



GATES STUDIO REVIEW

GATES RADIO COMPANY, QUINCY, ILLINOIS, JULY, 1953

Sales Department Promotions And Additions

During a recent dinner meeting of plant executives, engineers and administrative personnel, President Parker Gates announced important changes in our sales organization.

Most important of these changes is the promotion of Lawrence J. (Larry) Cervone to Sales Manager. Larry has been with the Gates organization for six years. During this period he has served our customers in the New York and New England territory. In accepting this post he fills the vacancy resulting from the death of Fred O. Grimwood, who formerly held this important position.

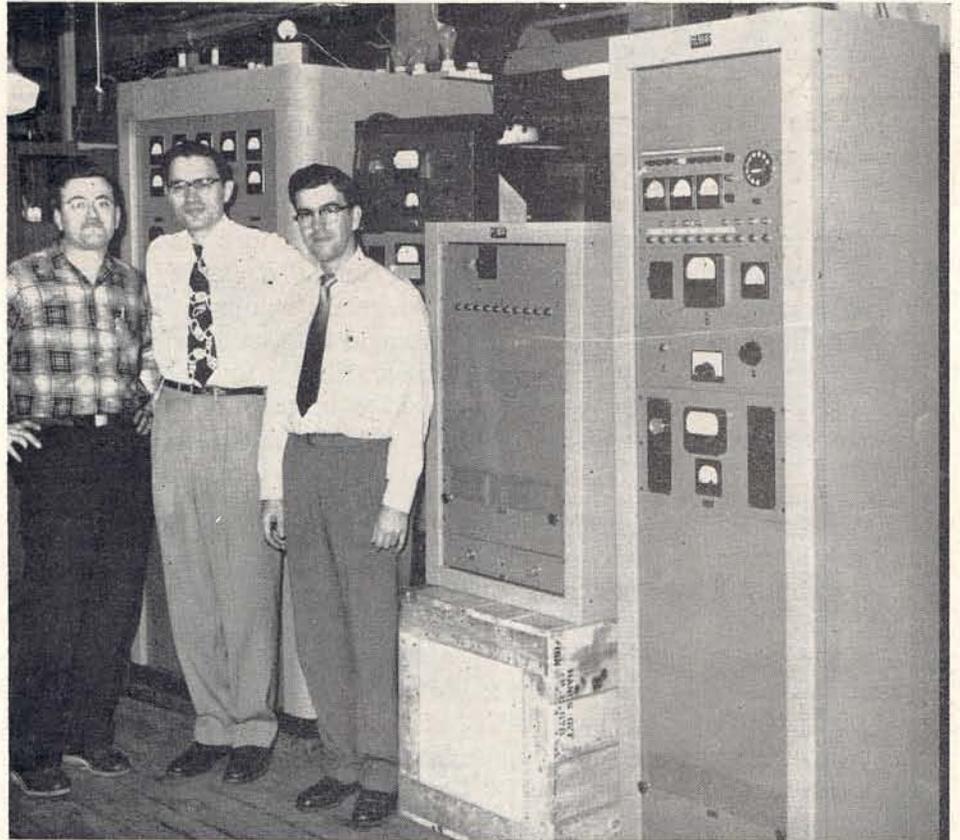


Larry Cervone, Sales Manager

Larry's years of experience as head of the New York office have particularly fitted him for this new work. This experience has been broad due to the close contact he had with all branches of the sales operation. This included foreign and government sales as well as service to our many custo-

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Remote Control



Clarence Moritz, John Birch and Wally Kabrick of the Audio Department, pictured with the BC-250GY Transmitter, the Transmitter Accessory Rack, and the Transmitting and Receiving Rack of the new Remote Control System.

One of the new products to be developed at Gates recently is the Remote Control and Metering System for unattended transmitters, a completely integrated unit designed to fulfill a need created by FCC rule changes last April.

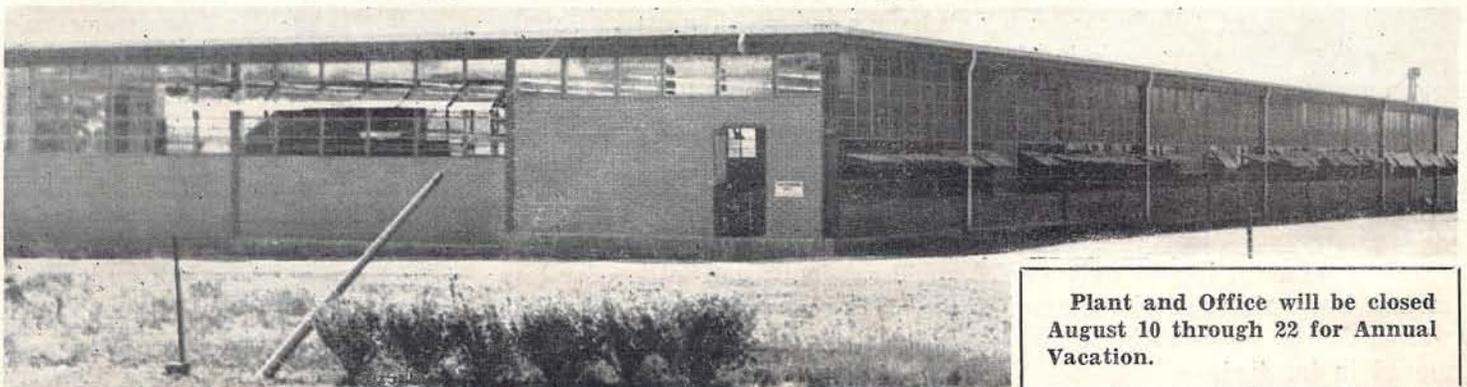
These changes, in effect, permit any broadcast station of 10KW or less,

