

GATES STUDIO REVIEW

GATES RADIO COMPANY

QUINCY, ILLINOIS

FEBRUARY, 1947

GATES OPENS WEST COAST OFFICE

Since late in 1946 the Gates Company has had its own representative on the West Coast. Heretofore, Gates products were distributed thru various sources, but a central office has been opened in Los Angeles, with Walter Read as Sales Engineer in charge. Customers may now receive direct service by writing or phoning the West Coast office. Mr. Read has had a lifetime of radio experience and has many friends in the radio men of the West. For a time "Walt" was stationed in Alaska, prior to which time he managed stations in Washington, Oregon, and California. Although inquiries may still be sent to the main office at Quincy, Illinois, personal contact may be made with Mr. Read at the new office, 1350 North Highland Avenue, Hollywood 28, California.



WESTINGHOUSE ELECTRIC INTERNATIONAL DISTRIBUTOR FOR GATES EXPORT

Negotiations have been completed with Westinghouse Electric International Company of 40 Wall Street, New York, to act as distributor for Gates products in foreign countries, excluding Canada, Newfoundland, Alaska, Hawaii, and Puerto Rico. C. V. Aggers is head of the Electronics Division of this internationally known company. With the completion of the arrangement more orders began pouring in as a result of this connection. During the war various branches of the service as well as Egypt, Norway, and India, used the large Gates transmitters for oceanic communication. In addition, since the war Gates products have been exported into many countries. Now, more than ever before, with Westinghouse International branch offices and salesmen to be found in every country Gates products will be shipped to more foreign lands.

HOUSTON RADIO SWEEPS TEXAS WITH GATES TRANSMITTERS

Within the last few months there have been a number of grants in the South.

It seems a bad time was given most competitors when Houston and Gates swept over Texas like a proverbial dust storm.

The new stations now awaiting Gates transmitters include:

Del Rio Broadcasting Company of Del Rio, Texas, headed by Tom Matthews, who has on order a 250C-1 for 1230 KC;

The Hopkins County Broadcasting Company of Sulphur Springs, Texas, 250C-1 for 1230 KC;

The Port Arthur Broadcasting Company of Beaumont, Texas, will have a 250C-1 on 1340 KC;

The Ulvade Broadcasting Company of Ulvade, Texas, will be on 1490 KC with another 250C-1;

The Monahans Broadcasting Company of Monahans, Texas, will have a 250C-1 on 1340 KC;

P. O. Parker of La Mesa, Texas, will soon go on the air on 690 KC with a 250 watt transmitter.



WCAZ CARTHAGE, ILLINOIS GOES TO 1 KW WITH BC1E

Carthage, Illinois has one of the oldest stations in the country, ably headed by genial Bob Compton, whose original license was granted sometime in 1921. This station will go on the air about the time you receive this paper with an increase in power and all new studio equipment. A new transmitter building was constructed about 2½ miles west of Carthage. The station will be heard on 990 KC instead of 1080 KC. Mr. Compton who is a very frequent visitor to Gates factory was the original licensee of the old hometown station WTAD which originally was in Carthage, and was later sold to the

GATES 3 KW FM-TRANSMITTER NOW IN TEST

The Gates BF-3A FM transmitter resembles the one kilowatt BF-1A so closely, at first glance, it could pass as the same unit. Many of the same basic mechanical and electrical features of the one kilowatt amplifier were incorporated in the higher powered unit on the basis of the excellent performance of the one kilowatt which had actual on the air operation at the experimental station at the Gates plant. The BF-3A is driven by the basic 250 watt unit. Both the engineer and the station manager will appreciate this feature in the ease of maintenance and lessening of up-keep expense. Construction of the BF-1A as well as the BF-3A permit the addition to the 250 watt unit by merely changing the coaxial transmission line to the more powerful unit and running three jumper wires between the two units for the power connection.

The use of tetrodes in all the power amplifier stages allows simple straight forward circuits entailing no unfamiliar or trick tuning procedure. Just as in the basic 250 watt unit, the idea of large oversized components has been continued in the BF-1A and BF-3A.



GULFPORT BROADCASTING COMPANY IN FLORIDA

In Pensacola, Florida, the Gulfport Broadcasting Company headed by J. T. Carroll and Lewis Seibert, manager of KGLO at San Angelo, Texas, will go on the air with a 250C-1 on 1490 KC with call letters WEAR. The entire studio equipment will be Gates manufactured.

