



GATES STUDIO REVIEW

GATES RADIO COMPANY, QUINCY, ILLINOIS, MAY, 1955

Radio Station CKVL, Verdun, Quebec, Canada On The Air 24 Hours a Day With Two New BC-10B 10KW Transmitters



Mr. Charles Charlebois, chief engineer of CKVL, is pointing out features of the new installation to Mr. Jean Nadon, sales engineer for Canadian Marconi Company. The twin Gates BC-10B 10KW transmitters and their main control console are shown above in the brand new CKVL transmitter building outside of Montreal. Two BC-10B transmitters were installed to provide continuous 24-hour a day operation, with each transmitter on the air 12 hours while the other remains in a standby condition and can undergo the normal maintenance.

One of Canada's foremost stations, CKVL, Verdun, has just increased power to 10,000 watts on 850 kc., and at the same time inaugurated 24-hour a day operation. Two new Gates BC-10B 10,000 watt transmitters were installed in the brand new transmitter building which was especially designed for the new operation.

The CKVL transmitter installation is one of the most modern in Canada. The antenna system consists of three 190 ft. guyed towers, and a very extensive ground system containing 10,000 lbs. of copper wire and strap. The transmitter building itself, in addition to the two Gates BC-10B transmitters, contains a transmitter master control console, complete audio facilities enabling origination of programs right in the transmitter building, a modern remote control system, and a 62,500 watt auxiliary power unit which can be turned on immediately in case of power line failure.

In addition to supplying the trans-

mitters and assorted equipment, Gates Radio Company also designed and manufactured the three-tower phasor. The phasing and current branching equipment is housed in a doghouse at the center tower, and the power is then fed to the other two towers from there.

CKVL first commenced operation in 1946, operating a 1000 watt transmitter on 990 kc. The station changed frequencies to 980 kc. the following year, and in quick time became the key station for a second French network in the province of Quebec.

With their new power of 10KW and their new frequency, CKVL reports that the signal strength will be increased 3.3 times and their programs will be reaching listeners in many places not covered previously.

Under the direction of Jack Tietolman, President and General Manager, CKVL expanded continuously ever since they went on the air in 1946.

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Promotions



N. L. "Nibs" Jochem
Director of Engineering



Bob Richards
Los Angeles Store Manager

On March 1, 1955, Norbert "Nibs" Jochem was promoted to the position of Director of Engineering. Nibs steps into this position with over twelve years of experience and service with the company.

Nibs has spent practically all of this time in some phase of engineering work. For many years he had the position of Chief Audio Engineer and

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Gates Employees'



Announcing a new Studio Review Column the Gates Radio Company Employees' Credit Union News.

Our "little man" will identify this column and his umbrella also does a good job in telling how the credit union can be of service to all Gates employees.

Your credit union is here to help you . . . to help you save . . . and to help you in times of financial distress. If you're not a member, check with your supervisor or the personnel department on how to join. If you're already a member, make certain you are taking full advantage of the services offered by your credit union.

2% Dividend Declared

At the last monthly meeting of the board of directors it was voted to declare a 2% dividend on all full shares effective April 1, 1955. This 2% dividend is being posted to all pass books at the present time, and you should receive your pass book, completely audited with your dividend posted, in the next few weeks.

Promotions

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for the past two years he obtained some broadening experience as head of the Audio section of the Sales Department.

Nibs is a native of Quincy and attended Quincy College before entering the navy. While in service he attended Wright Jr. College, Texas A & M, and the Navy Pier division of the University of Illinois.

At the present time Nibs and his family live at 1843 Broadway, but they will soon be moving to their newly purchased home on East Vermont.

Lots of good luck, Nibs.

April 18, 1955 was the day for Bob Richards to take over as Manager of our Sunset Boulevard Store in Los Angeles. Bob is a good example of how hard work can pay off in a short time.

Even though he has been with us less than 3 years, Bob has crowded much valuable experience into this short time. After working in several different wiring and assembly sections, Bob was promoted to the Customer Order Service Department to help with the big job of handling orders as well as corresponding with customers.

Bob's family is planning on joining him in California just as soon as school is out.

Best wishes, Bob.