using a non-directional antenna, to operate its transmitter from a remote point. Standards of metering must be maintained, and automatic fail-safe operation provided. Not only does remote control permit the established station to operate more economically through reduction in personnel, but

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First Unit of New Gates Plant

(See pages 4 and 5 for complete open house pictures and story)



Plant and Office will be closed August 10 through 22 for Annual Vacation.

→ Quality **PLUS** makes **GATES** a **MUST** →



EDITORIAL

—from the desk of
P. S. Gates.

INVENTION AND TELEVISION

One of the natural questions that is asked almost every day by broadcasters is, "When is the right time to buy TV transmitting equipment?" The reason for such a question is that TV being new, offers the usual fertile field for improvement and invention, or the quick outdating of existing equipment.

There probably is no right time to buy TV because many things besides equipment govern the right and wrong time. To one city or customer it would be worth all the money invested in TV equipment for just six months to be the first on the air and command the preferred dial spot for years to come. To another customer, the waiting a few months or even years would be worthwhile, especially if he felt he could not afford present TV prices and that competition would not come in ahead of him.

It goes without saying there will be much invention in TV. One need only hark back to the start of talking pictures to obtain a fair repeat of probably what will happen in TV. First there was the disc system, followed by sound on film. In most cases the 5,000 users of disc systems felt they had received their money's worth even though they were obsolete by invention. It can be said that in the approximately 25 years of sound motion pictures, each theater has replaced all of the sound equipment four times, or about every eight years. It is not, by this experience, improper to say that in the same period of time, TV broadcasters will have replaced their equipment at least four times, and probably more. Few people realize that the life of an average steamship is ten years. For many years the Matson Steamship Lines (San Francisco to Australia) set up all of their luxury liners on the basis of complete wear out in ten years. The life of TV in it's present, rather juvenile state, will be less. Anyone buying TV now as a life-time investment, should change his mind.

Already we have seen many improvements. One manufacturer reportedly has not released many new things because he doesn't need to. He can sell all he makes of the present models and may hold the new things until competition gets rougher. We have color and three dimension not too far off. The first will obsolete a lot of studio gear, if not all. The latter could obsolete everything, even including the antenna system. Present camera design, as marvelous as it is, will see a big redo in the next several years. Hollywood wouldn't have a camera they used a decade or so ago. The same seems inevitable in TV and all engineers will agree there is much room for invention in cameras. The flying spot scanner is already outmoding the camera-film projector arrangement now used in most TV stations. Following this will be pictures on tape, and this is beyond the dream stage.

In summary, if you wait on TV you'll no doubt get better, for less money, but waiting can be expensive, too. It's sort of like the chap that waited for 35 years to build the house he wanted. The week after he moved in he died.

Sales Department News

(Continued from page 1, col. 1)

mers in the broadcasting and industrial trade.

Larry grew up in New York and attended public schools there. He has a B. S. degree from the College of the City of New York and attended Fordham Law School. Although always interested in electronics, he received his first experience and training while in the navy. During service his experience centered in radar and sonar equipment. Prior to joining the Gates sales organization he also served as a sales engineer with both RCA and Westinghouse.

Since arriving at Quincy on June 1, Larry has made good progress in solving daily problems and in lining up a sales program. We are sure that his work will be of great service to our customers as well as our sales engineers and other personnel.

Before assuming the responsibility of this important post, Larry accepted another of equal or possibly greater importance. Up to April 26 he was the only bachelor on the sales force. On that date Louise Bossler and Larry were married at St. Johns Episcopal Church in Flushing, New York.

The ceremony attended by some 280 friends of the happy couple was reportedly a most beautiful one. We are sure that all of their friends join us in wishing them every happiness.

It seems that both Larry and Louise have similar interests including water sports and bridge. Louise reached the sales manager status ahead of Larry, having had charge of five departments at Macys prior to her marriage.

Congratulations to both and best wishes for your every success and happiness in your new work and associations here at Quincy.

