FIRST ANNUAL
Spring Ham-Fest
... and Dance

RADIO AMATEURS of
the CHICAGO AREA
Congratulations . . .

to

- the Amateurs of this area, drawn together tonight by that spirit of brotherhood which is such an integral part of Amateur Radio.

- the officers of all Amateur Clubs cooperating to make this occasion possible. Representing many thousand active Amateurs, this group is well aware of its responsibilities, and the opportunity it has for serving the advancement of Amateur Radio.

- the manufacturers of Amateur equipment who have so abundantly donated the prizes which are on display — and perhaps one of which will be yours before the evening is over.

- our fellow Amateur equipment dealers who, without a single exception, have so actively cooperated in assuring the success of the First Annual "Ham-Fest" and Dance.

—and an expression of our appreciation for the opportunity we have had to assist in sponsoring an event which will be of permanent value in drawing together the Amateurs of this area.

Mid-West Radio Mart
520 S. State St. - - Chicago, Ill.

First Annual
DANCE and HAM-FEST
of
Chicago Area Amateurs

MAY 12, 1934
GOLD ROOM
CONGRESS HOTEL

Sponsored by
MID-WEST RADIO MART
in cooperation with
the Amateur Clubs of the Chicago Area
and
the Amateur Equipment Dealers of Chicago
**RCA-841 · · · RCA-842**

**NOW ONLY**

**$3.25 EACH**

RCA-841 is a three-electrode tube of the high-mu type, and is particularly useful in radio amateur transmitters as a radio-frequency doubler, r-f power amplifier or oscillator (self-excited or crystal-controlled). It may also be used as a voltage amplifier in resistance-coupled rf circuits. Filament voltage, 7.5 volts. Filament current, 1.25 amperes. As Class C r-f amplifier, maximum unmodulated d-c plate voltage is 450 volts, maximum d-c plate current, 60 ma.

RCA-842 is a three-electrode tube of the low-mu type well suited as a modulator and Class A power amplifier type in amateur transmitters. Filament voltage, 7.5 volts. Filament current, 1.25 amperes. Maximum d-c plate voltage, 425 volts.

RCA-841 resembles type 10 in operating characteristics and rating, while RCA-842 resembles type 50.

Now that these tubes are priced at only $3.25 each, net to the amateur, they deserve the particular attention of those who want the most for their money.

RCA-841 and RCA-842 carry a rating of 15 watts maximum plate dissipation and may be used to advantage in applications ordinarily suggesting the 10 or 50 respectively.

For complete technical information on RCA-841, RCA-842 or other RCA-deForest types, see your RCA-deForest distributor or write to

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**PROGRAM**

**Music**

Ed Wilcox and his Orchestra—one of the most distinguished of local orchestras—specializing in a pleasantly sophisticated type of music. Wilcox has coordinated his group of twelve talented artists into a unit, the arrangements of which are especially formed for unusually pleasing renditions.

Kay Brooks, soloist and whistler, and C. O. Wilcox, baritone, are featured with the orchestra.

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**Entertainment**

Joan Clarke—interpretive dancing.
Ramon and Lucille—well-known European dance team.
And other well-known entertainers.

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**Toastmasters**

John O’Hara, W9OP; W. D. Ferrell, W9CGV.

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**Sponsor**

Louieh Poncher, Chairman of Sponsors Committee, President, Mid-West Radio Mart.

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We thank THOMAS B. GIBBS & CO. for the use of their fine Sound Amplifying Equipment.
Prizes

The following manufacturers and dealers of radio equipment have donated the prizes which are to be distributed at the First Annual Spring “Ham-Fest” and Dance, given by the Amateurs of the Chicago Area:

Chairman of Prize Committee: ROYAL HIGGINS, W9AIO

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Sangamo Elec. Co.
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The Speedex Co.
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GREETINGS FROM THE “HAMS” VETERAN HOST

The Crystal AVC Pro
A standard of high frequency receiver design, the Comet “Pro” is the popular choice of commercial agencies and amateurs throughout the world. Available in four models:
- Standard, Standard with AVC, Crystal and Crystal with AVC. Battery DC or AC. All voltages. All frequencies.

Transmitting Condenser
Incorporating features usually associated only with high power transmitters, these condensers represent a marked advance in both design and construction for medium and low power installations. They are ideally suited to the requirements of the professional, amateur, and laboratory.