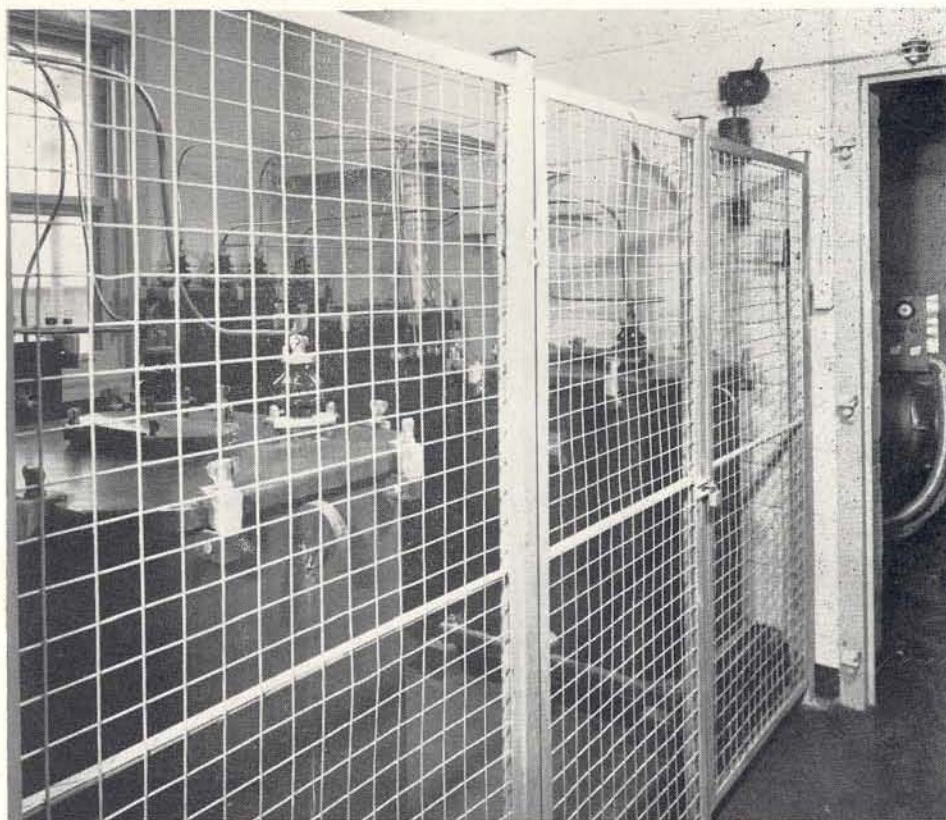
New Transmitters

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They started with a staff of approximately 35 persons and eventually grew to an organization in excess of 100 employees. The most unique part of the CKVL story is that it is probably the most successful bi-lingual station in Canada, broadcasting both in English and in French. In many respects you might consider it two separate radio stations, since a bi-lingual operation requires two complete staffs to keep it going.

The installation of the two Gates BC-10B transmitters was handled by Mr. Charles Charlebois, chief engineer of CKVL, who has been with the station since it opened in 1946. He is the man responsible for the technical installation which keeps the station operating 24 hours a day.

All of the Gates equipment, together with a Marconi remote control system and other necessary apparatus, was supplied to CKVL by the Canadian Marconi Company of Montreal exclusive sales agents in Canada for all Gates products.



Pictured above are the heavy duty plate transformer, modulation transformer and modulation reactor for the BC-10B transmitter. These transformers are all oil-filled, made by the Moloney Electric Company for Gates, and contain a substantial amount of iron and heavy copperwinding, making them probably the most rugged components supplied with any 10KW broadcast transmitter.



New CKVL transmitter building located on Highway 96 outside Montreal, is shown above. This building contains two Gates BC-10B transmitters and all other equipment required for 24-hour a day operation.

5 and 10 Year Pins Presented

John Beckgerd, foreman of our Sheet Metal and Allied Departments completed 10 years of service on November 27, 1954.

John has spent all of this time in this department which actually includes sheet metal, machine shop, paint, and welding. He started out as a machinest, was promoted to the position of assistant foreman of the machine shop, and of course is now foreman of the entire Sheet Metal and Allied Departments.



John is another one of our sportsmen and is a member of the Gates Men' Bowling League, where he carries an enviable average. He also enjoys fishing and probably can be found on the Mississippi River during much of his spare time chasing those poor fish.