John Haerle to New York

John Haerle has been appointed to the important post vacated by Larry. He assumed management of our New York office on June 1. At this time it



might be well to point out that the new address is: Gates Radio Company, 51 E. 42nd St., New York 17, New York.

As a former sales engineer, serving the territory in which Quincy is centered, John has had valuable experience in serving the needs of our broadcasting customers. More recently he has headed the Defense Contracts Department and knows the various requirements of this branch of our business.

John is a native Quincyan. During World War II he served in the navy. Rozella (Mrs. Haerle), and their son,

Danny, left Quincy June 14 to establish their home in Flushing. In addition to John's being an ardent fisherman, the Haerle's are a musical family. Recently John has been associated with both the Civic Band and Little Symphony orchestra. Danny, though only 14, conducted his own band playing for school dances during the school year just ended. Rosie is no mean violinist and vocalist.

We congratulate John on his promotion and hope this fine family will enjoy their new association in the Big City.

Urlin Whitman Added to Quincy Sales Staff

Urlin has joined the Gates sales organization to fill the post vacated by Haerle. Present plans provide for his eventual handling of special product and television sales. Urlin is no stranger to the Quincy people or to the technical side of broadcasting. He has 13 years experience with Lee Radio Incorporated. The first 5 years were at KGLO, Mason City, Iowa, and the last 8 with WTAD here at Quincy where he held the position of chief engineer.

A native of Topeka, Kansas, he attended Washburn College of Topeka and completed engineering courses at RCA Institute of Chicago. In addition to Maxine (Mrs. Whitman), the family consists of two daughters Joan and Ann and a son Mark.

W. W. (Wally) Warren Joins Washington Office Staff

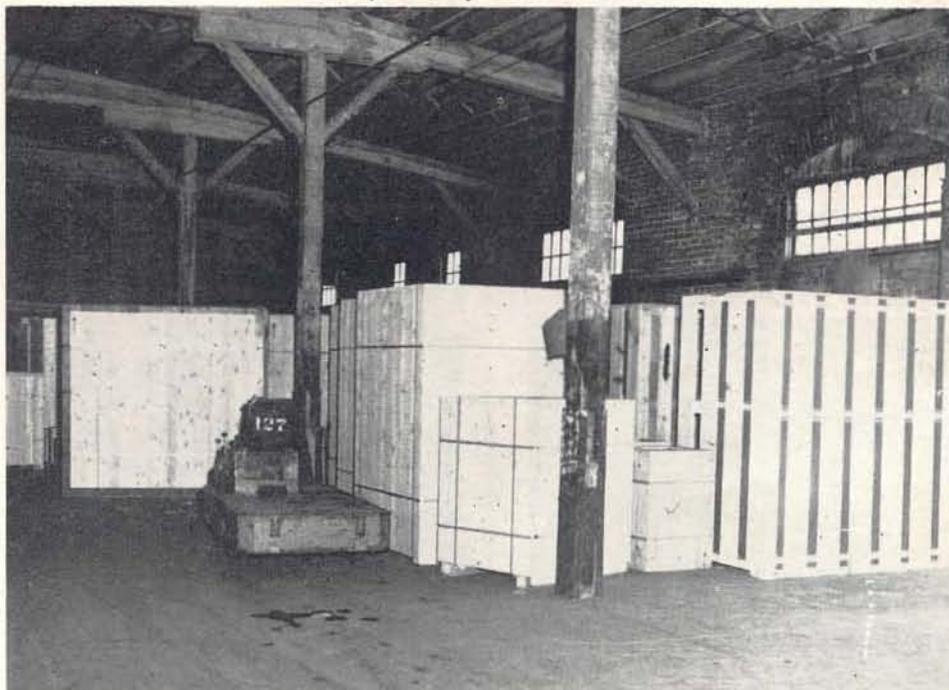
Wally will work out of the Washington office as sales engineer in serving our customers in the eastern area. He, too, is a former chief engineer with his most recent employment having been at WANE of Ft. Wayne, Indiana. Wally attended the University of Pittsburgh prior to service in the navy. During his navy tour of duty he attended technical schools including radio operators school. He later served as a shipboard operator for several years.

Following his discharge, he worked at WCFC in Beckley, West Virginia, for several years. Wally then majored in radio at Indiana Tech at Ft. Wayne, Indiana. Following completion of his studies he then joined WANE.

In addition to Wally the Warren family includes Audrey (Mrs. Warren), Bill, Jr., and Vivian.

We are sure that Wally has already become acquainted with many of the fine Gates' customers in his territory.

Ship Ahoy Indonesia



This Gates warehouse picture tells the story of a recent large shipment of radio transmitting equipment to the country of Indonesia. The entire order was negotiated by our international division in New York and their Indonesia agents, Nelson and Brown of Djakarata. This shipment consisted of a larger number of HF1-2, 1000-watt telephone and telegraph transmitters. Gates currently is working on numerous transmitters up to 20,000 watts, all destined for Indonesia.