THREE MORE POPULAR FRIENDS OF THE HAM

Transmitting Chokes
These chokes are specially designed for parallel feed in high power transmitters operating in the 20, 40, 80 and 160 meter amateur bands. They will stand 500 mills.

Midget RF Chokes
These chokes are invaluable for use where space is at a premium. Will carry 125 mills.

The HAMMARLUND MANUFACTURING CO., Inc.
424-438 West 33rd Street, New York
Chi-Rad SAYS

"Thank You"

TO THE

AMATEUR FRATERNITY

of

THE MIDDLE WEST

FOR THEIR PATRONAGE OF

THE PAST 12 YEARS


Chicago Radio Apparatus Company
415 South Dearborn Street
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NEWARK ELECTRIC CO.
226 WEST MADISON STREET
CHICAGO

Always first with the newest transmitting and receiving parts. We are with the amateur in all his activities.

A LARGE STOCK for YOUR SELECTION

GREETINGS!
for a Merry Get-together
to Amateurs of the Chicago Area

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OHMITE
announces
A New Amateur Resistor Department
under the direction of
"Jim" Howe - W9PLV

WATCH FOR DEVELOPMENTS!
A Complete New Line
of Amateur Resistors is on the Way!

OHMITE MANUFACTURING COMPANY
636 North Albany Avenue - - - Chicago, Illinois

Amateurs . . . Microphones

Model X—stretched diaphragm microphone. Radio's
most sensational microphone value. Standard impedance—
gold spots, low hiss level, fully protected diaphragm. Single
button, amateur's price, $4.41. Double button, $5.88.

Tip-Ring and Sleeve Telephone-Type Plug and Jack

For microphone use. Standard
size. Jack priced to amateurs at
44c and the plug at 88c.

These items were picked at random from Universal's catalog sheet. Universal
manufactures the most complete line of microphones and allied
accessories available anywhere.

All these precision instruments come from its own factory, and thousands
of amateurs have for over six years used Universal microphones, transformers,
input stages, mixers, panels, battery converters and other items for constant
quality transmission of sound. Sold by Dealers and Jobbers everywhere.

UNIVERSAL MICROPHONE CO., Ltd.
Inglewood, California

W 9 USA
Radio Amateur Exhibit
"A CENTURY of PROGRESS"—1934

The World's Fair Radio Amateur Council, sponsor of the 1933 Radio
Amateur Exhibit, will again be host to all visiting hams in our 1934 Display.
This year you will find our interesting features in the Travel and Transport
Building at A Century of Progress, Chicago.

Nearly 2000 square feet—crowded with Radio Amateur Exhibits and displays—a show you will never forget.

Amateur Radio—presented to you in a “New Way”—colorfully and artistically handled in true 1934 style.

W9USA is our call for all transmitters in use at the Fair. We will go on the air about May 17th, on 7030 K. C. Watch for us and give a call or send a report when you hear us. Thanks.

There will be six transmitters of various powers and types. You may come over and work one of the rigs if you bring your license with you. (This
is absolutely necessary since no one will be allowed to operate without
his license). Remember this—for your own satisfaction.

Yes, the Arrl is 100% with the World's Fair Radio Amateur Council. We
are not only affiliated with Arrl but QST is doing everything possible to help us present the story of Amateur Radio to the Public.

Radio manufacturers will have their latest and best material on display and in use in our transmitters.

There will be prizes for the best manufacturer's exhibit and prizes of all
types for attendance of radio amateurs from everywhere.

Something doing every minute the Fair is open—for five months. Special
features and stunts will be maintained and there will be plenty of activity.

Among the Special Features of the Radio Amateur Exhibit, will be the
transmitter in operation in the Court of the Hall of Science. "A Century
of Progress" is cooperating in this activity and every afternoon an audience
of 10,000 will see our feature performance consisting of actual radio trans-
missions conducted in true amateur radio fashion.

Contact will be made with radio amateur stations throughout the world
primarily on the 7000 and 14,000 K. C. Bands.

Both Code and Voice will be used, on the proper bands, and both sides
of all conversations will be presented to our huge audience seated in the
Court. By giving the complete conversations to the audience, with the aid
of an intricate loud speaker system, our guests will be enabled to "listen in"
on an Amateur Radio Station at work and get the feeling of an actual "QSO." Many will thus have their first opportunity to see an Amateur Radio Station
in action.

The World's Fair Radio Amateur Council is building a Special Transmitter,
for the purpose, consisting of two 203A's Class B modulating two 211s in
the output stage. Complete control of the station is in the hands of the
Council and the Call Letters W9USA will be used.

