

The Hawthorne Microphone

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NEW LOCAL RADIO STATION TO USE W. E. EQUIPMENT

Sears-Roebuck to Broadcast thru W. E. 500 Watt Transmitter—Our Stations Heard in Europe and Arctic Circle

Another triumph for Western Electric apparatus is seen in Sears-Roebuck's choice of our equipment for their new broadcasting station, which is scheduled to be on the air in Chicago some time this month.

The new station is to be operated by the Sears-Roebuck Agricultural Foundation and is to be one of the most powerful in the United States operating under class "B" license. Broadcasting will be carried on at 448 meters. In view of the fact that WJAZ and WMAQ are operating at this same frequency, these three stations will probably reach some agreement to broadcast at different times.

By having the station located in the open district and free from absorption by its own and adjoining buildings, L. E. Dryden, who has charge of construction, estimates it will be possible to put more energy in the air than any other Chicago station. There will be one 130-foot aerial post. The other post will be the fourteen story tower of the Sears-Roebuck Tower Building.

The operating room and studio will also be on the fourteenth floor of the tower. The station will have a rated output of 500 watts and its studio will be the last word in perfection of construction and equipment.

According to reports it will be the only exclusively agricultural broadcasting station in the United States. It will be on the air at night and in the daytime and its programs will include market reports, current event features and talks on what is going on all over the agricultural world, as well as concerts and other strictly entertainment features.

Our broadcasting stations have built up an enviable reputation for clearness and range. The Newark, N. J., station (WOR) has been received in London, Paris and Berlin on the same night. Davenport, Ia. (WOC), was one of the first to be heard in France, and the Omaha, Neb., station (WOAW) is reported to have been heard clearly and most frequently by Capt. MacMillan and his crew of arctic explorers on the good ship Boudoin, which is now frozen in somewhere in the Polar region.

Other Western Electric stations, most of which local radio fans undoubtedly have on their DX logs, are: KHJ and KFI, Los Angeles, Cal.; KIX, Oakland, Cal.; KGW, Portland, Ore.; KPO, San Francisco, Cal.; WLAG, Minneapolis, Minn.; WHB and WDAF, Kansas City, Mo.; WOS, Jefferson City, Mo.; KSD, St. Louis, Mo.; WBAP, Fort Worth, Texas; WFAA, Dallas, Texas; WMC, Memphis, Tenn.; WHAS, Louisville, Ky.; WSB, Atlanta, Ga.; WLW and WSAI, Cincinnati, O.; KOP, WCX and WWJ, Detroit, Mich.; WJAX, Cleveland, O.; WCAE, Pittsburg, Pa.; WIP, WJAR and WOO, Philadelphia, Pa.; WHAM, Rochester, N. Y.; WCAP, Washington, D. C.; WHAZ (2XY), Troy, N. Y.; WEAH (2XY) and WBAY (2XB), New York City; WNAO, Boston, Mass.; WSHU and WMAF, Dartmouth, Mass.; WJAR, Providence, R. I.; WCBH, Zion, Ill., and WMAQ, Chicago.

In addition to these, eight more broadcasting stations equipped with our apparatus are now on order and in some cases, under construction.

SCIENTIFIC CLUB MAKES DEBUT

Something novel in the way of local organizations has recently sprung up in the form of a "Scientific Club". The object of this movement, which started in the Development Branch, is to promote the study and discussion of current scientific topics. Anyone who is willing to take his turn in presenting a paper on a fundamental scientific subject is invited to become a member.

R. S. Dean, of Dept. 2490-A, broke the ice at the club's first meeting, which was held Friday evening, January 18th, in Conference Room 538, with a chemist's picture of "The Structure of the Atom". J. C. Karner, of Dept. 2461, followed with a presentation of the physicist's point of view on the same subject. At the next meeting, which is scheduled for Friday evening, February 1st, M. A. Lammé, of Dept. 2493, will talk on "Crystallography" and D. Fahberg, of Dept. 2478-3, will speak on "Crystal Structure by X-ray Analysis".

The meetings will generally be preceded by a supper in the Works Restaurant. Admission to membership requires merely handing or sending to the acting secretary, G. L. Schnable, Dept. 2491, a slip of paper containing the subject which the candidate is prepared to present in his first paper before the club. Since the club is a scientific rather than an engineering organization, it is expected that the presentations will deal with fundamental scientific research rather than with its application in the industrial field.

