

Indiana Historical Radio Society  
**BULLETIN**

VOL 4

AUGUST 1977

NO 2





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(revised 3/24/01)

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## Responsibilities

Activities, Business,  
Administration, & Publicity

Sites and Dates of  
Meets

Applications and  
Correspondence

Note → Dues, Financial, and  
Address changes. Please  
notify immediately of  
change of address.

News, Articles,  
Photos. & Radio-Ads

Donations & Scrapbook  
Material

IHRS Museum Curator

Bulletin Deadlines. News, Articles & Radio-ads, 2/15, 5/15, 8/15, 11/15

IHRS e-mail Web site address = [www.indianahistoricalradio.org](http://www.indianahistoricalradio.org)

The INDIANA HISTORICAL RADIO SOCIETY is a non-profit organization founded in 1971. Annual membership dues are \$15.00/year or 2 yrs./\$25.00, which includes the quarterly IHRS "BULLETIN". Radio-Ads are free to all members. Please include a S.A.S.E. when requesting information. Send applications for membership and renewals to Fred Prohl, our treasurer as noted above.

# IHRS ACTIVITIES for 2001, our 30<sup>TH</sup> YEAR

## AUG 25 NORTHERN INDIANA SUMMER MEET.

High Dive Park Pavilion, 500 E. Beardsley Ave. ELKHART, IN. 8:30 AM, Registration, \$5.00 per member / family. Swap and Sell in East lot. 9:30 AM, **Old Equipment Contest categories:** 1) 1920's radios, 2) Tube type radios, 3) Radio that cost collector \$20.00 or less, 4) Transistor radios and 5) My favorite radio. **10:00 AM, Silent Auction. Noon: Carry-in Lunch.** 1 PM: Short business meeting and contest awards. Please attend this meeting. Swap and Sell continues after the meeting. **Motels:** About a doz. motels North and South of I-80/90 at SR-9 (Cassopolis) Exit 92. **Super-8**, 345 Webster Ave., 219-264-4457. **Red Roof Inn**, 2902 Cassopolis St., 219-262-3691. Info: Ty Gregory, 219-264-0257 or Terry Garl, 219-679-4280, [ihrselk98@aol.com](mailto:ihrselk98@aol.com) .

## SEPT 15 SPECIAL "OPERATING RADIO" MEET.

**NOBLESVILLE, IN., Forest Park Pavilion.** Indoors except for flea market. **Operating Radio Contest categories:** 1) Non-superhets and 2) Superhets. **Non-operating contest:** Your favorite radio. **Nearest motel: Super-8**, 317-776-7088 or 1-800-800-8000 (about 15 mins away on SE side of town off HWY 37). **A special brochure will be included in a Bulletin mailing which will include a map and all other pertinent information.** For other info contact Mike Feldt, 317- 844-0635, [feldtm@iquest.net](mailto:feldtm@iquest.net) .

## OCT 13 FALL FOLIAGE MEET in beautiful Riley Park,

**GREENFIELD, IN.** 7:30 to ????. Located on Apple St. about 1 block N. of US-40 and 2 miles E. of SR-9 (State St.). Coffee and doughnuts for early arrivals. **7:30:** Registration \$5.00 per member / family. Flea market open only to all registrants. **10:00: Contest starts. Categories are:** 1) Reflex radios and 2) Tombstones. Popular vote counted at 11:45. **12:00: Carry-in lunch.** Bring a dish or a desert to pass if you can. **1:00 PM:** Short business

meeting, contest awards announced and **election of officers** from 1:00 to 2:00. Please attend this important meeting. **Motels:** (All located South of I-70 at SR-9, Exit 104) **Lee's Inn**, 2270 N. State St., 317-462-7112 or 1-800-733-5337. **Super-8**, 2100 N. State St., 317-462-8899 or 1-800-800-8000. **Comfort Inn**, 178 Martindale Dr., 317-467-9999 or 1-800-228-5150. **Holiday Inn Express**, 2070 N. State St., 317-467-0999. **Dollar Inn**, 2180 N. State St., 317-457-0067. Info: Glenn Fitch, 765-565-6911, [glenn.fitch@cnz.com](mailto:glenn.fitch@cnz.com), or Herman Gross 765-459-8308, [w9itt@mindspring.com](mailto:w9itt@mindspring.com).

## **PRELIMINARY INFO: IHRS WINTER 2002 MEET**

**FEB 16, 2002 WINTER MEET INDIANAPOLIS**  
at **Holiday Inn South East**, 5120 Victory Drive, I-465 at Emerson Road, Exit #52. 317-783-7751 25 rooms set aside, cost \$74.00. This is the same location for many years. All activities inside. Set up after 6 PM on Friday, Feb 15<sup>th</sup>. Doors open Saturday at 6 AM. More complete info in subsequent Bulletins and in the Winter 2000 Bulletin. Info: Herman Gross, 765-459-8308, email: [w9itt@mindspring.com](mailto:w9itt@mindspring.com).

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### **MSARC ACTIVITES – 2001**

**SEPT 29, FALL MEET**, Central Kentucky Vocational / Technical School, Lexington, KY. Info: Joe Vittow, 502-839-5444. Also info via Joe Zahnen, 423-690-5833, [joezah@esper.com](mailto:joezah@esper.com)

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### **NARC ACTIVITIES – 2001**

For NARC meet info contact: Jim Thompson, 612-822-4000 or Kip Wallace, 612-544-2547, [KipWallace@dl-inc.com](mailto:KipWallace@dl-inc.com)

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### **ARCI ACTIVITIES – 2001**

All meets at **Elgin, IL., RAMADA INN**, 345 River Rd. 847-695-5000.  
**AUG 1-3, RADIOFEST XX. OCT 14 & DEC 16**, Swap meets.  
Info: Tom Klienschmidt 847-255-8128 or Art Bilski 630-739-1060, [OLDRADIO@NTSOURCE.COM](mailto:OLDRADIO@NTSOURCE.COM)

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## Message from the President

Herman Gross

Well.....what did you think of the SPRING MEET? I think Greenfield is a great location. Perfect for most any weather condition. I think all who attended will agree the building is super and the large pavilion is very nice....sort of user friendly if you will. This year the weather was wonderful so most vendors set up under the pavilion or on the adjacent grassy area, but the air-conditioned building was there for vendors if they desired and at no extra cost. The building was nearly ideal for the contest set up and for the silent auction as well. Let us know what you think of this location. We must reserve it pronto if we want to meet there next year.