Remote Control

(Continued from page 1, col. 3)
it also allows the new station to locate its transmitter and tower at the most technically desirable site, with possibly a considerable savings in real estate and plant construction costs.

The two main units of the new Gates equipment are at the right in the picture, and the smiling faces on the left indicate that the three-month period of development, construction and testing has yielded highly satisfactory results. The audio department has been handling the project, ably assisted by Clarence Moritz, who has been in charge of wiring the developmental model with an eye on production line helps and short cuts.

Also pictured is the Gates Model BC250GY, 250 watt broadcast transmitter used in the final testing, but not shown are the two 10-mile long closed loop telephone lines, which were installed to provide the most extreme situation likely to be encountered in the field, and which will be used for testing production units.

For a brief explanation of how the system works, consider that two distinct and separate functions are provided, control and metering, requiring two telephone circuits from studio to transmitter. The control function turns the transmitter filaments, plate supply and audio rack on and off, resets the overload relays and operates as many as nine tuning motors. These operations are provided by a strip of

plug-in audio oscillators in the studio rack, the signal from each of which can be selected by a lever key and sent over the control line to the transmitter. In the receiving rack at the transmitter building is a strip of plug-in selective amplifiers, each with relay tube and relay, and each responsive to an oscillator. Thus, when an oscillator key is depressed at the studio, its corresponding relay at the transmitter will close and energize the circuit to which it is wired. Up to ten plug-in channels can be provided.

The metering function utilizes a telephone dial which sends impulses, simplexed over the control line, to the receiving rack, selecting any one of nine possible transmitter metering voltages. These voltages, which are obtained either by the voltage drop or rectification principle, indicate plate voltage, plate current, antenna current, tower light condition and frequency deviation, with others optional. When the desired voltage is selected by the dial, it is applied across the second telephone line and read on one of the meters in the studio equipment.

The studio rack is the tall rack in the picture, the small one being the receiving rack. Also supplied as part of the system are metering kits, antenna diode, tower light indicator, tuning motor assembly, and main A. C. contractor.

Production is in full swing on Dusty Rhode's floor, and soon this newest Gates product will be serving broadcast stations all over the country.

Profit Sharing Plan Announced At New Plant Open House

At an open house for all Company personnel at noon on Wednesday, June 24, 1953, the first unit of the new plant building program was officially opened.

This climaxed many months of work and planning—the new building was actually started in February, 1952, but because of many unavoidable delays,



Moving is a big job. Power brake coming out of old plant—low boy waiting to do the job.

the completion was held up until this time. Just as soon as the construction crew moved out of the northwest corner, the moving of the sheet metal and machine shop departments took place. This was practically finished by Memorial Day weekend.

The next several days were spent in getting the new waterfall paint spray booth installed as well as the new degreasing equipment.

Following the completion of this new equipment, the welding shop and the heavy transmitter lines were put into operation in the new plant.

The open house program started at the old plant at 2nd and Hampshire with city busses waiting to take every-



The first of 5 city busses arriving at the new plant with the entire personnel from the present plant and also the airport.

one to the new plant. Upon arrival the first order of business was lunch, followed by inspection of the various departments. There was much interest in the neatly arranged work lines made possible because of the increase in space. In fact, there are 24,000 sq. ft. of floor space.

Much was also said about the light-

ing and ventilation. There are 400 fluorescent lamp fixtures using white metal panels as reflectors and giving a total of 32,000 watts. The new electrical system also provides overhead



Looking around while waiting in line for lunch.

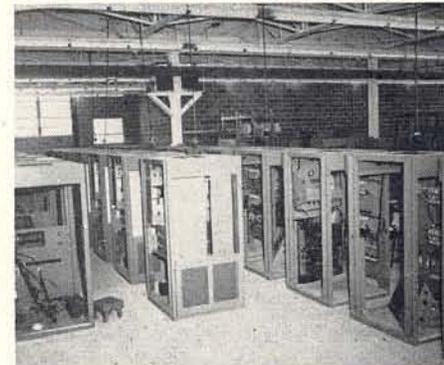
electrical drop outlets so as to provide the maximum of safety with all cords removed from the underfoot area.

With windows and doors on all sides, the cross ventilation provides a very comfortable working area. The heating unit not only provides heat in the



Chow Time

winter but also provides circulation of air in the summer. The temperature and work area is also made more comfortable with heat resisting, glare-



Assembly line technique used for economy and efficiency in producing high powered 5 and 10 KW transmitters.

proof glass installed in the entire west side of the building.

Many were surprised with what had already been done toward getting a lawn started. The beauty of the build-

ing will be further enhanced with complete landscaping in the fall.