Congratulations on the completion of 10 years of service, John. Here's wishing you the best of everything in the future.

On December 16, Joe Woods, Houston Store Manager, received his five-year service pin. Joe's entire five years have been spent as manager of the Houston branch operation and certainly he has played a big part in the growth of this branch, as well as promoting the idea of additional branch stores.



Joe didn't come to this job as a stranger to our products because he was formerly connected with our Houston distributor, Houston Radio Supply Company.

Lots of good luck to you, Joe. We're looking forward to your receiving many more service pins in the years to come.

January 1, 1955 was Happy New Year and also Happy Fifth Anniversary for John Haerle, manager of our northeast zone sales office located in New York City.



John joined our organization as a Sales Engineer after serving as Chief Engineer for a couple of years at one of our local radio stations. After beating the highways for a while, he came into the office to

Camellia Broadcasting Company Installs Gates Equipment For New TV Station



Gates Sales Engineer Wayne Marcy watching Mr. Paul DeClouet of the Camellia Broadcasting Company, Lafayette, Louisiana, KLFY and KLFY-TV, signing the order for Gates Audio Equipment, including a CC-1 Console and Turntables for their new TV station.

handle some special engineering assignments.

It seems that John never did quite satisfy his desire to travel and when the New York City spot opened, he was ready to go. By the way, from all latest reports, this picture may be out of date because of the brush John now wears on his upper lip.

Good luck, John, the next pin completes your first decade.

Congratulations are in order for Dorothea Lahrman upon completion of her first 5 years on February 6. Dotty has spent all of her time in our drafting department and holds the distinction of being the only female member of the drafting crew.



Dotty tells us that she likes to bowl and also work with flowers, but that her duties as a housewife, in addition to the drafting, keeps her pretty well occupied all of the time. Of course, one of her main interests is her son, who will graduate in June from the University of Illinois with a degree in mechanical engineering.

Dotty, here's hoping you receive many more service pins in the years to come.

This tall fellow Frank Schnier completed 10 years of Gates service on March 2, 1955.

Frank started on the assembly line, was a supervisor of one of the assembly departments, and was later promoted to an engineering position,

where he is continuing to do his usual good job.



Frank is well known in the Gates bowling circles for his ability to topple the ten pins. He is a consistent leader in the high average department of the Men's Bowling league, and almost realized every bowler's dream and ambition once, when he was mighty close to that perfect 300 game. We're betting that he makes it yet. Besides bowling, Frank is interested in many other sports, golfing, fishing and mushroom hunting are some of them.

Mrs. Schnier, Marie, and their son Joseph, who is in the 7th grade make up Frank's cheering section at home.

Thanks for your good work, Frank, and we are looking forward to many more years of association with you.

February 3 was the day for Norma Buck to receive her five-year service pin. All of these years have been spent doing secretarial work in the sales department.



In the beginning, Norma worked with Mr. Fred Grimwood and she followed that by doing some special work on both sales and government contracts. For the past eighteen months she has been working as secretary to Sales Manager, Larry Cervone.

Norma's husband, Dick, and their dog Bidy enjoy fishing but there

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Bowling Season Windup

The bowling season has drawn to a close and once again all bowling participants report having a successful season. Naturally it was more successful for some than others.



Is it a hit or a miss?

The girl's league found the Scatterbrainspins in first place, followed by the Pin Heads, Lucky Strikers, and Go-Go-Go's. Here's a list of the teams.

Scatterpins	Lucky Strikers
Pat Taylor	Betty Newberry
Marilyn Stieghorst	Clara Taylor
Marcy Edgecomb	Rosie Mitchell
Barbara Campen	Olive Schulte
Gail Moore	Carol Schueking
Pin Heads	Go-Go-Go
Marge Clem	Marg Atkinson
Marcy Hayden	Ruth Richards
Elma Hobbs	Jeanette Blake
Esther Kattelman	Janet Reed
Joan Klingele	Pat Masters

The Lucky Strikers, Scatterpins and Pin Heads won the honors on high three games rolled, while the Pin Heads, Scatterpins and Go-Go-Go's



Who won? Who was the Clark Gable character posing for the photographer?

took high single game honors. The Go-Go-Go's were prize winners in another spot, and that was the attendance prize. Do you suppose the fact that their team members were there more times than any other team had anything to do with the way they finished?