Illinois Stock Medicine Company and moved to Quincy. The same personnel ably headed by John Palmer, the station manager, will be retained and probably augmented.

Gates Presents . . . Norbert Jochem



One of Gates' oldest employees, yet young in years, is Norbert Jochem. "Nibs," as he is known to one and all, is one of the best audio engineers in the country. Under his supervision Gates speech equipment is developed, manufactured and tested.

Nibs is a local boy having lived in Quincy the greater part of his life. He attended high school and Quincy College. He married the hometown girl and they have a four year old Jochem speech development answering to the name of Carol Ann.

Nibs served with Uncle Sam's Navy for two years, '44 to '46, where he was a Radio Technican. He returned to Gates last year on his discharge and outside of jaunts here and there installing his intricate speech racks, he claims he has settled down for life.

One of the Jochem hobbies is canoeing on the Mississippi. He is quite proficient with the paddle, however, he has been left "to paddle his own canoe" so to speak, without outside interference.

Nibs' pleasing personality, droll humor and hard working ability combined with his technical knowledge make him a qualified member of Gates engineering staff.

SPORTS FLASH!!!!

The Gates No. 1 office bowling team beat the third highest team in their league last night and none other than our worthy president P. S. is one of the bowlers of the defeated team. After a red hot start this season Gates team has slowly reverted to their favorite spot near the bottom. Needless to say the recent victory over the "boss" has done much to bolster their morale.

* * *

It seems that Bill Penrose, Jr. is the top man on the "totem pole" on the bowling team at Don's Alleys, while Sally Adair of the gals team has a way of hitting more wood than the others.

* * *

Just to keep themselves fit, some of the boys have taken up that good "olde" game of basketball and are playing other teams just for the exercise. To see the boys the morning after though, you would assume they are doing it for the liniment they have to soak up the next few days after each marathon. !!!

* * *

With the cold weather one of the favorite Sunday sports the last couple months was rabbit hunting. It seems Johnnie Anderson had about the "bestest" rabbit hunting grounds in these 'har parts. The rabbits would jump up and down and run back and forth in front of everyone just to see if you could hit them, it seems . . . we were not told these facts, we saw them with our own eyes and frozen ears one Sunday.

* * *

Bill Parker claims he is even or maybe ahead of the ice man now after all these months — his refrigerator was delivered. Poor Elsie will get lonesome now, won't she, Bill ? ?

* * *

Fred Damn is a great believer in mental telepathy, hence he is trying to keep his mind blank now so it cannot be read in public, so he says.

HELLO

Faye Fuller, the new stenographer in the main office is Mr. McEwen's secretary. Faye worked for a local physician before coming to Gates.

Weldon George Steinbach, ex-gob is working with Art VandenBoom in the Stock Department.

Wilbur Harness, a radio man in the main factory was in the navy as radio technician.

Anna Tucker, originally from Missouri, works on the line with small equipment in Frank Schnier's department.

Rosella Schaefer, formerly employed at Gates, is now in the factory on small equipment.

Marie Miller, another former Gates employee is working with Glenn on the Console assembly line.

Duane Myers is the new radio wireman working in the factory with Johnnie Anderson. As a cadet he served in Uncle Sam's Navy and previous to that worked as Radio operator for a national airline company. Duane's home is in Mendon, Illinois.