Following the inspection, a short meeting was held at which President P. S. Gates commented about the

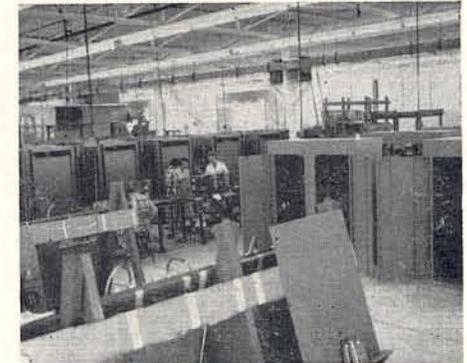


Assembly line of lower powered 1 KW transmitters.

Company's progress in moving into the new plant and also thanked everyone for their help and cooperation through the trying times of moving.

Profit Sharing Plan

At this point Mr. Gates indicated that this was a very special day for all of us for a reason other than the opening of the new plant. He stated that General Manager, L. I. McEwen, had been suggesting a certain kind of



Sub-assembly work being prepared for installing in 5 and 10 KW transmitters in background. Work is being done by Helen Spidle, Edith Kirkpatrick, Ruth Wilkey, and Art Brown. Overhead bus duct providing distribution of electrical power for the entire building can be seen. This is the latest type of flexible, electrical distribution system.

personnel program for several years and today was the result of all this planning.



Portion of Machine Shop showing new South Bend turret lathe in left foreground.

Mr. McEwen followed by announcing the establishing of the Gates Employees' Profit Sharing Plan effective May 31, 1953, with the end of the fiscal year. This plan is effective immediately for all people with one or more



President, P. S. Gates, introducing our new Sales Manager, Larry Cervone.

years of continuous service and for those with less than 1 year of service, the effective date is the first of the month following the 1-year anniversary.

This plan is set up so that the Company pays a fixed percentage of each year's profits according to a definite formula approved by the Internal Revenue Department. The sharing of each individual in the distribution of profits is determined by using a percentage of base compensation and also



Lyman Ennis on Punch Press with Don Hamann at the right operating power shear.

years of continuous service with the Company.

It was further pointed out how the fund would be invested with the earnings each year to be credited to the various individual accounts. Mr. McEwen explained how this plan is a result of many months of comprehensive study and research on similar plans in other companies to determine just what was best for our own people and our own Company.

Further explanation of the plan was made by Personnel Director, Rog Veach. He pointed out how this is another progressive step in the entire personnel program toward making everyone feel a part of the Company, to the point of each person actually working for himself—as the Company progresses, we all progress. An an-



Personnel Director, Rog Veach, pulling down curtain with Profit Sharing sign as General Manager, L. I. McEwen, makes announcement.

nouncement was also made about how detailed explanation meetings would be held immediately with each department so that everyone would fully understand the entire program.

The noon open house program was closed with everyone being reminded of the family open house planned for that evening. Everyone was invited to bring pop, mom, and all the kids out to the new building.

Everyone returned to work feeling that it had been a great day for our Company and for everyone present.

Your Credit Union

Offers you an opportunity to save money through the Payroll Deduction Plan. Your money helps your fellow employee who needs a loan for some provident or productive purpose. Your Credit Union provides you with ready money at low interest rates for emergencies or to "snap up" a bargain.

Know Your Credit Union!

The officers for this calendar year are:

- President—George Hanawalt.
- Vice President—Roger Bolt.
- Secretary—Don Hubbard.
- Treasurer—John Anderson.
- Supervisory Committee—Robert (Bob) Bonness, John Kattleman.
- Credit Committee—Virgil Hall, Robert (Bob) Strode, Edward (Eddie) DeGroot.

If you are not a credit union member, make it Your Credit Union today! It costs only a quarter (25c) to join. Get a membership application card from any of the fellows above. They will try their best to answer any questions you have about it.

You never get a level head by butting it into other people's business.

Happenings in West Sub-Assembly Department

(By Lavina Fahey)

So as to fit in with production schedules during the vacation period, Mary Ellen Rupp and Marjorie Spencer are enjoying their vacation at the present time.

Cupid struck again! This time he aimed his arrow at Helen Metzger and Kenneth French. The result was the marriage of Helen and Ken on Saturday, June 27, in Pittsfield, Illinois. Congratulations and best wishes, Mr. and Mrs. French.

We're sorry to report Esther Enlow and Clint Carter have been "under the weather" and absent from the Model Shop. Esther recently underwent surgery, and we understand, is feeling much better. We were happy to see Clint back on the job, and surely hope he's well on the road to complete recovery.

The Ballow's, Rose and Elvin, are now established in their new apartment on Maine Street after moving from their home on Broadway.

Lavina and Ed Fahey were absent from work recently because of the death of Lavina's uncle.

We're glad to hear Derotha Pusey's grandson, Pat Stanbridge, is home and much improved after being hospitalized with a case of pneumonia.