On the individual side of the ledger, Betty Newberry, Pat Taylor, Marge Clem, Marg Atkinson and Ruth Richards were the prize winners on high averages.

Betty Newberry proved her high

average was no accident by taking the high three games prize and she was followed by Marcy Hayden and Pat Masters. Pat Taylor, Marilyn Stieghorst and Marg Atkinson won the money on the high single game.



Marcy Hayden with that determined look.

The girls' season officially closed April 27 when they enjoyed a fried chicken dinner at the Plaza, and received their prize money. They're looking forward to a bigger and better season next year, and each and every



Don't you believe what you see, Frank?

bowler is planning on being a member of the winning team.

The men's season was also reported to be a successful one, and found the following fellows doing their very best to knock off the top team. The teams are listed in the order they finished.

Team No. 4 - 1st	Team No. 3 - 4th
Bob Hickerson	Marvin Rice
Jim Gibson	Rog Bolt
Ken French	Harold Laws
Frank Bruening	Kyle Snowhill
Virgil Krull	John Kattelman

Team No. 2 - 2nd	Team No. 1 - 5th
Frank Drummond	Bob Richards
Turk Hill	John Beckgerd
Gilbert Allen	Dick Walz
Ray Hudnut, Sr.	Bill Laws
Rog Veach	Hank Anderson

Team No. 6 - 3rd	Team No. 5 - 6th
Jim Winking	John Harrison
Hal Krueger	Harry Haley
Grant Koenig	Hardin Stratman
Ray Hudnut, Jr.	John Beckman
Frank Schnier	Neal Middendorf

Teams Nos. 5, 3 and 6 won the prize money for high three games, while teams 5, 4 and 1 took the money in the high single game department.

Individual average leaders in the league were Frank Schnier, Rog Veach, John Beckgerd, Hank Anderson and John Kattelman. Ray Hudnut, Jr. took the high single game



Is your score right, Marilyn?

prize, while John Kattelman's three big games one night, sewed up the high three games prize.

The men also enjoyed a fried chick-



Who got the sloppy hit?

en dinner to close out their season when they gathered at Turner's Hall on May 9. Of course there are bowling lanes available there, so probably



Why so glum folks . . . didn't anyone have a good game?

the boys continued to try to beat each other.

Perhaps the highlight of the bowling season is the evening the guys and gals get together for a big tournament. This is the time the girls can attempt to show the fellows how to roll that ball, and Katie Kahs did a good job for the weaker sex when she came up with the high game for the night, 210. John Beckgerd kept face

for the men, however, when he had two games slightly over 200. John and Katie were both individual prize winners along with Don McCabe, Grant Koenig and Marge Clem. The members of the teams winning some of that "green stuff" were, Gilbert



Betty Newberry, president of the Girls' Bowling League, aiming for a strike.

Allen, Ruth Richards, Katie Kahs, Jim Gibson, Ken French, Rog Bolt, Marcella Edgecomb, Ray Hudnut Sr., Gail Moore, Grant Koeing, Don McCabe, Jim Winking, Mel Arns, Rosie



Everybody smiling for the photographer.

Mitchell, Carol Schueking, Ronnie Murphree, Thelbert Niehoff and Carl Gray.

Many are hanging up their bowling shoes for the summer and are putting their bowling ball in the trunk of the car to roll for the summer season.



Everybody checking scores, getting ready to move to the next alley.

However, you can be sure that when September comes around again, there will be a big crew of Gates people dusting off their bowling shoes and shining and polishing their bowling ball, ready for action and another happy bowling season.

News from Glenn's Department

By Elva Watts

Forrest "Frosty" Fuller has been on the sick list and is now home after spending some time in the hospital. Frosty who has already undergone some surgery expects to return to the hospital for more surgery soon. Everyone wishes you a real speedy recovery Frosty.

Katie Dorsey and her family recently moved to the farm, where they will no doubt enjoy the cooler summer air. Katie says she expects to be eating lots of fried chicken soon.

Mr. and Mrs. Les Slates have a baby girl, Jean Ellen, born December 28. The Slates have a little boy, Gary, who is almost 2. Les works in the test lab. but because he is located so close to us, we are reporting this with our news.