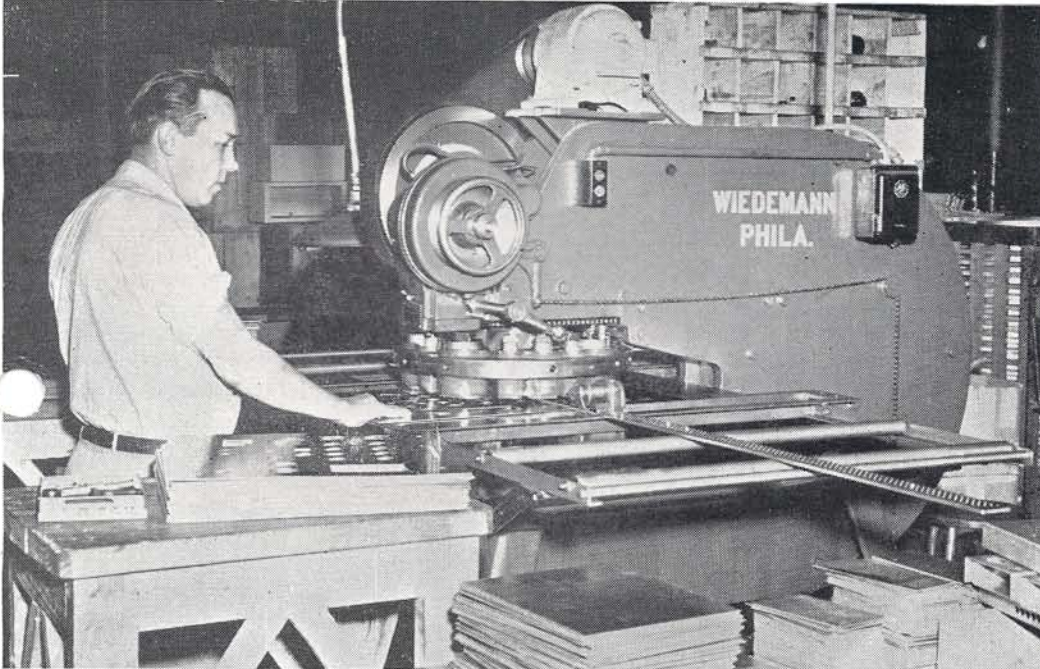


Eunice Hockgraver of the Payroll Department and George Hanawalt a wireman in the factory were hit by the arrow and made a trip to the altar during the holidays.

Sheet Metal Department . . .

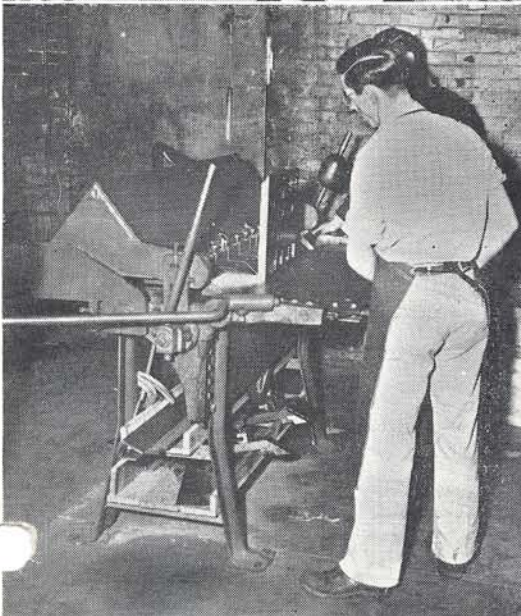


One of the most interesting and important divisions in the Gates factory is the sheet metal department, under the leadership of Ray Littleton. Ray has been with Gates since before the war has watched the department's extensive growth. Here, sheet steel is brought direct from the nation's steel warehouses and is cut, punched, bent and welded, etc., into the chassis for the various pieces of smaller equipment manufactured at Gates for broadcast station accessories. From the smallest power supply to some of the largest cabinets the fellows in this department fabricate panels into decks, shelves and parts for well constructed Gates units. Accuracy and precision are required for this work. In addition to Ray the boys in this department are Al Rakers, Don Hamann, Bon Bangert and Virgil Hall.



Salesmen's Notes

Joe Pippenger just returned from a sales trip through the states of Indiana, Kentucky and parts of Ohio. It seems he picked the wettest and coldest time of the year to make this jaunt . . . Alex is making the states of Missouri, Nebraska and points west . . . Walt Read is up and down the West Coast — he tried to talk us into going out West and after shivering here at 30° above and hearing about the balmy 80° in Los Angeles, we are almost tempted to change our minds and go out there . . . A new Sales Engineer, Vernon Cheek, ex-navy officer and a very experienced radio man has joined the staff of Specialty Distributing Company as Broadcast Sales Engineer. If any of you Southern "Democrats" are having trouble (Georgia excepted) or want to talk equipment Mr. Cheek can be reached at the Specialty office in Atlanta . . . another new man has been added to the Houston Radio staff in the person of T. C. Woodell. This amiable gentleman spent several days in the Gates plant familiarizing himself with the Gates equipment. His stomping grounds will range from Arkansas to Texas, from Louisiana to New Mexico.



★

Being physically present and mentally absent is one of the greatest causes of accidents.