WHEN MURDER'S JUSTIFIED TWO MILES AND SIX MINUTES TO GO



ATTENDANCE AT CLUB DANCES STILL ON THE INCREASE

Hawthorne's happy hoppers are continuing to flock out in unprecedented numbers to the Club's dance frolics. At the specialty dance held at Guyon's Paradise Tuesday, January 22nd, over 2,000 cavorting caper-cutters flocked out to do their stuff.

T. (Tiny) Wolcott, of the Entertainment Committee, who had the job of providing the merry-makers with colored balloons, was at one time swallowed up by the crowd so completely that the rest of the committee thought he had got lost. However, he finally emerged from the crowd, shouting "balloons" in the traditional voice of the Sunday morning disturbers of the peace.

It wasn't long after the distribution of the balloons that a fusillade that sounded like a flock of beer runners debating with earnestness and automatics disturbed Old Man Gloom and sent him scampering out of the neighborhood completely, and he was reported at the Municipal Pier on his way to take a jump into the lake by the time the last balloon had been punctured.

The radio dance fans, who have been listening to the famous Guyon's dance orchestra from station WTAS at Elgin, Illinois, were delighted at the opportunity to step to the original strains of these famous entertainers. Because of the large crowd, the foxtrotters for the most part resorted to "west side dancing", but occasionally an opportunity to do some real gliding presented itself.

Prize Dance at Guyon's

The Entertainment Committee announces that tickets for the prize drawing dance to be held at Guyon's Paradise February 5th are going like the proverbial hot cakes. At this affair the Club will give away twenty prizes of \$5 each to lucky dancers. The drawing contests will be held during the intermission.

There has been no advance in prices for this dance. In fact, if tickets are purchased from Club representatives they can be obtained at prices considerably under box-office rates.

VAIL CHAPTER HOLDS DANCE

Enjoys Social Evening—Dept. 6337 Boasts 10 New Pioneers

The Theodore N. Vail Chapter of the Telephone Pioneers of America held its second social event Tuesday evening, January 29th, in the Bell Forum, 311 West Washington Blvd.

Those who arrived early were served an excellent table d'hôte dinner in the Illinois Bell Telephone Company's main dining room, with incidental music and other entertainment between courses.

At the conclusion of the meal the diners repaired to the Bell Forum, where they were

joined by those who came after dinner. The remainder of the evening was given over to dancing.

Ten Join Pioneers From 6337

Automatic Screw Machine Dept. 6337 leads the Works in number of recent candidates for membership in the Telephone Pioneers of America. The applicants from that organization are: Isaac William Atchison, Frank Bratnick, William G. Budenbender, John Gross, Frederick A. Meicke, Frederick M. Steimer, Leo Weith, Nelson G. Craig, A. Cantalupy and John Lechner.

John Schrader, of Drilling Dept. 6333, has also applied for membership in the society.

Any person having a total of 21 years of service in telephone work (not necessarily continuous) is eligible to membership in the Pioneers. Application blanks or further information about the organization can be obtained from G. Hopt, Dept. 5085, 'phone 1559, Bldg. 56-1.

NOVEL INSTRUMENTS ORDERED FOR OUR HAWTHORNE BANDMEN

Those who have noticed the great brass um-pah that protrudes its flared head, like the ventilators on an ocean liner, above the other instruments in most modern dance orchestras will be pleased to know that the Western Electric Works Band has acquired one of these great horns for its spring concert. Technically, this instrument is known as a "Holtan Sousaphone Tuba". It was invented by John Phillip Sousa, the well-known band master, who has carried these horns in the bass section of his band for a number of years.

Another acquisition by our band in the way of trick instruments is a marimbaphone, which is now on order. The marimbaphone resembles the xylophone with the exception of deep toned resonators which hang beneath its metal strips, eliminating the brittleness of the metallic sound. This instrument greatly increases the tonal quality of a band. It is very popular in solo work and is often substituted for a harp.

Orders have also been placed for alto and bass clarinets, which will add materially to the band's instrumentation.

That zero weather does not chill the love of Hawthorne musicians for good music is evidenced by the rapid increase in the band's personnel, ten having joined within the past fortnight. These new members are:—S. R. Nagle, Dept. 6358, French horn; J. Cimeter, 5376, trombone; D. W. Sanford, 6111-3, cornet; E. H. Langer, 6379, tympani; G. Hessberger, 6379, clarinet; C. P. Eldred, 6354, clarinet; C. F. Hunt, 6567, flute; J. J. Lorenz, 2476, cornet; F. Poiter, 5933, clarinet; R. Anderson, 6193, clarinet.