The Radio Amateur Exhibit is for "the Amateur" and "the Public" and
we aim to bring the two closer to one another by the presentation of amateur
radio in graphic display method. Will you be there?

World's Fair Radio Amateur Council
Compliments
of
SPRAGUE PRODUCTS CO.
and
SPRAGUE JOBBERS
of
CHICAGO
Sprague Oil Transmitting Condensers  Paper Condensers  Dry Electrolytic Condensers

"The Best is the Cheapest"
—Benjamin Franklin

THE nearest Ben ever came to anything even remotely connected with Radio was when he flew his kite and drew sparks of static electricity from his kite string.
The simple appurtenances of his day have been multiplied a thousand times but the same old adage still holds good, right down to condensers.
Extra pennies invested in the best obtainable condensers pay handsome dividends. Using second rate condensers is poor economy.

FOR EFFICIENCY AND REAL ECONOMY USE

CARDWELL CONDENSERS
TRANSMITTING  RECEIVING  FIXED AND VARIABLE
Send for Literature

The Allen D. Cardwell Mfg. Corp.
80 Prospect Street  Brooklyn, N. Y.
"THE STANDARD OF COMPARISON"

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Volume Controls - Attenuators
Truvolt and Precision Resistors
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Complete Lines on Display at All
Local Dealers

Electrad, Inc., 175 Varick St., N. Y. C.
It's Here!
THE 1934 MODEL of the FAMOUS
DENTON DISCOVERER

A Real Short Wave
Superheterodyne
for "HAMS" with
all the features you're
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AMERICAN Microphones
A complete line—for all
broadcasting, recording,
public address and
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Ask your dealer for catalog and prices

Represented by Al Bruning
DELaware 5047

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TO THE AMATEURS:

We wish to ex-
tend our deep appreciation to you for
your kind co-operation in the reception
of our line of transmitting tubes.

Sincerely,

TAYLOR TUBES
FRANK J. HAJEK, W 9ECA
WARREN G. TAYLOR
A Small Stock Does a Big Job!

CLAROSTAT “X” line has over 400 controls to choose from—exact as to electrical overall resistance, taper, bushing, shaft length, and will fit into exact space in set.

CLAROSTAT AD-A-SWITCH line comprises the maximum utility with minimum stock investment. Series W (Wire Wound) obtainable from 50 to 50,000 ohms. Series C (new composition element) obtainable from 1,000 to 5,000,000 ohms. Both lines obtainable in all tapers—insulated shaft 1½" long. Wide use is indicated as follows: W-28 will service 128 sets; C-28, 106 sets; W-29, 77 sets; C-59, 66 sets, etc., etc.

1. We give service with a small inventory.
2. There are over 400 “exact duplicate” controls in the “X” SERIES.
3. Yet with SIX controls in the original AD-A-SWITCH SERIES, we found that when necessary, 477 sets can be serviced.
4. By combining controls from both lines we are able to meet any requirement with a minimum stock investment.
5. We have the widest range of controls to choose from.
6. We found that CLAROSTAT CONTROLS are inseparable from Quality Service Work.

NEW CONTROL REPLACEMENT GUIDE UPON REQUEST

CLAROSTAT MFG. CO., Inc.
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“AD-A-SWITCH” was originated by Clarostat

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MAJESTIC Electric Supply Company

Distributors of Everything Radio and Electrical

Compliments of
Birnbach Radio Co., Inc.
Manufacturers of
STANDOFF INSULATORS
ALL WAVE & SHORT WAVE ANTENNA KITS
ALSO VARIOUS TYPES OF HOOK-UP AND AERIAL WIRES

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FEDERATED PURCHASER
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Have you heard?

How an entirely new short-wave receiver design is outdistancing all older set designs. Performance that is dependable—the need of all amateurs is offered by this remarkable set. Yet it is startlingly low in price. See it at CHI-RAD or ALLIED.

SKY-RIDER
Short-Wave Receiver

by hallicrafters, Inc.
417 N. State St., Chicago, U. S. A.

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Ask your dealer
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Variable Condensers
Midget Condensers
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Better Performance - Bigger Value

FEDERAL INSTRUMENT CORP.
325 Classon Avenue - - - New York, N. Y.