Lunch time on the west sub-assembly floor recently proved to be a mighty enjoyable affair. A pot-luck lunch was featured and was topped with strawberry short cake for dessert. Yummy!

Wonder if Dusty lived up to his nickname when he and Mrs. Rhodes recently motored to Oklahoma for a short visit with Mrs. Rhodes' parents.

Sympathy is a commendable trait and is something we all appreciate when in time of need. Jim Wells and his boxer "Fritzie" can vouch for this. Fritzie was recently ill and Jim's co-workers purchased a gift for Jim's ailing friend. We surely hope the gift did the trick and that Fritzie is no longer leading a dog's life.

We were happy to get the report from Clarence Moritz that his wife, Clementine, had been able to take a car ride last week end. She has been recovering from a prolonged illness and this is the first time she has been out for several months.

We thought it high time to advise some of the boys here that think they are 'spring chickens' of the following—not to exclude Mr. Gates, Mr. McEwen, Bob Flotkoetter, Rog Veach, Bob Ware, Elvin Ballow, and the numerous others.

GOLF — is a game where a little white ball is chased by a man that is too old to chase anything else.

5 and 10 Year Pins Presented

One June 4, 1953, Bob Bangert was presented a 5-year Company Service Pin. Bob has actually been with the



Company a little longer than 5 years because he worked for a short period of time in 1946 and 1947.

Bob has worked in several different departments, but for the past several years has been connected with the Maintenance Department. For the past several months he has been in charge of all maintenance at our new plant.

In addition to working, Bob enjoys fishing and softball. His family includes Mrs. Bangert (Eunice), Carolyn, 5; Sharon, 3; and Linda, 2.

One and Three Year Pins

In addition to the people who have reached the 5-year and beyond mark, several have received their 1-year Gates Service Pins during the past couple of months. A 3-year pin was received by Amelia George.

The 1-year group is as follows:

Rosetta Ballow
Katherine Dorsey
Jack Sheffler
Otis Tyler
Earl Ryther
Thomas A. Miller
Virgil Krull
Derotha Pusey
Margaret Marksbury
James Moss
Patricia Hymers
Richard Wellman
Marjorie Stone
Robert Stahlhuth
Marie Carter
Harold Milbert
Olive Schulte
Robert Blanchard

New Stationery Put Into Use

For the past few weeks we have been receiving many fine comments on the new letterhead being used for correspondence. We considered attempting to picture it here but since the color is the most important part of it, it would be almost impossible to give you a true picture.

The upper portion of the sheet is shaded brown, with darker brown lettering being used. In the center, the word "GATES" is in block form with the same red background as used on nameplates on all of our equipment.

To carry the color theme further, many secretaries are now using brown ribbons in their typewriters—the result—a mighty snappy looking letter.

Congratulations to Herman Gerweler who has just been presented with a new service pin following his



tenth birthday as a Gates employee. During these years Herman has served in numerous capacities in the Accounting Department. The past several years his main responsibility has been getting

our many suppliers paid as the obligations become due.

In addition to his work Herman finds time for outside activities. At the moment he is President of the local W. C. U. league. He is also a fisherman and takes great pride in his garden. In this latter connection it is Herman's aim to have the first ripe tomatoes in his neighborhood.

Additions to the Gates' Family

Here are the latest additions to our ever-growing Gates' family. If you haven't already done so, get to know these people. You'll be helping them feel right at home, and you'll also be making friends with some mighty nice folks.

PLANT

Benedick Llewellyn
Melvin Tucker
Robert Hickerson
Edith Kirkpatrick
Henry Crede

OFFICE AND ENGINEERING

Velma Smith
Hazel VanVelkinburgh
Ruth Richards
Darlene Beeler
Paul Hoots
Martha VanKirk
Urlin Whitman
Margaret Atkinson
Helen Miller
Clara Taylor

SALES ENGINEER

Wilfred M. Brady
Wm. Wallace Warren

HOUSTON OFFICE

George Goudeau

NEW YORK OFFICE

Laura Post

LOS ANGELES OFFICE

Theodore Sedgwick

Grace Daniel and her sons are enjoying their new home at 2239 Cedar, complete with a big lawn and fruit trees. They just polished off the cherry crop and are now anxiously awaiting the rest of the harvest. Apple pie would go well with that 10 a. m. coffee!

Man is the only animal that can be skinned more than once.

Quality Control Employed in Production of Gates Frequency Monitor MO-2890

By George Thompson

After frequency monitors have been assembled by the production department, they are sent to the laboratory where a frequency is assigned to each. The crystal, if available, is installed and the oscillator of the monitor is adjusted to resonance. The crystal, Bliley AR3, is calibrated to oscillate 500 cycles off resonance from the frequency assigned to the monitor. The indicating meter, a Weston frequency meter, and bridge is calibrated to read 0 at 500 cycles. The transmitter frequency mixes with the monitor oscillator frequency resulting in a 500 cycle tone, when the transmitter is on 0 resonance. If the transmitter drifts to +5 cycles, the beat is 505 cycles and the meter reads +5 cycles, etc.