Many thanks to Glenn Fitch for the many trips to the fair grounds to negotiate for the facility and handling the paper work for the silent auction. A big thank you to Ramona Fitch who so tirelessly "manned" the kitchen area and made sure we had snacks, food and drinks on Friday and Saturday. I know it was nerve racking at times. Thanks also to Fred Prohl, our innovative and thorough Secretary/Treasurer, who always seems to have every situation in control, for having everything we could possibly need to handle the registration lines, new memberships, etc. I hope you took notice of the map he displayed that showed the demographics of the IHRS membership. Janet Dell Freeman and Shirley Gross skillfully and tirelessly handled the registration desks on Friday and Saturday. How can we thank them enough? Keeping records straight and everybody happy was demanding to say the least.

We had an excellent contest this year. What "neat" stuff! Some of the exhibits make one feel rather inadequate when it comes to having and/or displaying nice radios and all the "context" needed to show that equipment to best advantage. If the members who set up outside didn't take time to look the contest items over they missed more than they'll ever know. Thanks to George Freeman for so efficiently conducting the contest. This year we added a special "People's Choice" award which was presented, with the Best of Show award at the Awards Banquet held Friday evening at the Ponderosa. Contest results are reported by George elsewhere in this Bulletin.

# RADIO CONFERENCE



Keith Hansleman and Eric Sanders  
helping Auctioneer--Mike Burns

IHRS-AWA AUBURN IND 1977  
CONTEST AWARDS

CLASS I BEST RESTORATION

- 1st. Vocatone 230A--Larry Wright, Glenview Ill
- 2nd. Zenith 3R--Floyd Engles, Colden N.Y.
- Hon. Mention. Kodel Port.--Geo. Clemans, Bowling  
Green Ohio

CLASS II BEST PRESERVATION

- 1st. Grebe CR9--Mike White, Naperville Ill
- 2nd. Radiola 25--Lionel Haid, Richmond Ind
- Hon. Mention. AK Mod. 10--Gary Schneider,  
Cleveland Ohio

CLASS III UNIQUE 1 or 2 TUBE SET

- 1st. Ace Radio--Mike White, Naperville Ill
- 2nd. Morrison--Ann Chamberger, Buffalo N.Y.

CLASS IV UNIQUE SPEAKER

- 1st. Burns American Elect.--Geo. Clemans,  
Bowling Green Ohio
- 2nd. Utah Speaker--George Capen, Auburn Ind



Contest Chairman Ross Smith (middle)  
working with Judges Floyd Bennett and  
Dr. Russell Hansleman

# Radio News

## NAVY'S RADIO SHIP OFF FOR ALASKA

On July 11 the "Gold Star," the Navy's Radio Repair Ship, steamed out of Nanaimo en route to Kodiak, Alaska, where she will supply and repair the Navy's ten radio stations during the summer. This unique ship, captained by Comdr. John B. Earle, is named for the mothers of the men lost in the service during the World War. Equipped with all kinds of radio apparatus, spare parts and supplies, she carries a crew of expert repair and equipment men, capable of erecting a complete station or repairing a transmitting tube. The "Gold Star" is a 7,420-ton ship, carrying a complement of 300 officers and men.

Today the Navy is operating the following traffic stations in Alaska: St. George, St. Paul, Dutch Harbor, Kodiak, Seward, Cordova, Juneau and Ketchikan, and two compass stations at Cape Hinchinbrook and Soapstone Point, which form a chain of communications in Alaska and adjacent waters with trans-Pacific stations, besides serving as a relief in the event of a break in the Pacific cable. As the stations are all difficult to reach except between April and October, and few commercial vessels touch at the stations, the Navy has put the "Gold Star" into service to supply the men stationed there with food, clothing and relief. She will do all necessary repairing, which will require frequent trips from Seattle north nearly to the Arctic Circle.

## ALL BUT TWO STATES NOW BROADCAST

The states of Kentucky and Mississippi went on the Department of Commerce's Broadcasting Map last week when stations in Louisville and Corinth were licensed. There are but two states, Delaware and Wyoming, left without broadcasting stations, every other state of the Union having one or more dispensers of news and entertainment via the ether.

Eleven limited commercial stations licensed last week bring the total broadcasters to 406. Of the new stations, Nevada, District of Columbia, California, New Jersey, Georgia, Illinois, Kansas, Montana and Wisconsin, besides Mississippi and Kentucky, opened one station each.

## ELEVEN NEW LIMITED COMMERCIAL OR BROADCASTING STATIONS LICENSED DURING WEEK ENDING JULY 15

WHAO—F. A. Hill, Savannah, Ga.

WHAP—Dewey L. Otta, Decatur, Ill.

WHAN—Southwestern Radio Co., Wichita, Kans.

KFBB—F. A. Buttrey & Co., Havre, Mont.

WHAS—*Courier-Journal* and *Louisville Times*, Louisville, Ky.

WIAA—Waupaca Civic and Commerce Assn., Waupaca, Wis.

WHAQ—Semmes Motor Co., Washington, D. C.

KFBD—Clarence V. Welch, Hanford, Cal.

WHAR—Paramount Radio and Elec. Co., Atlantic City, N. J.

KFAS—Reno Motor Supply Co., Reno, Nev.

WHAU—Corinth Radio Supply Co., Corinth, Miss.

Note.—The call of the *Galveston Tribune*, assigned last week, is WIAC.

## MARCONI SPEAKS

Speaking to unseen fans by the thousands from the General Electric's broadcasting station at Schenectady, Guglielmo Marconi, in a most embarrassed manner, made his first radio talk in America a few days ago.