Cable Department Capers

By Dee Pusey

Ki Turner is back in the cable shop after working at the new plant for a while. Ki was recently hospitalized and is now practically as good as new.

Mary Gallaher was also recently hospitalized and we're glad to report she is back on the job.

The Elvin Ballows celebrated their 26th wedding anniversary a couple of weeks ago. Congratulations folks.

Weekend travelers in our department include Bill Perry and Rog Bolt. The Perrys took a trip to Oklahoma for some visiting, while the Bolts enjoyed a trip to St. Louis.

Engineering Department News

By Dotty Lahrman

The drafting room is back to normal again now that the Krulls and Koenigs have had their babies. A son, Ralph Warren, was born to Mr. and Mrs. Grant Koeing on February 2 and Mr. and Mrs. Virgil Krull also have a son, Donald Kevin born on February 4.

George Thompson is proud of his new station wagon and we are proud of George because of his recent appearance on the TV show, "In The Book." George has proved himself to be well informed on Biblical history as he is a tough one to stump.

One of our breakdown department men must have been mighty hungry the other day. When the bell rang he hurried out, punched the clock, and was on his way home. He did notice the clock in his car was slow so he set it up to 11:45 and went on his merry way. His wife greeted him with a "what are you doing home now" query, and it was then he discovered he had made a small mistake. That bell was the signal for the 10 a.m. coffee break, and it was not lunchtime.

Darlene "Penny" Beeler Weds Jack Padgett

On February 6 at 4:30 p.m., at the Tioga Bethany E & R Church, Darlene Beeler, secretary to our plant man-



ager, became the bride of Jack Padgett.

After a honeymoon trip to Chicago, the newlyweds returned to their Camp Point home where they are now settled. Jack is a lineman with the R. E. A.

Congratulations and best wishes for a long, happily married life to the Padgets.

News from Sheet Metal And Allied Departments

By Virg Hall

Frank Brown and his wife recently purchased a home north of Quincy. Since this home is located close to Bear Creek, the Browns have a fine spot to practice their favorite sport, fishing.

Several have new or different cars in our department. John Beckgerd is driving a new Oldsmobile, Pat Parsons has a Hudson, Joanne Thomas has a Mercury, Buster Riggs is driving a yellow and black Oldsmobile, and Bill Weed Sr. is sporting a new Chevy. We also hear that Olive Schulte is back behind the wheel again now that the ice is off the roads.

Bob Gottreu was away for a couple of weeks, making a cruise in Uncle Sam's Naval Reserve Program.

We hear that Royllyn "Bud" Wilson is becoming a cabinet maker in his spare time at home.

Charley Bridgman has a complete new fishing outfit so he will be all set to catch some big ones this summer.

We hear Bob "Senator" Nixon is taking ping pong lessons so he can win some of the games.

Congratulations to the Bud Wilson family on the arrival of their son, Terry Lynn, March 18. This is the first child for the Wilsons.

5 and 10 Year Pins

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won't be much time for their favorite activity this summer. This is because of their new home nearing completion at 400 Spruce.

Good luck, Norma, and here's hoping you receive many more service pins in the years to come.

George "Snuffy" Fletcher's first day with the company was February 21, 1945.

During these 10 years Snuffy has been engaged in some kind of engraving work and has also done some sub-assembly work. In addition to these duties, he has done most of the building of our console desks.



The Fletcher family consisting of Mrs. Fletcher, Bernice, and their children, Georgina 14 and George 13, resides at 2729 Lind Street.

As many Gates people know, Snuffy has done shoe repair work as a hobby or "part-time job" through the years. He has recently given up this work, however, much to the disappointment of his many Gates customers.

Congratulations to you, Snuffy, on your 10th company anniversary.

Another 10-year man is Albert Rakers of our sheet metal department.

Al is an experienced sheet metal man and is now on the job of assembling all cabinets in this department.

Al and Mrs. Rakers are proud of their home at 2305 Elm, where they have lived for approximately 18 months. They enjoy taking good care of their yard and raising a fine garden.



The Rakers are travel enthusiasts

and always plan a nice vacation trip. They have visited the east and west coasts and this year plan to make a Florida journey. They also enjoy weekend trips to St. Louis where they take in the Cardinal baseball games and the Muni Opera.

