nearing an end. Let's go back to the last six months of '27. During the fall, WCAU in Philadelphia had been broadcasting a local radio show called THE LA PALINA BOY sponsored by the Congress Cigar Company, manufacturers of La Palina

cigars. The company's founder and president, Samuel Paley, was the father-in-law of WCAU's Dr. Levy. The show's sponsorship had been arranged through Sam Paley's son William, ad manager for Congress. Favorable audience reaction and increasing cigar sales prompted young Bill, in January 1928, to sign a twenty-six week contract with the Columbia network for a show called THE LA PALINA SMOKER. Cigar sales doubled the first six months of the network program; the same six months that Louchheim spent pouring money into CBS.

During the summer of '28, Bill Paley and Jerome Louchheim were introduced to each other by Dr. Levy at the WCAU studios. Since Paley was becoming increasingly interested in radio, Louchheim, anxious to sell, agreed to turn over all his holdings in CBS to the Paley family for a reported \$275,000. On September 26, 1928 (two days before his 27th birthday), Bill Paley became president of the one-year-old network. Three months later (1/3/29) Bill dissolved the Columbia corporation and gave the CBS name to the UIB network.

William S. Paley, the man destined to become network broadcasting's prime force for fifty years, had taken a three month's leave of absence from the Congress Cigar Company.

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Original 13 stations of UIB

WOR Newark (flagship)
KMOX St. Louis
KOIL Omaha
WADC Akron
WAIU Columbus
WCAU Philadelphia
WFBL Syracuse
WGHP Detroit
WJAS Pittsburgh
WKRC Cincinnati
WMAQ Chicago
WNAC Boston
WOWO Fort Wayne

Three more stations were affiliated at the time of the first broadcast
WCAO Baltimore
WEAN Providence
WMAK Lockport, NY

¹Archer, Gleason HISTORY OF RADIO, p. 133

²KMOX, KOIL, WADC, WAIU, WCAU, WFBL, WGHP, WJAS, WKRC, WMAQ, WNAC, WOWO, WOR

³WCAO, WEAN, WMAK were added.

NEWS INFORMATION

Radio Commissioners Confirmed

With the confirmation by the Senate of Orestes H. Caldwell of New York, Sam Pickard of Kansas, Harold A. Lafount of Utah, and Ira E. Robinson of West Virginia, the Federal Radio Commission now has, for the first time in months, a complete working organization. Judge Sykes of Mississippi had been previously confirmed.

The Commission will serve under the new law enacted by Congress, which extended the life of the Commission to February 23, 1929. The Commission was officially confirmed by the Senate on March 30.

RCA-Victor Merger Reported

Preparations for a new combination, that of the Radio Corporation of America, New York City, and the Victor Talking Machine Company, Camden, N. J., have virtually been completed according to recent reports. The two companies have been closely affiliated for some time. No information has been made public on the terms of the consolidation, but the transaction, if carried out, will bring together properties with combined assets of about \$125,000,000. Prominent artists under contract with the Victor Company may be permitted to broadcast if the consolidation takes place.

Reverse GE-De Forest Ruling

The validity of a patent owned by the General Electric Company, Schenectady, N. Y., for a process for making filaments of radio tubes and incandescent lamps out of tungsten wire, has been upheld in the United States Court of Appeals at Philadelphia. This reverses a decision handed down some months ago by Judge Morris of the Federal Court of Delaware.

When the case of the General Electric Company against the De Forest Radio Company was tried before Judge Morris, he dismissed it on the ground that the entire patent was invalid, but the Court of Appeals, though sustaining the dismissal as to "products claims" in the patent, set aside this decision on the process claims.

To Broadcast Football Games Over N.B.C. Chains

Sixteen intercollegiate football games will be covered by the National Broadcasting Company during the gridiron season this year. Two games will be broadcast each week, over stations WEAF and WJZ and associated stations. The exact schedule, however, is not available as we go to press.

Following is a list of the games and the dates: October 13, Yale vs. Georgia and Notre Dame vs. Navy; October 20, Harvard vs. Army and Notre Dame vs. Georgia Tech; October 27, Dartmouth vs. Harvard and Yale vs. Army; November 3, Ohio vs. Princeton and Dartmouth vs. Yale; November 10, Navy vs. U. of Michigan and Army vs. Notre Dame; November 17, U. of Chicago vs. U. of Illinois and Yale vs. Princeton; November 24, Harvard vs. Yale and Princeton vs. Navy; and on Thanksgiving Day, November 29, Cornell vs. Pennsylvania and Penn State vs. U. of Pittsburgh.



April, 1928

THE COLIN B. KENNEDY COMPANY, formerly of St. Louis, Mo., has moved to Highland, Ill. Production will immediately start on the 1928 models which embrace a line of A.C. receivers.