He said: "I think that broadcasting has come to stay. In thousands of homes in this country there are radio telephone receivers and thousands of intelligent people, young and old, men and women, well able to use them, even able to make the apparatus, and in many cases contributing or striving to contribute valuable information concerning the problem still unsolved.

"I think I am safe in saying that since radio has already done so much for the safety of life at sea, for commerce and for commercial and military communications, it is also destined to bring new and unforeseen opportunities in health and recreation into the lives of millions of homes."

## RADIO DEVELOPMENT IN SOUTH AFRICA

Various wireless telegraph schemes are now occupying the attention of the Government of the Union of South Africa. Trade Commissioner Stevenson has informed the Department of Commerce that the British Imperial Government has a scheme of connecting Great Britain and South Africa by a series of short range stations via Cairo and Nairobi, which will involve the expenditure on the part of the Union Government for its station of approximately £180,000. Under this scheme the range of the South African station is to be between 2,000 and 2,500 miles.

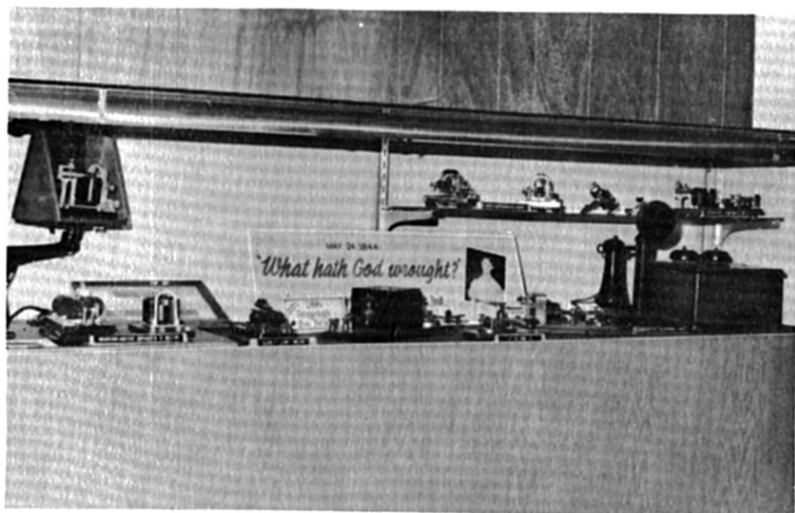
**Jewett Manufacturing Corp.**  
342 Madison Ave., Dept. R9  
New York

September, 1922





Radio Display at Westminster  
Village in West Lafayette, IN.



Telegraph Display at Amtrak  
Stop in Lafayette, IN.

# "CHIRAD"

## NATIONAL

### Thrill-Box SW-3

3 TUBES

A-C or A-C: D-C or D-C models

"Ham Band short wave Thrill Box with 3 sets band spread coils 20-40-80 meters wired up. List \$55.00.

Net \$31.00

National A.C. Power Pack. List \$34.50.

Net \$19.00

### ACSW5 NATIONAL

Short Wave Receiver with tubes and pack. List \$133.00.

Net \$75.00

### ACSW45 NATIONAL DELUXE

Outstanding Short Wave Receiver on the market. List \$139.00.

Net \$81.50

### REPLACEMENT PARTS

Complete line of Condenser Blocks, Transformers, Volume Controls and Resistors.

### SHORT WAVE KITS

sets, transmitter parts, supplies for power packs, high voltage condensers—low prices.

**SEND 10 CENTS FOR  
LATEST CATALOG**

CHICAGO RADIO APPARATUS CO.

415 S. Dearborn St., Dept. RN-12, Chicago, Ill

# SHORT WAVE

Reception with Your  
BROADCAST RECEIVER



Price \$24.50

## THE "EXPLORER"

PLUGLESS POWER CONVERTER

Efficiency—Convenience—Economy

Obtain real short wave reception, efficiently and economically, by using an EXPLORER with your broadcast receiver. Attached to your present receiver, the performance of the EXPLORER equals that of any expensive short wave receiver. Many EXPLORER enthusiasts report consistent reception of stations such as G5SW, England; I2RO, Italy; and VK2ME, Australia, with real loud-speaker volume.

No PLUG-IN COILS. Automatic Band Selector changes wave-length bands in less than a second—the original EXPLORER achievement which many are now trying to imitate.

Power Amplifier in converter gives ample loud-speaker reception of distant stations. Special wide-spread vernier, genuine single dial tuning, and numerous other exclusive features.

Price \$24.50. Each EXPLORER air-tested at factory and ready for use. New 1932 models now ready, designed for every broadcast receiver, including the new Superheterodynes. Order now! Sent C. O. D. on receipt of \$2 or prepaid on receipt of price in full. Foreign price \$27.50, remit in full, shipment prepaid. State make and model number of broadcast receiver.

Send Now for Free Literature

**RIM RADIO MFG. CO.**

695 Grand St.

Brooklyn, N. Y., U. S. A.

## RADIO NEWS FOR DECEMBER, 1931

### A RADIO GRAFTER

A TRUE (?) story is told in *Wireless Magazine* of a young lady who was asked by a friend how her new radio receiver suited her. She replied:

"The set is going splendidly. The only thing I have to complain of is the way they cheat me at the charging station. I have taken my battery there each week, and when I have brought it away there has been exactly the same amount of juice in it as when I took it. I know, because I made a pencil mark on the outside of the battery to show the level of the juice."

## Radio for Your Auto



This latest improvement will enable you to have a loud speaker right in your auto, as you are running along the road.

This complete set, consisting of detector and two-stage amplifier is entirely portable, weighing only seven pounds, and requires no storage battery. It uses UV 199 tubes, and flashlight battery for filament. It can be carried anywhere, and has a range of up to 3,000 miles. Get our complete catalog.

**STEINMETZ WIRELESS MFG. CO.**

5705 Penn Avenue

Pittsburgh, Pa.