DRAKE
SOLDERING IRONS
for Satisfaction

An Iron
for Every Purpose

DRAKE ELECTRIC WORKS
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you can depend on

CONSOLIDATED WIRE
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Certified
for precision quality

CONSOLIDATED CORPORATIONS

TWO TIPS
for amateurs in search of bigger values!

- Transmitting Condensers
New Continental High Voltage Transmitting Condensers are conservatively rated, will take high surges—yet priced to save you money. Also complete line of lower voltage units.

- Carbonite Resistors
The remarkable new resistor with 1000 volt insulation. Lowest voltage characteristic. Noise-free. Will stand 100% overload. Offered in all resistance values, in rating up to 5-watts.

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Lightning Radio Calculator Co.
OWENSBORO, KY.
BE SURE AND SEE THE
LIGHTNING RADIO CALCULATOR
at
Mid-West Radio Mart
IN CHICAGO
or your local dealer

Full Details from
Mid-West Radio Mart

Continental Carbon, Inc.
Cleveland, Ohio
TO-NIGHT

ED WILCOX and His Orchestra

Orchestras for All Occasions

59 E. Van Buren St.
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GREETINGS and VERY BEST WISHES

BUD RADIO INC.
Cleveland, Ohio

COMPLIMENTS to the HAMS from the
PHILMORE MFG. CO.
New York, N. Y.

Curtis Electrolytic Condensers
in All Styles Sizes Shapes for every replacement need.

Hytron Radio Tubes

- For the Amateur, Hytron has recently added the new type 825 and 866 tubes. A complete line of all standard receiving and transmitting types is available. Ask your dealer for price list.

Hytron Tube Corp.
Salem, Mass.
EVERY ADVERTISER

In this splendid Dance Program
Should
Be Represented in the
Radio Amateur Exhibit
“A Century of Progress” - 1934

For information about space, for your Exhibit, address all communications to the World’s Fair Radio Amateur Council, Suite 1005, 19 South Wells Street, Chicago, Illinois.
(Or inquire at Exhibit in T. & T. Building)

Will YOU be there?

Make Your Transmitter

• Easier to Operate
• Safer

GUARDIAN RELAYS

Overload Break-In Keying

Sold By
ALLIED MID-WEST NEWARK

Guardian Electric Mfg. Co.
CHICAGO, U. S. A.

• Push-back wire
• Auto-radio cable
• Microphone cable
• Short-wave lead-in
• Shielded lead-in
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Sold by leading distributors

Lenz Electric Mfg. Co.
1751 N. Western Ave. Chicago

ARCTURUS
“Blue Tubes”

SOLD BY ALL LEADING JOBBERS

Comline line offers all modern types

Arcturus Radio Tube Corp.
Newark, N. J.
“AFTER THE DANCE IS OVER—”

as well as before it began,—the Amateur Brotherhood turns to ALLIED for dependable standard “Ham” equipment, for better service, for consistently lower prices, and for valuable personal contact.

We are pleased to present a complete selection of the leading standard lines of Short Wave Transmitting and Receiving materials, including the products of:

NATIONAL  HAMMARLUND
THORDARSON  CARDWELL
JOHNSON  BLILEY
ACME-DELTA  WARD-LEONARD
TAYLOR  RCA-DE FOREST
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These lines as well as many other standard “Ham” products are in stock at our Salesroom, 833 W. Jackson Blvd., HAY. 2255.

A name as old as amateur radio!...

THORDARSON

To have built transformers for over forty years, retaining unquestioned leadership at all times—is the direct result of the THORDARSON policy to offer nothing but the finest product that engineering genius and unexcelled manufacturing facilities can produce.

The new THORDARSON Transmitting Line includes over 130 Transformers. Ask your dealer for a catalog.

Your dealer now has the new THORDARSON Transmitter Guide

Thordarson Electric Mfg. Company
500 West Huron Street  Chicago, Illinois
HANDSOME IS AS HANDSOME DOES

- Quality in technical equipment means more than surface finish, it implies a particular fitness for the task, an unusual efficiency in operation, a ruggedness to endure. Such quality we claim for National Products. - Each unit from the midget padding condenser, remarkable for its strikingly low temperature coefficient, to the heavy Navy type with high volt-ampere rating, displays this particular fitness. Alike in the careful use of low-loss insulation, non-resonant plates and trouble free rotor connections, they possess this unusual efficiency. And painstaking design, good materials and nice craftsmanship insure lifetime reliability.

The most complete quality line of amateur transmitting and receiving equipment

Latest Models on Display at
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