The Old Man Lights His Cigar and Reminisces

Radio, in my way of thinking, and especially radio broadcasting, has more glamour than any other business and back in the early days it really had color. I refer to the days when Paul Whiteman would travel out of his way several hundred miles to be able to broadcast over a radio station free of charge. In this paper it would be nice to relate yesteryear experiences of others in the broadcasting business, so if you have a newsy yarn, send it to us, Box 290, Quincy, Illinois.

There are a few radio stations that if they were to add each listener since they went on the air the figure would be astounding. One of these is WOC in Davenport, Iowa. I remember when WOC was a ham station. I believe, if my memory serves me correctly, the call was 9BY when it was located in Rock Island, Ill. The station was operated by the Karlowa Electric Company and I still visualize the single UV204 hanging on the front of the rig. It was beautiful. B. J. Palmer bought the equipment from Karlowa and what he then bought for a few hundred dollars, although he didn't know it at the time, was to be big business.

WOC went to the top of the Palmer School and to 500 watts. For a good while it was a National station listened to in the East with as much gusto as in Davenport. At one time it had so many listeners in the Quincy area that it also had advertisers in Quincy. Then the station went to 5000 watts and was hit with a frequency change which lost it much of its audience. Then came WHO, and WOC left Davenport for a while, to come back as a 250 watter and now it is back to 5000 watts with a dominant Tri-City audience.

I have often wondered what became of Karlowa. I may have his name spelled wrong but his pair of towers on rural route Brady Street which he used for advancement of the game and some fun too, gained many admiring glances from all of us. He contacted Europe on a few watts on the old 200 meter band and he was a big spark plug in the early days of radio broadcasting. Such calls as WOC, KDKA, WWJ, and KHJ in those days created a tingle down the spine like a locomotive whistle in the night and to many, still mean much in the book of radio memories.

P. S. G.

(Editor's Note: We would like to have your yarns and stories about the olde days. As noted above, mail to Box 290, Quincy, Ill.)



— THIS AND THAT —

"For two pins" said the wolf, "I'd stop this car and kiss you."

"Here, take these," the girl replied, "my hair will come undone anyway."

* * *

"Tell the court how you came to take the car"!

"Well, the car was standing in front of the cemetery, so I thought the owner was dead."

* * *

Teacher: "Who can tell me whether the noun trousers is singular or plural? All right Henry?"

Henry: "It's both, teacher — singular at the top and plural at the bottom."

* * *

"Your leg," wrote a school boy in an anatomy test, "is what if you ain't got two pretty fair ones you can't get to first base, and neither can your sister."

* * *

In January, a man's fancy lightly turns to thoughts of Petty calendars and other things — —

* * *

Love making hasn't changed in 2500 years. Greek maidens used to sit and listen to a lyre all evening, too.

* * *

Grandma was afraid to go out when she heard the wolf calling. Daughter is afraid to go out in case the wolf calls — and she's not in.

* * *

A great many children get on the wrong track because the switch is misplaced.

* * *

We were promised a picture of a certain radio station owner but to date we still haven't received it—It's being awaited momentarily.

* * *

The new bride who after one week of married life said, "Gosh, honey, just think, we have been married for one whole year"—Time flies, Peachie.

* * *

Be pleasant until ten o'clock in the morning and the rest of the day will take care of itself.



The Rahall Brothers of Beckley, West Virginia; N. Joe Rahall, Ferris Rahall, Deem and Sam G. with their father at the time of their discharge from the armed forces last summer. These boys have three new stations besides other business interests to which they devote their time. The equipment in the picture is their installation at Norristown, Pennsylvania. It is under the active management of Ferris, on the left, together with their engineer, G. H. Brewer, and N. Joe, the General Manager of the entire group of stations.



EFFINGHAM, ILLINOIS STATION ON 1090 KC

Mr. F. F. McNaughton, publisher of the Pekin Daily Times of Pekin, Illinois, is the promoter of this new station in southern Illinois. A Gates 250C-1 transmitter with necessary associate equipment will be installed. It is hoped to get the station on the air sometime this spring.



BRADDOCK, PENNSYLVANIA TO HAVE 1 KW STATION

Among the new stations to go on the air in the Pennsylvania area will be the outlet at Braddock, Pennsylvania, headed by the Matta brothers, William, George and E. R. They will have a Gates BC1E with studio equipment and will be heard on 1550 KC.