## FIFTY YEARS AGO IN 1927

The year of 1927 saw the dawn of a new concept in radio receivers for the home. Most manufacturers were still producing table model radios in the 5-6 or 7 tube class. The circuits were mostly Neutrodynes or TRF however some still used regenerative detectors. A few brave suppliers were producing deluxe receivers in the fine furniture category. The big change came in the replacement of the filament voltage power. AC packs replaced the storage and dry cell batteries and many sets were completely AC operated. The change apparently produced dismay and confusion among the smaller suppliers. In the previous year more than 350 builders introduced new 1926 models however in the year of 1927 only about 145 companies produced the new models. The other major change was simplification of tuning controls. The multi-dial sets were being replaced with the one tuning dial and of course the filament control was eliminated. Kolster had five new '27 models all TRF single dial AC; Kennedy '27's were all AC single dial sets; Gilfillan produced models 55,60, 65,70,80 and 90 all were Neutrodynes AC powered; Grebe had two new models the C7 and Synchro-phase 7 both battery operated TRF; General Motors Radio had eighteen '27 models, 12 of which were AC, mostly TRF and 6 or 7 tubes; Freed-Eisemann had twelve new models, four of which were AC; Crosley had six new models two neutrodynes and 4 regen. TRF, three AC & 3 battery; AK series began with 33 and ended with 38 three were AC; These were a few of the 145 builders that produced new type AC single dial sets. No more smelly storage batteries to eat holes in the living room rug! No more failure of B batteries at a critical time in the program! Now any one could tune the receiver--even the small child. The radio set was no longer a mysterious instrument--it was becoming an electrical appliance--and THAT'S THE WAY IT WAS FIFTY YEARS AGO IN 1927

**THORDARSON ELECTRIC MANUFACTURING CO.**  
*Transformer specialists since 1895*  
**WORLD'S OLDEST AND LARGEST EXCLUSIVE TRANSFORMER MAKERS**  
**Chicago, U.S.A.**

## IHRS SEPTEMBER MEET

IHRS will hold its fall meet Saturday, Sept. 10 in Terre Haute, Ind. from 10 AM to 3 PM. The meeting will be held at the Rose-Hulman Institute of Technology, located 5 miles east of downtown Terre Haute on U S 40 (Wabash Ave.) See enclosed flier for directions.

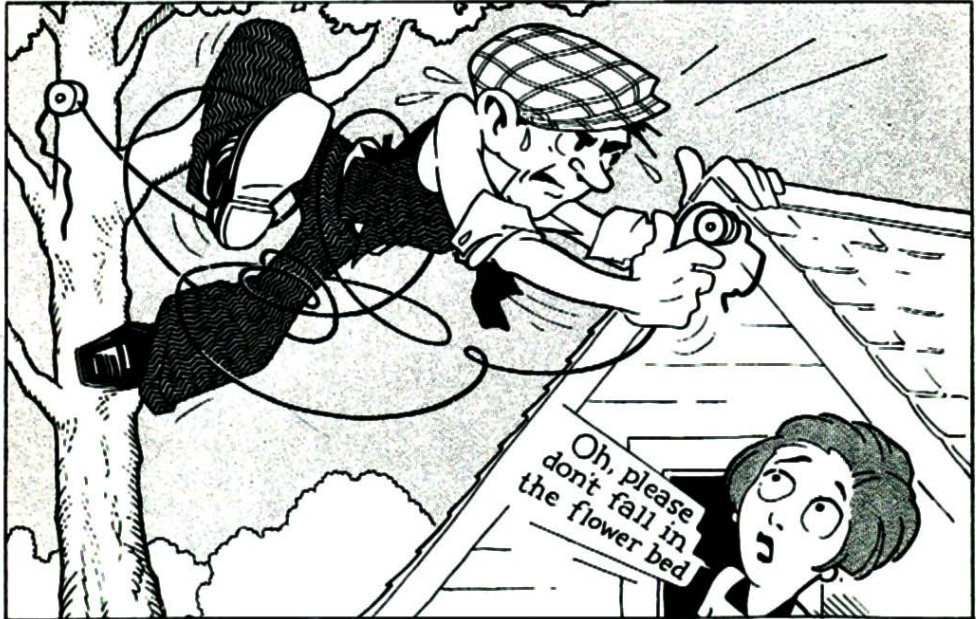
### BRING YOUR BOARDS

Members are asked to bring AK open sets for display. Also bring your swap material.

### OPEN HOUSE

Walt Sanders invites members to visit him at his house Friday evening or Saturday morning before the meet at 15 Todd Place (see flier for map).

ANNUAL ELECTION OF OFFICERS will be held at this meet.





Amateur Radio Stations in Indiana\*  
1910

Name	Location	Call	Band	Eqpt.
Geo. Urbach,	Rushville	GRU	208m	2"Spark
J.D. Sparks,	Rushville	JDS	100m	$\frac{1}{2}$ "Spark
F.H. Johnson,	Ft. Wayne	LMM	146m	1"Spark
Phil. Lamberg,	Mich. City	PML	110m	$\frac{1}{2}$ "Spark
R.T. Morse,	Indpls	RTM	145m	2"Spark
Rod. Penn,	Logansport	RP9	240m	1"Spark
A.I. Deane,	Van Buren	VHM	92m	1"Spark
W.T. Miller,	LaPorte	WT7	164m	2"Spark
Fritz Henry,	receiver only, call			FHM Connrsvle
Milo Garside,	Receiver only, MI			Valpo.

\*As listed in 2nd Annual Wireless Blue Book of the Wireless Association of America, June 1



Atwater-Kent and Bakelite



### **DEPUTY CHIEF FRANK D. CAMPBELL**

Frank Campbell was born in Elizaville, Clinton County, Indiana in December 1922. He attended various schools in the neighborhood and graduated from high school in Thorntown Indiana. Frank's radio career started in the CCC's in 1942 and continued in the Navy as an Aviation Radioman. He followed his Navy service by attending and graduating from Valparaiso Technical Institute in 1947. Frank joined the Indianapolis Police Communications Division, which was then headed by Capt Robt. Batts, a pioneer in Police Radio Communications, and later headed that department upon the retirement of Capt. Batts. In 1976 Frank Campbell was promoted to Deputy Chief of Service Division of IPD. Frank served as Indiana State President of the Associated Police Communication Officers in 1954 and ten years later, in 1964, was elected National President of the APCO. He belongs to the Masonic Order, Scottish Rite and Shriner. He is a member of the Fraternal Order of Police. His Amateur radio call is W9CJS. IHRS salutes another distinguished member.