Wireless Telegraph Stations of the United States

Name of Station	Callletter	Wave length in meters	Name of Station	Callletter	Wave length in meters
*Annapolis, Md.	QG	425	Key West, Fla.	KW	400
Atlanta, Ga.	AN	450	*Key West, Fla.	RD	1375
Atlantic City, N. J.	AX	600	Manhattan Beach, N. Y.	DF	1500
Babylon, L. I.	BA	400	*Maré Island, Cal.	TG	318
Baltimore, Md.	B	.....	Mobile, Ala.	MB	.....
Block Island, R. I.	BI	.....	*Nantucket Shoal, Light Ship 66	PI	470
Boston, Mass.	BM	800	*Nantucket Shoal, Light Ship 78	PI	.....
*Boston, Mass.	PG	560	*Naval Training Station,	TI	.....
Brant Rock, Mass.	BO	1800	Yerba Buena Isl. Cal.	PT	.....
Bridgeport, Conn.	BG	400	*Navy Yard, N. Y.	SP	495
Buffalo, N. Y.	BV	.....	*Navy Yard Puget Sound, Wash.	HB	425
*Cape Blanco, Ore.	TA	465	New Orleans, La.	MC	700
Cape Cod, Wellsfleet, Mass.	CC	1500	*New Orleans, La.	RO	.....
*Cape Cod, North Truro, Mass.	PH	.....	*New Orleans, La.	VN	.....
*Cape Elizabeth, Me.	PA	.....	New Haven, Conn.	PK	.....
Cape Hatteras, N. C.	HA	425	*Newport, R. I.	NY	400
*Cape Henlopen, Del.	PX	625	New York, (42 Broadway)	NF	400
*Cape Henry, Va.	QN	.....	Norfolk, Va.	QL	400
Cape May, N. J.	CP	.....	*Norfolk, Va.	QX	350
*Cavite, P. I.	UT	.....	*North Head,	SX	.....
Charleston, S. C.	SN	400	Paterson, N. J.	PN	.....
*Charleston, S. C.	QU	.....	*Pensacola, Fla.	RK	.....
*Charleston S. C. L. Ship No. 34	QV	.....	Philadelphia, Pa.	WA	.....
Chicago, Ill. So. Side,	CH	1000	Pierce Station, Harvard Univ.	.....	400
Cleveland, Ohio,	CD	700	Pittsburg, Pa.	SB	.....
Cleveland, Ohio,	CN	.....	*Pivers Island, N. C.	QS	.....
Collingwood, N. J.	CG	.....	*Point Arguella, Cal.	TK	640
*Colon, Canal Zone.	SL	.....	Point Judith R. I.	PJ	400
Columbus Ohio,	CU	.....	*Point Loma, Cal.	TM	670
*Culebra, W. I.	SD	.....	Port Arthur, Tex.	RA	.....
Detroit, Mich.	CW	.....	Port Huron, Mich.	HU	.....
*Diamond shoal light ship 71	QP	630	Portland, Me.	D	.....
*Diamond shoal light ship 72	QP	630	*Portsmouth, N. H.	PC	900
*Dry Tortugas, Fla.	RF	.....	Providence, R. I.	FT	.....
Elizabeth City, N. C.	.....	.....	Quogue, L. I. N. Y.	Q	.....
*Farallon Islands, Cal.	TH	650	Rochester, N. Y.	RH	.....
*Fire Island, N. Y.	PR	950	Safety Harbor, Nome, Alaska,	SK	351
Fort Hancock, N. J.	.....	.....	Sagaponnk,	SA	.....
Fort Monroe, Va.	.....	.....	*San Juan, P. R.	SV	400
Fort Morgan, Ala.	.....	.....	Savannah, Ga.	.....	300
Fort Totten, N. Y.	.....	.....	Sea Gate, Coney Island, N. Y.	SC	350
Fort Wood, N. Y.	.....	.....	Siasconset, Mass.	SO	2000
Fort Worden, Wash.	.....	.....	*Sitka, Alaska,	SW	450
Fort H. G. Wright, N. Y.	.....	.....	South West Pass, La.	SF	400
Galilee, N. J.	G	425	Springfield, Mass.	.....	800
Galveston, Tex.	GV	425	Stone Station, Cambridge, Mass.	QX	.....
*Guatnamo, Cuba,	SI	.....	*St. Augustine, Fla.	MA	1000
Hartford, Conn.	HD	425	St. Louis, Mo.	.....	.....
Houston, Tex.	HO	.....	St. Michael, Alaska,	TD	.....
*Island of Guam,	UK	.....	*Table Bluff,	SV	780
*Island of Oahu, Hawaii,	UC	.....	*Tatoosh Island, Wash.	QI	1125
Jersey City, N. J.	JC	.....	*Washington, D. C.	DC	600
Joto, P. I.	.....	.....	Washington, D. C.	WN	.....
*Jupiter Inlet, Fla.	RA	Wilsoas Point, Conn.
Kansas City, Mo.	KC	1000	Zamboanga, P. I.

*Government Stations.

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"Putting a Sounder Heart In Radio"



LIST PRICE

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