MESA, ARIZONA ON THE AIR WITH GATES

Another red pin in the sales map at Mesa, Arizona, denotes the presence of a new Gates transmitter in the recent grant to the Sun Valley Broadcasting Company. With all the vim and vigor of the proverbial beaver, Walt Read assisted this station in getting started without delay. With the arrival of their transmitter a few days before Xmas they were able to get on the air almost immediately. Their call letters are KTYL and with 250 watt power may be heard on 1490 KC. Mr. A. E. Mickle is the manager of the station.



TELL CITY BROADCASTING ON 1230 KC

In southern Indiana on the banks of the Ohio in Tell City, James Brewer of the Tell City Broadcasting Company will have a 250 watt station. This station will include the Gates 250C-1 transmitter with associate studio facilities. "On The Air" date is set for early spring. Mr. Brewer is from Indianapolis, Indiana.



Anne Tucker's husband was one of the entrants in the Golden Gloves contest that was held in Quincy and although he won his fights in Quincy he came out on the defeated side in the St. Louis bouts.

WDIA MEMPHIS ON 730KC

Mr. John Pepper and Mr. E. R. Ferguson of Mississippi have received their construction permit for a station in Memphis, Tenn, known as the Bluff City Broadcasting Company, with call letters of WDIA to be heard on 730 KC. They will install a 250C-1 transmitter, studio, speech and associate equipment. Mr. Pepper, an old hand at the broadcasting game, is a former owner of radio station WJPR in Greenwood, Mississippi. Mr. Ferguson was previously connected with the Dyersburg Tennessee Broadcasting Company. Mr. Pepper and Mr. Ferguson were among the interested visitors at Gates plant this last month and spent several days with Mr. Grimwood inspecting and checking the various types of equipment.



PITTSBURG GETS NEW STATION GRANT

Liberty Broadcasting Company received its construction permit for a station in downtown Pittsburg. This company is composed of a group of prominent Ohio citizens. General Manager of the station is Jack Laux with J. M. Troesch as technical advisor. The company which will be heard on 730 KC will have a complete Gates one thousand watt installation.



Don't take life too seriously. You will never get out of it alive anyway.

Static

Roses are red
Violets are blue
Lillie's are white
Because I saw them on her
clothesline.

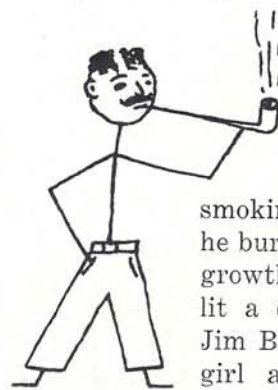
Yes, February, Valentine and Spring are at our finger tips and already things are beginning to buzz . . . even Ivan is a little Trigger happy, so much, he bought a new jalopy, 1941 Plymouth, will he use it for hunting? . . . Peachie Thompson of



the second floor assembly line and Albert Frese were married January 25 . . . did you know that Herman's specialty is waffles . . . he might invite you out some Sunday, if you

will help him clean his house. . . . Rumors are flying in the factory that one of the eligible males is going to be married, who is it? ? ? Clint is looking for another house, he does such good jobs at redecorating when the landlords see the transformation they want to move in themselves; any old barn, garage or even doghouse you want fixed up will do, he says . . . We almost thought Bill Kelsall was the one hit by Cupid, but it seems his girl got mad because he went bowling instead . . . Lib thought she had a "cinch" coke bet with Bill on his first game and darn if he didn't double her score . . . no more bets, eh Lib? . . . How did Al the candy man get the Broken Record . . . Is Johnnie Anderson trying to set some kind of record ordering three dozen scrambled eggs for breakfast one morning at the restaurant, are you sure, Annie, it was Johnnie you saw, after all he raises chickens . . . maybe Calhoun and her boy friend and the fellow from the factory and his gal should get together . . . Dorothy wants a double wedding to save half the price . . . Dusty Rhodes has taken over the BC1E assembly line, since Francis