# POLICE RADIO HISTORY

## In The Beginning

By Frank Campbell

### 1916

New York Police Department established a coastal radio telegraph station KUVS for communication with harbor police boats as well as general policing of shipping in the New York harbor.

### 1921

Detroit, Michigan obtained first broadcast license KOP to broadcast daily lists of stolen cars to general public. As a broadcast station, regular programs were required, so entertainers were invited to police headquarters to help fill in time. This project was dropped in 1922 as it did not prove successful, due to mobile receiver problems.

### 1923

State of Pennsylvania established radio telegraph system on 257 Kc between their state police posts.

### 1928

Detroit, on April 7, 1928, officially went on the air with station WCK on 2410 Kc as the first police radio system in the world. Experiments had started the year previous in the attic of the police station on Belle Isle. Two operators, Walter Vogler and Bernard Fitzgerald who were involved with the first station along with Bob Batts from Purdue University in Indiana were involved in this project. Bob is credited with the design of the first mobile receiver to make the system work.

### 1929

Cleveland, Ohio became the second police radio system to go on the air in September with Indianapolis third by December.

## POLICE RADIO HISTORY - continued

### 1932

Bayonne, New Jersey on December 22, 1932 became the first Department to officially use two-way radio.

## INDIANA POLICE RADIO

### 1929

Indianapolis, on Christmas Eve December 24, 1929, started the first police radio system here in Indiana as well as third in the Nation. Bob Batts was on "leave" from the Detroit Police Department to assist Indianapolis get its start; however, he never returned but continued with the Indianapolis Police Department until his retirement in 1952. He has since retired from the Motorola Corporation and now resides in Florida.

The Indianapolis system started with 10 Model A's equipped only with receivers (one-way) under license WMDZ. The transmitter was a 500 watt composite VT on a frequency of 1712 Kc.

Working two shifts 10 AM - 6 PM and 6 PM - 2 AM, the first 50 days resulted in 1300 messages, 300 radio runs and 47 arrests. The Police Radio Department was comprised of five men who placed this \$4,500.00 system in operation.

### 1930

City of Richmond WPDH went on the air on 2416 Kc. By the end of 1930, there were 48 police systems on the air across the country.

### 1931

Fort Wayne, WPDZ, on 2490 Kc and Kokomo, WPDZ, also on 2490 KC obtained their radio systems. Indianapolis installed receivers on 32 solo cycles to the first radio equipped cycles. These receivers were the first to use P.R. Mallory vibrator power supplies.



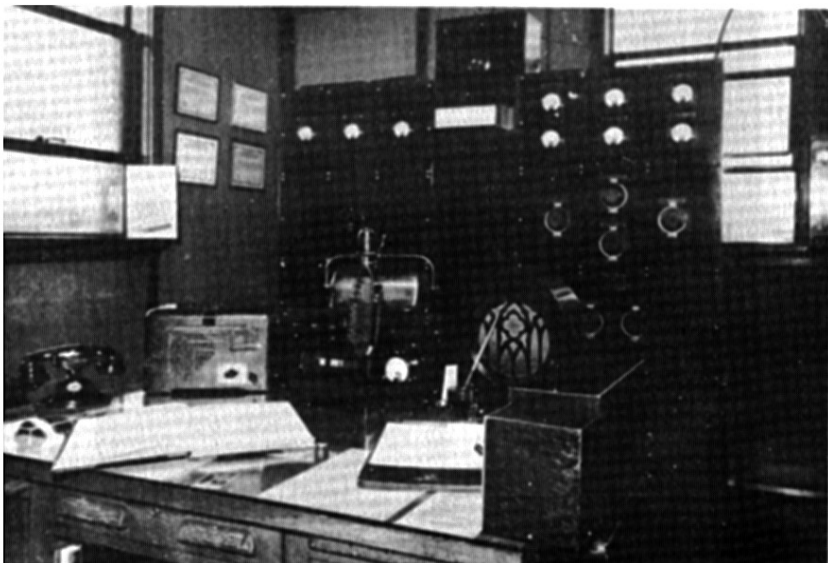
1931

These early years of radio receivers consisted of three stages of tuned r.f. using screen grid type 322, a 200-A detector, a 201-A first audio amplifier and a 112-A output tube. Heavy duty 135 volt B batteries were used with a six volt storage battery mounted on the running board provided the A power. Battery drain on this A battery was 1.1 amp so storage batteries were switched constantly.



**Sgt Young, Robert Batts  
One of the First Detroit Mobile Receivers**

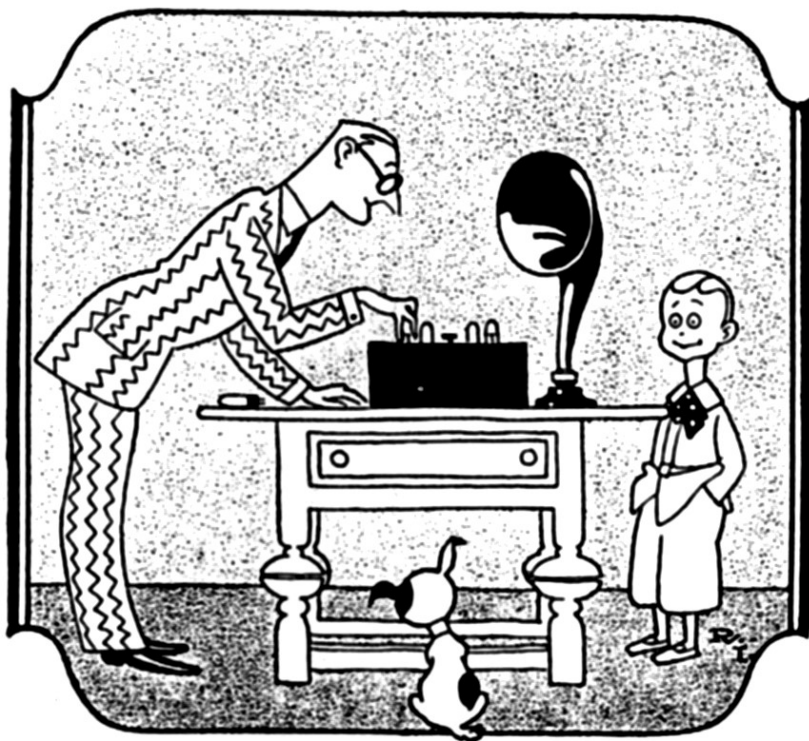
WMDZ--Indianapolis Police Radio





De Forest Radio Photo

**One of the Michigan State Police cars which, because of its radio receiver equipment, is in constant touch with headquarters and can sometimes be at the scene of a crime in time to catch the criminals red handed**