Director V. J. Grabel announces that there are still openings for oboe, flute, and French horn players. Anyone interested in this popular organization can obtain further information from Mr. Grabel, Dept. 6967, 'phone 1764, Bldg. 22-1.

LOCAL WRESTLERS SPRING SURPRISE IN SWEDISH A. A. MEET

Seven of Nine Men Entered Survive Prelims—Squad, Entered in but Half the Events, Places Third Among Eight Teams

Hawthorne Club wrestlers invaded the Swedish-American A. A. Clubhouse last Saturday and Sunday and sprang quite a surprise on the various athletic clubs competing in the Swedish-American's invitation tournament.

With but seven men wearing Hawthorne colors the local squad was able to grab third place, just two points below second place, nosing out such strong organizations as the Greek Olympic Club and the Illinois Athletic Club. Eight fast teams competed in the tourney, which was divided into eight classes. Hawthorne had men entered in only four of these, which makes their showing even more sensational, for in these weights they collected all of their 12 points.

J. Krivickas, who holds the Works 118-lb. title, captured first place, with J. Mastrangelo, also of Hawthorne, as runner-up. This pair succeeded in making short work of their men in the preliminaries and in the finals they put up another fast bout, almost a duplicate of their performance at the Works show at the Ashland Blvd. Auditorium last October, except that Krivickas took this bout on a decision instead of by a fall. The two have met three times and Krivickas has won twice, while the third bout was a draw.

A. Santschi did his stuff in the 147-lb. division and won his first two bouts handily. In the semi-finals he met F. Stejskal, also of Hawthorne, who has long been one of the stars on the Greek Olympic Club squad. Frank and Art put up one of the feature bouts of the meet, with Santschi winning by a decision. In spite of this gruelling grind Santschi put up a splendid best in the finals against Coleman of the I. A. C. and lost the decision by the thinnest kind of shade.

"Pete" Kogut, Works heavyweight champion, was entered in the 160-lb. division, but in weighing in it was found he was slightly overweight. Without a bit of hesitation Pete entered in the 175-lb. class and in spite of conceding weight in every bout he worked his way through to the semi-finals, where he lost on a decision only after a stiff bout to W. Maurer of the J. P. I., who later won first place. Kogut took third place by default.

E. Furness, representing Hawthorne in the 160-lb. division, also had to concede weight, but he defeated everything that got in his way up to the semi-finals, where after six minutes of fast wrestling, he was thrown by C. Fischer, of the Swedish-American Club, who later took first place. Furness won third place by default.

J. Moynihan, wrestling at 135 lbs., and F. Sheperd, entered in the 160-lb. class, both won their first bouts, but were eliminated in the second round.

J. Klein, who was scheduled to represent Hawthorne in the 126-lb. class, injured his knee shortly before the meet and was unable to compete.

Johnny Voores, also of Hawthorne, but wrestling for the Greek Olympic Club, easily won first in the 135-lb. class. He flopped four men to take first place in this weight.

HAWTHORNE MAN ASPHYXIATED

Overcome By Gas From Motor, but Escapes Serious Results

H. B. ("Herb") Eshelman, chairman of the Hawthorne wrestling committee, was overcome by gas from the exhaust of his engine last Sunday morning in his garage.

Herb had started the engine to warm it up preparatory to a drive. After partially opening one door, he busied himself with other duties in the garage, when suddenly his head started to throb. He had the presence of mind to make for the door and succeeded in staggering to it and getting it open before he lost consciousness.

Luckily a neighbor, who happened to be sifting ashes in the alley, noticed Mr. Eshelman fall. He rushed over and started artificial respiration exercises. After a short time the fresh air brought the prostrate man back to consciousness and a half an hour of sitting-up exercises was sufficient to rid him of all the after effects with the exception of a violent headache.

Herb says he knew the danger of letting his car run in a closed garage, but underestimated the amount of oxygen in the building. He has run his motor numerous times under similar circumstances, but never had any ill effects. However, Herb isn't taking any more chances with the deadly exhaust gases. Hereafter he's going to open his garage doors wide before he starts his motor. Which is a very good resolution for all of us.