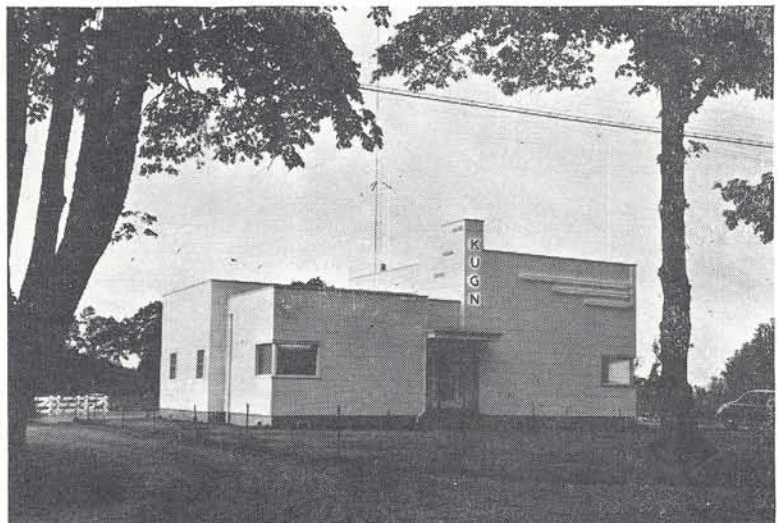
is working on new development jobs . . . Who is the well known Dr. Quack at Plainville who has a sign in her front yard telling of the fact? . . . the



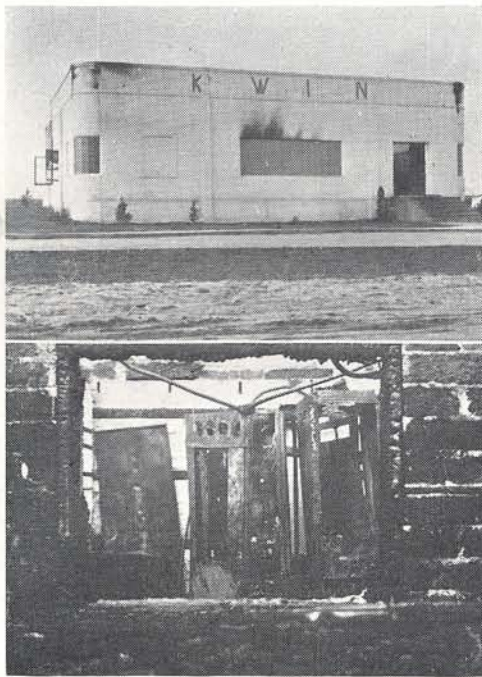
question of the month . . . have you seen Howard Decker's moustache, he had to start smoking a pipe since he burned off a week's growth every time he lit a cigarette Jim Browner gave his girl a diamond ring . . . Wilma Cox's boy friend from La Grange, Mo. was operated on for appendicitis and she had to go awoooin'

. . . Kennie swore off all "potenant" drinks when he bought his car, so far four months have gone by and he hasn't slipped, even on New Year's Eve, he stuck to "Coke" . . . McReynolds in a hurry to see a customer, was running down Pennsylvania Station stairs sweeping everything in his path, when a lady barred his way. After a bit of a scuffle wherein they came out — a draw — a mob dashed up and asked for the lady's autograph. Imagine McReynolds giving Ingrid Bergman the brush-off — We can't believe it "Mac."

That's all folks
See you soon,
If not before
In early J . . . April.

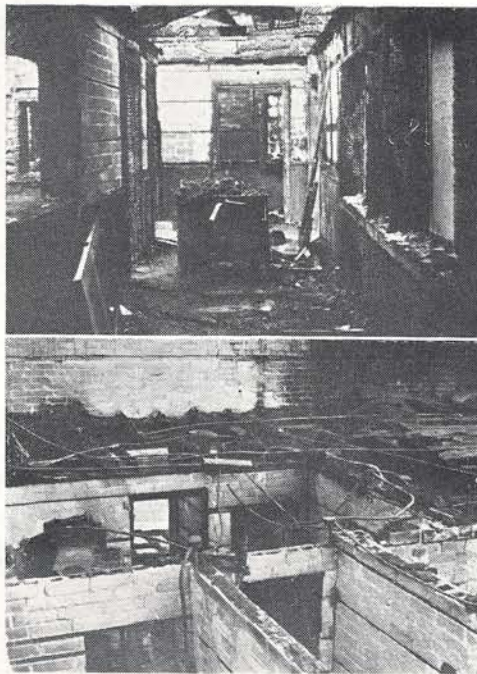


Radio Station KUGN—at Eugene, Oregon. This station has Gates recording equipment. Complete satisfaction was expressed by them for their Gates turntables by Mr. Fisher of Tower Construction Company who is head of this unit.