# ★ ★ RADIOADS ★ ★

WANTED Commercial kits-pre 1931 tube or xtal  
SELL pre '40 tubes send your want list---  
1230 S. Belhaven St Anaheim CA 92806-Tracy  
Sands.

SELL Capehart Speakers (2) Model 81-72 make  
an offer for one or both--Scott Brissey--414  
Bloom St Highland Park Ill 60035

SELL or TRADE Grebe CR9, DeForest Interpanel,  
AK9 Breadbord #4445, Radiola RC, Radiola III,  
Radiola IIIA. Want other Grebe, Breadboards,  
Spark Gear--118 Countryview Drv Naperville Ill  
60540--Mike White

WANTED The 14" wooden bell section from Music  
Master horn also RCA Magic Voice mod. 9K-2  
--324 Forest Ave Aurora, Ill 60505--Bill  
Hennen.

WANTED To correspond with owner of Airline  
"6" Chassis--sold at Auburn Auction April 16th  
--Box 3053 Marion Ind TX 674-3014--Carl Strand

WANTED Dial for Crosley 51 or 52 also set of  
80 mtr coils for SW3 model 2 (#64A coils)--  
1005 So 18th, Lafayette Ind 47905--W9ASX

WANTED Set of 80 meter coils for SW3 10-20  
series Coils #14 of 14A, 2500 to 4500khz.--  
2505 Kickapoo Drv, Lafayette Ind 47905--  
Gary Vierk WB9VVU

SELL 1918 Duck Catalog (#11), profess-  
ional reprint, many illustrations. Includes  
loose coupler, spark gaps, crystal detectors  
breadboard receivers & transmitters with ckt.  
diagrams. \$7 ppd. --1975 Hertel Ave. Buffalo  
N.Y. 14214--Dick & Ann Schamberger

WANTED Old BC mikes for lobby display--1920  
to 1940. Need BC call letter plates for  
mikes.--PO Box 415 New Palestine Ind 46163  
--Harry Martin



# ★ ★ RADIOADS ★ ★

SELL 8 Page copies "Operating Instructions" for Crosley 51 Spl. Great for all 50 series models. \$1pp--6518 Gunpowder Lane, Prospect Ky 40059-- Gordon G. Eklund

SELL Vol.14--1954 and Vol.18--1958 Supreme Radio Diag.-like new \$2.50ea pp-324 Forest Ave Aurora Ill 60505-- Bill Hennen

TRADE RadiolaIIIA and Sparton AC7 w/kellog tubes--good condx-for Orante or unusual Cathedernals such as Jesse French Model G; Sterling Model F; or Indiana made migets; DePree, Kennedy, Steinite, Code and Patent Development Co. --616 Barron St. Logansport Ind 46947-- Frank Heathcote

WANTED Antique vertical boiler toy steam engine, prefer high quality German or English model. Cash or trade quality antique radios--RR1 Box 218A Windfall Ind 46076-- Don Johnston

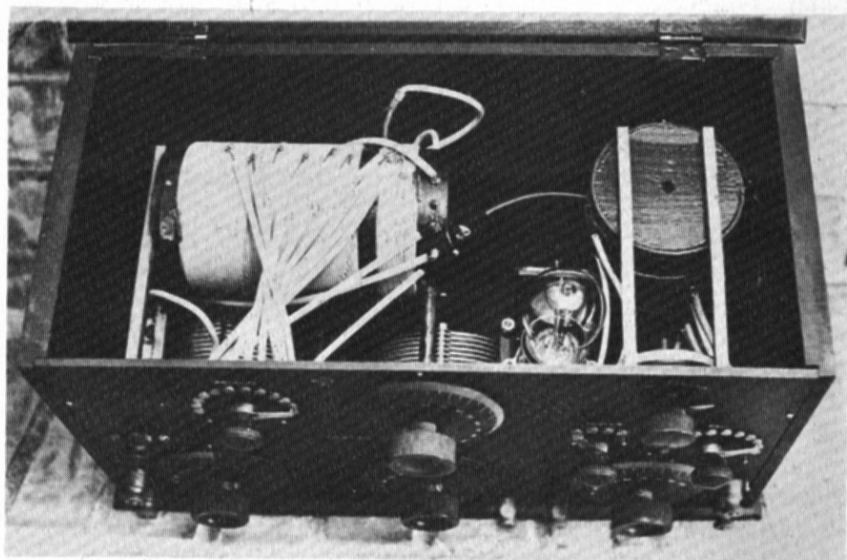
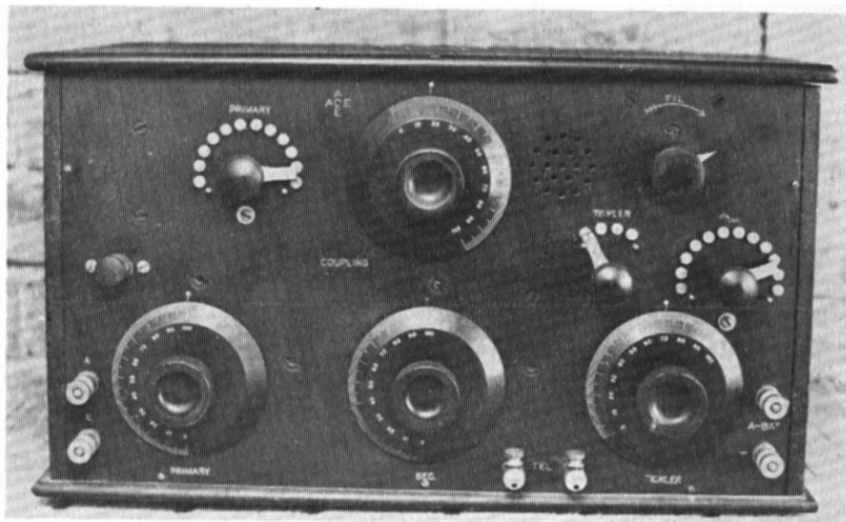
WANTED Crosley radios, advertising signs & books, Riders unabridged Vol.1. Have for trade or sale Radio Boys and other radio adventure books, 43 in all--2840 Alabama Ave So. St. Louis Park, Minn 55416-TX 612-929-5163 after 5:30pm-- Jack Bacon