In the laboratory, by use of a substandard, multivibrators and a triggered oscillator, it is possible to simulate transmitters on various frequencies merely by tuning the output to the desired frequency. The substandard and multivibrators hold the signal constant. This signal is monitored by the frequency monitors while on test.



George Hanawalt is making daily check during two week tests on MO-2639 Frequency Monitor.

The unit is on continuous heat for fourteen days with regular checkups on drift and temperatures, and the frequency drift and ambient, inner, and outer oven temperatures are recorded and reviewed. Adjustments are made when necessary until the frequency has become stable.

The monitor crystal is removed after the stabilization period is over and allowed to cool to ambient temperature. Then it is replaced and the drift from hot to cold temperature is recorded for the customer's benefit when installing the unit. This will give an indication as to how far it will drift from the initial start until the oven temperature has stabilized.

The crystal, thermometer, thermostat, and rectifier are removed to prevent damage in shipment. The unit is then shipped—with the hopes of making another Gates customer happy.

Dick Wentura Driving Gates Special Again



For the third straight year Dick Wentura is driving the Gates Special in the annual Soap Box Derby sponsored by the local Quincy Exchange Club.

The picture shows Dick in his 1951 car with the set of Stanley tools given by the Shell Oil Co. for the best built car.

We tried to get a picture of his new 1953 car but we find it is being held strictly behind curtains until the big day. However, we do understand that Dick has a new long, sleek, better balanced car, built with the latest style and lines. Lots of good luck to you, Dick, in this year's race.

Shipping Department Tidings

By Alvina Rice

Robert Hickerson, Jr., was united in marriage to Betty Baker on Saturday, June 27, at 1:30 p. m. in the Calvary



Baptist Church. After a short honeymoon, Betty and Bob are now at home at 1251½ Hampshire Street in Quincy.

Bob's Shipping Department co-workers presented him and his bride

with a table lamp to help them furnish their apartment.

Lots of good luck and happiness, Betty and Bob, throughout your married life.

Ray Hudnut, Sr., of the packing department, Ed Fahey, Harold Laws and Bob Bangert from the new plant, recently spent a few days in Minnesota with the purpose of fishing. They ran into a little tough luck with stormy weather and consequently didn't give the fish too much trouble. However, the boys reported wearing jackets and keeping a fire in their stove, which must have been mighty enjoyable considering the sweltering temperatures we've been having in Illinois. Better luck next time, fellows!

Latest Scoop from Sheet Metal And Allied Departments

By Virgil Hall

Mr. and Mrs. Frank Bruening are the proud parents of a 7½ lb. baby boy. This makes two boys and one girl for Frank and Sally. Congratulations!

If you see a blue streak going by it's just John Beckgerd in his new Oldsmobile Rocket 88. Mighty snazzy, huh?

Lyman Ennis has just purchased a nice looking '50 Ford V-8, which should help make the summer months mighty enjoyable for the Ennis' family.

Roger Cave recently spent a week end in Chicago to attend the wedding of a friend. While there, Rog also visited with his sister.

Sounds like Louie Bernal is all set for a swell vacation. He's just added four new tires to his car, and even bought a hose so he can keep the car and new tires bright and shiny.

Don McCabe's golf game is improving all the time. Seems as though the only difficulty Don has is keeping an adequate supply of golf balls. What's the matter, Don, aren't those fairways wide enough?

Most of the men at the new plant are enjoying ping pong during their lunch period. Their report is that some of the fellows are good players, and others are just lucky.

If anyone wonders why Bob Nixon looks so much younger these days, it's the brand new set of choppers he's acquired.

The men in the Sheet Metal and Allied Departments are enjoying their work at our new plant. They all take a great deal of pride in their work, new facilities, equipment, etc., and only hope the rest of the people who work in our plant and office will have the good fortune to be in a new building in the near future.

Safety Committee Organized At Recent Foremen's Meeting

The following Safety Committee was organized to assist the Personnel Department: Bob Bonness, Dusty Rhodes, and Bob Flotkoetter. Our safety record has been good, but this is a situation that can be improved at all times.

A new member is to be added to the Committee each month with no one serving over 3 months at a time.

This committee will make inspection trips through the entire plant and office with the purpose of pointing out various improvements that can be made.

An accident is costly to everyone—you lose time and money—the Company loses production as well as medical costs, etc.

Praise Received from Pakistan Visitors

Several issues ago we ran a story and pictures of the visit of Mr. John D'Cruz and Mr. Abdul Rauf from Pakistan. Their visit resulted from plans made by the Federal Communication Commission to include Gates in their itinerary.