RADIO STATION KWIN SWEEPED TO RUIN BY FIRE

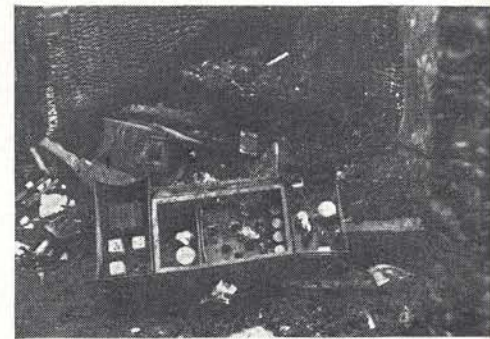
On December 20 during the night, fire swept thru the entire structure housing Radio Station KWIN and



Pictures of the fireswept station reading from left to right: Outside view of station. Looking thru studio A at Transmitter, rack and telephone box. Below: Main hall, looking toward reception hall. Speech equipment and console. Control room looking down from Studio B.

reduced the entire station to ruins. Due to the phone circuits being out from the fire, the flames had sufficient time to gain uncontrollable head-way and it was impossible to save anything.

Walt Read, Gates West Coast Sales Engineer, was on his toes and contacted Bob Reinholdt and promised him the help and cooperation of the Gates personnel in such an emergency to get back on the air as soon as possible. A complete new Gates 250 watt station will be installed when the buildings are rebuilt. We quote from a letter from Mr. Reinholdt: "KWIN is greatly indebted to the Gates Radio Company for the full cooperation, assistance and support in getting us back on the air at the earliest possible date. We feel that full credit is due Gates," and also our new up and at 'em Engineer, Mr. Read.



PERSONNEL CHANGES

Johnnie Bowers, former stockroom chief, has now taken over the duties of purchasing agent relieving Mr. Myers of some of these duties so he can devote more time to production.

Art Vandebloom, John's former able assistant, is now the "Boss" of that Beehive, the Stock Department.

George Hanawalt, a wireman in the general factory, has taken over the duties of the equipment breakdown parts division, as technical assistant to the engineers.



WISCONSIN MEN GET GRANT FOR NEENAH, WISCONSIN

A recent grant to the Neenah-Menasha Broadcasting Company will enable this corporation of Wisconsin men to complete their new station at Neenah, Wisconsin within the very near future. The outlet will be heard on 1280 KC with a power of 250 watt, with a complete Gates installation. The president of this new enterprise is Samuel Pickard, a prominent banker and the station manager is Don Wirth, well known in broadcast circles.



Bill Penrose, Jr., of the stock department is convalescing at Blessing Hospital following an operation. Hurry back, Bill.

NEW YORK OFFICE GETS NEW STENO

Rebecca Price . . . a little southern gal has taken over the duties in the New York office. Since Mr. McReynolds is from the South need we say we are not surprised. Best of luck to you "Becky."



These are some of the reprints from the Readers Digest that was published 25 years ago,

A woman is as old as she looks. A man is old when he stops looking.

We have but one police force, the American Woman.

The French cook; we open cans.

The biggest liar in the world is "They say."

Try praising your wife, even if it frightens her at first.

Get acquainted with your neighbor, you might like him.

TO STUDY ELECTRONIC EQUIPMENT IN U. S.

A recent visitor at the Gates plant was Gottardo Piazza who came to the United States from Lima, Peru, to study electronic equipment. Although born in Peru, most of his early life was spent in Switzerland and Italy. As representative of an International Distributor, he spent about two months at the Gates plant becoming acquainted with the radio equipment manufactured here.



LIVINGSTON, MONTANA, WITH 250C-1

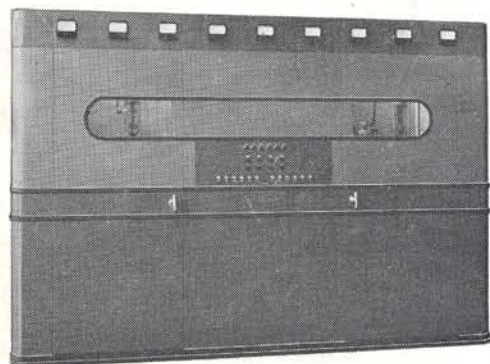
The Yellowstone Amusement Company went on the air with a Gates 250C-1 transmitter and studio equipment. One of the newest grants in the north country above the Yellowstone Park area is station KPRK.