WANTED Jewel or Weston plug-in set analyzer of '20s & '30s advise condx and price--3212 Peach Tree Ct. Bakersfield Calif 93301-- Wm L. Poston

WANTED Dial escutcheon for Philco mod 70; lid for Radiola 16; Zenith 4R or 3R complete or parts; tube sockets & variocouplers. Like to meet other collectors in central Ohio--341 Jamestown Ct. Columbus Ohio 43228. TX 614-276-8463-- Bob Johnson

WANTED Amateur Radio Call Books circa 1934-1942 also ¼" phone plugs for speaker or phone tips--973 Maple St Holly Mich 48442-- John R. Huntley WD8ENZ

AWA-IHRS CLASS III Winner Ace-Precision  
by Mike White



# W1Z E

1901

MATTAPOISETT, MASS.



9/2/46  
 Many thanks, for 450  
 & 452, 73

Very truly  
 Yours  
 Irving Klemm

The **FIRST**  
 Licensed Amateur  
 Operator in the U.S.A.

## What are the Wild Waves Saying?

You can find out with "Ace" equipment.

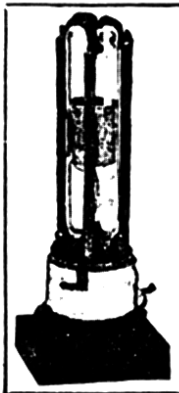
We can furnish parts for audion control panels and amplifiers. The panels are 3/16" formica, grained finish, lettering in white. Control panel includes socket, grid leak, grid condenser, rheostat, binding posts and formica panel. Amplifiers include the above and transformer, etc., all ready to wire.

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- Audion Control Panel ..... \$7.50
- One Step Amplifier ..... 10.00
- Audion Control Panel and One Step Amplifier on large panel ..... \$17.50
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You may pay more, but you can't buy better

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## The ORIGINAL AUDIOTRON ADAPTOR

Consists of a standard 4 prong base with appropriately placed brass pillars to accommodate five leads. Practical and convenient.

**\$1.75 EACH** Postpaid  
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New "VT" Socket, \$1.00  
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One look convinces you our Paragon Filament Rheostat is the best. The 6 ohm non-oxidizing resistance permits fine adjustment on 4 or 6 volts. Cast in heat-proof Condensite 2 1/2" dia for back or front mounting.

**\$1.75 Each, Postpaid**

RADIO EQUIPMENT COMPANY  
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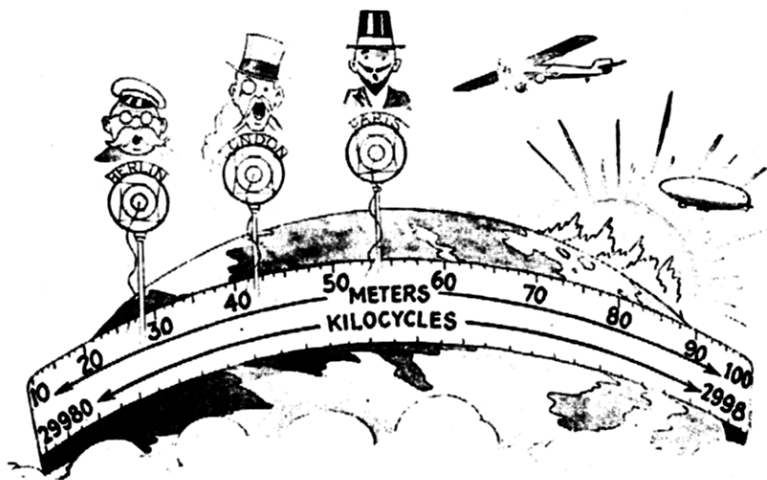
Send remittance when you send the tube. We prepay parcel post back to you.

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 511-519 Orange St. NEWARK, N. J.

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**AUTHORIZED COCKADAY COIL**  
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 209-C Centre Street New York

## RADIO CALL SIGNS IN 1910

The call WLS was used by a government wireless station in Las Salinas, Chile---Cape Cod used the call MCC on 1500 meters and ran 35Kw--Marquette Michigan's wireless station on 900 meters used the call sign CQ with a power of  $7\frac{1}{2}$  Kw--the CB call letters were used by a commercial wireless station in Buffalo N.Y. operating on 900 meters with 15Kw and another wireless in Boca del Colorado, Costa Rica on 400 meters--GO was a wireless station located in the Congress Hotel in downtown (the Loop) Chicago--XMQ was located in Michigan City Ind and operated on 1400 meters with a daylight range of 300 miles-- KTS was the call used by the German Government Station was located in Tsingtau Kiaotschou, China and operated on 350 meters. (Taken from the List of Wireless Stns. of the World as of Oct 1 1910 as compiled by the U.S. Navy)



THORNDARSON  
WIRELESS  
TRANSFORMERS

# Shut-In Follows Big Race at Speedway



Mr. DeLong is An Industrious Invalid. He Runs a Business and Writes For Magazines, and is Well Acquainted With Radio.

Because he is an invalid, A. J. DeLong, of Lafayette, Ind., could not attend the 500-mile automobile race at the Indianapolis speedway. He could not join the crowds at the gates, brave the hot sun, and smile at the dust. Nevertheless he attended the race—by radio.