Recently the Quincy Chamber of Commerce forwarded a letter to us which they received from the Secretary of the FFC in Washington. A portion of it is quoted as follows:

"In the late summer of 1952 the Commission had the opportunity of arranging a visit to the Gates Radio Company for two officials of the Posts and Telegraphs Department, Government of Pakistan. The officials, Messrs. Abdul Rauf and John D'Cruz, were guests of the United States Government and were participants in a program of observation and study of America's communications industry under provisions of the Point 4 Program.

They have since returned to their home country but, before departing, had singled out the Gates Radio Company and the city of Quincy as providing them the greatest opportunities, both technical and social, of all cities visited during their stay in the United States. Certainly, the city of Quincy will be remembered by them for many years.

It is a pleasure to inform you of their high esteem for your city and its industry."

This is indeed a fine tribute to our company, which is actually our people. After all, it was the fine spirit and cooperation of everyone that made them feel so well toward us, our company, and our city.

News from East Sub-Assembly

By Elva Watts

Amelia George has been on the sick list and is now home after being hospitalized for several days. The entire department has sent Amelia "get well" wishes, and sincerely hope the wishes come true quickly.

We extend our sympathy to Ruth Howard who received the sad news of the accidental death of a niece, and to Ethel King on the death of her uncle.

Spring has sprung, the grass has riz. We wonder where the flowers is?

Around the middle of May, anyone stepping onto the 3rd floor would have immediately known where many of the spring-time flowers were—right there with the ladies who had put their "green thumbs" to work, most successfully. The work tables were lined with flowers from one end to the other. Looked like a regular flower show and was mighty pretty.



The above is one section of the Quincy High School radio class which visited us recently. Plant Manager, Howard Young, and Personnel Director, Rog Veach, on the left are pictured with High School instructor, Peter Buban. Pete was quite anxious to show his boys around because he spent a training period of 3 months with Gates last summer. Pete assures us these boys are all being brought up on Gates equipment.

New Gates Catalog

Two-hundred forty pages chucked full of modern electronic equipment, from large radio and television transmitters, down to the many small items that broadcasters use every day. That is perhaps the best description of the new Gates Catalog that has been six months in preparation and produced at a sizeable expense. Also included in the catalog are floor plans, specifications, tower light guides and a host of other helpful information—all of which means that every broadcaster should have one. No doubt you are already on the Gates mailing list, but why not fill in the coupon below and mail to Dick Eickmeyer of the Gates Sales Department in Quincy, Ill. He will check your name against the mailing list and if yours, by chance, is not there, it will go on pronto. It will take only a moment. Fill out the coupon right now and drop it in the mail.

Richard Eickmeyer,
Gates, Box 290, Quincy, Ill. (SR)

Please check the name below against your mailing list to be sure I am on it. If not, please add.

.....
Name

.....
Radio Station or Business

.....
Street Address

.....
City Zone State

SYMPATHY

We extend our sincere sympathy to John Weed, Sr., John Weed, Jr., Kenneth Weed, Sr., and families on the death of their father and grandfather; to Hilda Bocke and family on the death of her sister; to Katherine Dorsey and family on the death of her sister; to Mary Ellen Whitfield and family on the death of her grandmother; to Ray Cantrell and family on the death of his grandmother; to Wayne Scott and family on the death of his grandfather; and to Earl Penn and family on the death of Mrs. Penn's grandmother.

Apologies to Ham Neubrecht

The storm clouds from the east have descended upon Gates Radio Company and showered us with fire and brimstone. It's apparent that hell has no fury like a ham scorned. This bit of weather was not caused by recent



atomic explosions but by a short circuit in the form of one Ken Neubrecht, or better known as "The Watchdog O' The Great Lakes" but more commonly known as "Spot."

We all shall now turn to the east, bow and scrape three times and cover our heads with old solder drippings and offer repentance for not mentioning "Spot," W8BTM, in the last Studio Review. On your next visit, Ken, we wish to ask for forgiveness in the form of a small gift. It will necessitate a sacrifice on our part but we can manage to part with a good used OI-A for your new two meter final.

Now that apologies have been given, we can neutralize this final and get under way. Ken has been a ham since way back in 1919 when coffee can VFO's were made in coffee bean grinders. His present rig runs one KW and driven by an RCA dual exciter unit. It seems that this exciter tunes from 2-22 MC, continuously, with frequency in KC's directly indicated by a Veeder counter. The exciter power supply is regulated to within a fraction of a volt and can be frequency modulated up to 1 MC. This means AM, FM or NBFM is readily available. Since the exciter and accessories are dual units, Ken has excellent back up facilities in case of failure in one exciter.

Ken has enclosed a QSL card and it is a work of art. He also comments on Patterson's tie, by saying it's "real George."

We will be looking for W8BTM, Ken. We pass along our 88's and will Cu Sn.

→ Quality **PLUS** makes **GATES** a **MUST** →



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