LEADERSHIP

Since the "Beginning of Radio Time"

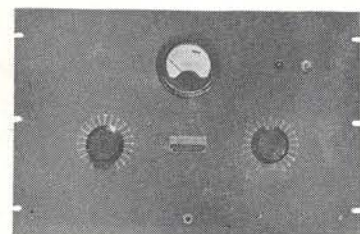
EVERYTHING FOR RADIO BROADCASTING from the PLANS to the COMPLETED STATION

For completeness, engineering, efficiency, reliability and simplicity, GATES broadcasting equipment is adequate for any need. GATES service is complete—from the plans for your dream station to the completed job. Only representative units are shown herein. Write for complete details of any type of equipment you may require.



5 & 10 KILOWATT TRANSMITTERS

MODEL BC-5—new development, meeting all demands for a modern, versatile 5-Kilowatt Transmitter. Also made as a 10-Kilowatt Transmitter—MODEL BC-10.



LIMITING AMPLIFIER

MODEL 28-CO—The most modern equipment for securing high average modulation levels with low distortion and noise. Trouble-free performance.



LINE AMPLIFIER

MODEL 6C—a flexible Unit which may be used in recording, monitoring and line amplifier service. May be used throughout the station.

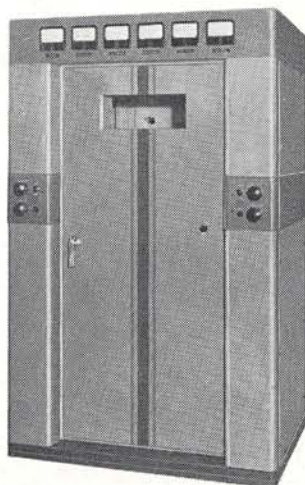


GATES RADIO CO., Quincy, Ill.

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Exclusive Manufacturers of Radio Transmitting Equipment Since 1922



1-KILOWATT TRANSMITTER

MODEL 1-E—a new, modern, 1-Kilowatt Transmitter embodying improvements and features that will make your station outstanding in operation. Write for complete specifications.

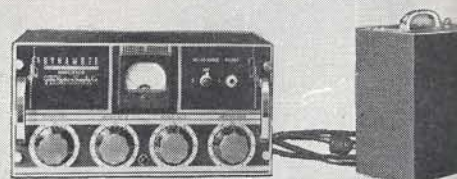


PREAMPLIFIER

MODEL 60-A—designed to furnish ample gain for any transcription pickup to bring the level up sufficiently to feed line amplifier.

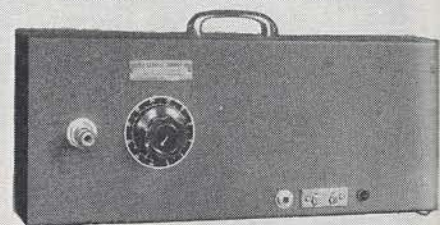
Speech Input Console

MODEL 30—De Luxe designed for eye appeal as well as engineering efficiency in radio stations and recording studios of all sizes. Write for specifications.



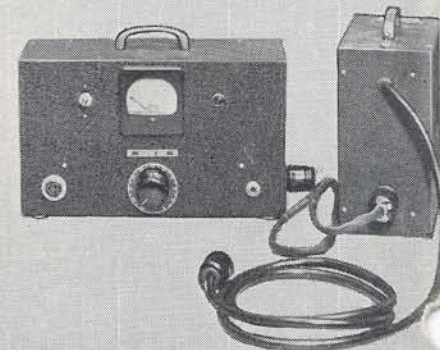
Dynamote Remote Amplifier

This is one of the most popular remote amplifiers in use today. In its weather resistant case with power unit, (it may be taken anywhere on remote jobs necessitating headphones and microphones).



REMOTE CONDITIONER

MODEL 6S—a superior unit for single microphone remote applications. Easily portable. Write for specifications.



REMOTE COMPACT

A single channel remote amplifier which is easily transported as a single unit, in airplane baggage type carrying case which is part of the equipment. Comes in two models—GR-80, GR-70. Write.