Like most young men, DeLong is interested in sports. Each year he has waited patiently for the information, or phoned a newspaper office for some word about the progress or result of the contest. This year it was different. All that he had to do was to reach out and put his radio set in operation, and the voices of those who announced the official bulletins were audible all over his room. He did not need to wear a head-set as he has his receiving outfit equipped with a Magnavox, which makes the sounds so loud that music is often heard a block away.

At ten o'clock he heard the bomb explode that started the race drivers on their way. He also heard the roar of the engines as the drivers pulled away for the long grind. Dur-

ing the race he knew as much about the positions of the drivers as the man who had his straw hat pushed in by the fellow behind him: At regular intervals the two broadcasting stations at Indianapolis sent out bulletins and information regarding the progress of the contest. This voice came in as loud as if the announcer had been standing in DeLong's room.

A radio set is an interesting invention to all who are acquainted with its operation, but it is the more precious to DeLong because of his physical condition.

DeLong makes his living by taking subscriptions to magazines. He has a host of friends. Everybody in Lafayette knew that he was getting first-hand information about the races. His place of business was crowded with those who were eager to get some word about the contest. Both his telephones rang incessantly, and he and his assistants put in the biggest day's work they have done for some time.

\*The Indianapolis News.

1922





# FERROWATT ELECTRICAL MUSEUM

673 GREAT WESTERN HIGHWAY  
FAULCON BRIDGE N.S.W. 2776  
AUSTRALIA

TELEPHONE (047) 511608

Don K. Johnston  
Box 218a  
windfall  
Indiana 46819.  
U.S.A.

Member:  
ANTIQUE WIRELESS ASSOCIATION  
THE INDIANA HISTORICAL RADIO SOCIETY  
Foundation Member:  
THE INCANDESCENT LAMP  
COLLECTORS ASSOCIATION

23rd May, 1977.

Dear Don,

Enclosed is my check for renewal of membership for 1977. Sorry for the delay in getting it off to you but things have been hectic down here these last few months.

We have almost 1000 tubes in the Museum as well as components, light fittings etc. and 35 radios. The main interest in the museum here is a collection of over 2,500 different types of light bulbs dating from 1881 to the present day.

Also enclosed is a photo of myself, which shows, in the background, some of the light bulbs and tubes. This photo is a bit dark, but perhaps could be used in a future bulletin.

Sincerely,

*F. M. Stewart*



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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.**

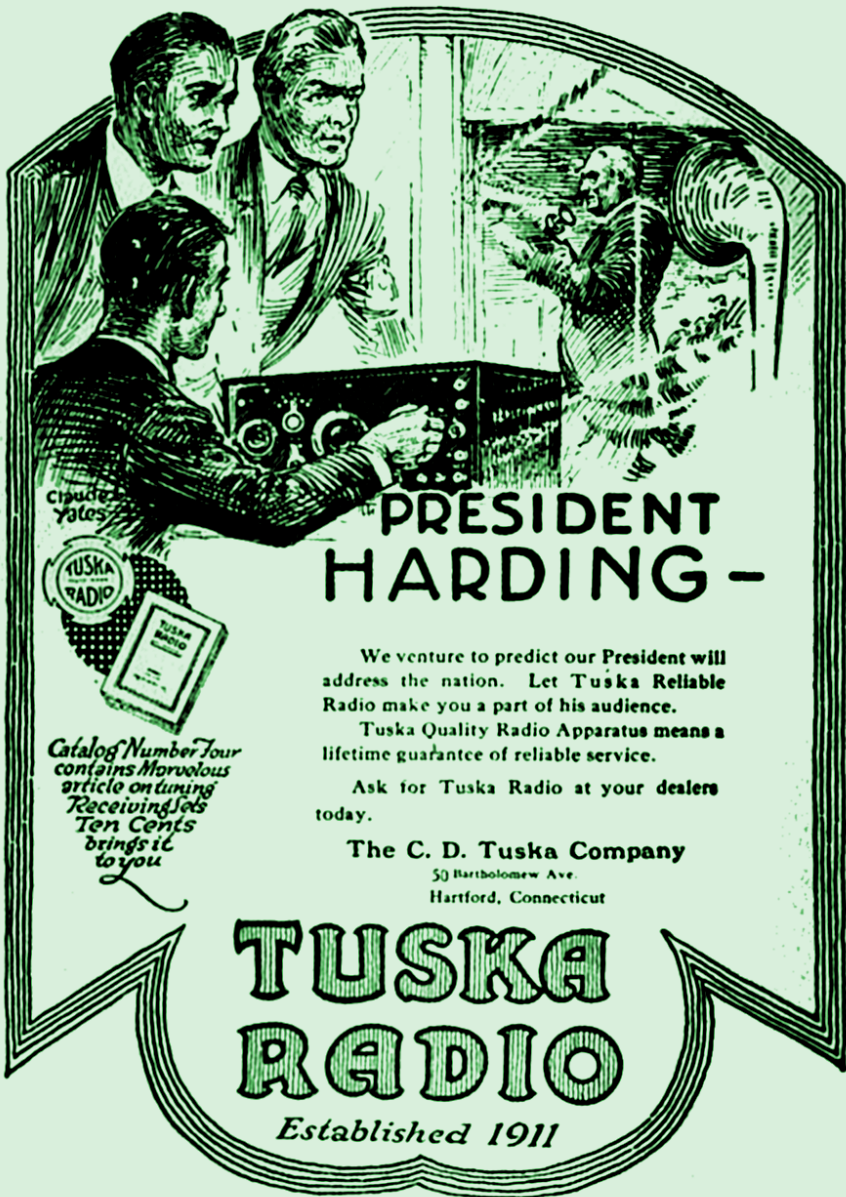
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Please use SASE when corresponding.

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The **INDIANA HISTORICAL RADIO SOCIETY** has a minimum of four meetings each year. These meetings are held at various locations throughout the State of Indiana. All members are invited to participate. Guests are Welcome.

**RENEW YOUR MEMBERSHIP!**



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*Catalog Number Four  
contains Marvellous  
article on tuning  
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