Al says he enjoys working at Gates and working with all the fellows in his department. It's nice to have you, Al, and we're looking forward to many more years of happy association.

Like father, like son, might be the story for Ray Jr. Hudnut.

Ray Jr. started to work for Gates on April 6, 1945 and after a hitch in the navy and after working at

a couple other places for a while, Ray returned to Gates on April 3, 1950.

Ray Jr. has spent much of his time with the company in the shipping department and is presently helping at both the main and new plant on a navy job.

A member of the Gates Men's Bowling League and the Gates softball team, Ray Jr. enjoys all sports activities. He has been a member of the bowling team which has journeyed to Chicago to bowl in the annual Radio Industry Tournament.

We are happy to present you with this 5-year service pin, Ray, and we're looking forward to the time you exchange it for a 10-year pin.

Elizabeth Beck says it was a lucky day for her when she started to work for Gates on April 16, 1945.

These 10 years have proved quite fortunate for Gates, too, and all the people who have worked with Becky. All who know Becky sincerely appreciate her cheerful disposition and witty personality, which has helped many to forget their troubles and face the world with a smile.

At present Becky is located in our drafting department, where she operates the blue print machine as well as taking care

of the drawing files, where approximately 50,000 drawings are housed. This job has made her a bit notorious, however, as Becky is frequently seen carrying a jug.

Becky says she doesn't have any special hobbies but we know her 14 grandchildren (and one to go) keep her spare time pretty well occupied.

Congratulations on the completion of your first decade of Gates Service, Becky.

Marjorie Pippenger received her 5-year service pin on April 19. We can all be personally appreciative of Marge's work because her position as payroll clerk is indeed an important one to all employees of the company.

Marge has spent all of her time in the accounting department, handling payroll along with various other duties connected with this position.

Besides her work, Marge has two mighty important interests, and they are her fine sons,



Phil 13 and Steve 8. Phil and Steve both take piano lessons and Phil is fast becoming a piano virtuoso. Phil also likes basketball so perhaps we will be hearing more from him on this subject. Steve has many hobbies, and especially enjoys his parakeet, Che-Chee.

Best wishes to you, Marge. We have a 10-year pin just waiting for you to complete another 5 years of service.

Ray Hudnut completed 10 years of service with Gates on April 5. In fact, April has been a mighty important month in Ray's life as his birthday is in April, he was married in April, and of course, he started to work for Gates in April.

Ray has spent his entire time with the company in some phase of shipping work and is presently located at 3rd and Delaware where he handles the big job of making and assembling crates which are later used for the shipping of our products. Ray plays an important part in seeing that all of our products are crated properly so they will arrive at their destination in good condition.

Ray is interested in all kinds of sports and is a member of our Gates Men's Bowling League. He is also an ardent fisherman and huntsman, as well as being a baseball fan.

The Hudnuts live in LaGrange, Missouri, where they recently purchased a new home.

Congratulations on your tenth anniversary, Ray.

1 And 3-Year Service Pins Presented

Listed below are those people who have recently received their 1 or 3-year service pin. We're certainly proud and happy to be able to present these pins and are looking forward to the time each of you will exchange it for a new one. Keep up the fine work!

1-Year	3-Year
Jan King	Neal Harvey
Charlotte Mulkey	Katie Kahs
Margaret Renier	Chris Fuller
Stan Whitman	Roger Veach
	Ruth Edens
	Pat Taylor

SYMPATHY

We wish to express our sincere sympathy to Robert Fisher and family on the death of his mother, and to Harvey Skirvin and family on the death of his mother.

Chatter From New Plant Assembly Department

By Ruth Wilkey

Airman 3rd Class Wayne Kropf Jr. returned to Lake Charles, Louisiana after visiting with his father Wayne Kropf of Ewing, Missouri.

Carl Gray and his family motored to Pryor, Oklahoma for a visit with his sister. His mother returned with for a visit with her family in Quincy.

Ruby Kindhart was confined to her home with illness for a week, but is back at work again. Glad to have you, Ruby.

We have two brand new fathers in our department, one of them, George Cribb is really a new father as the Cribbs son, Carl William born December 30 is their first baby. John Maxwell is an old hand at caring for the baby by now, as there are two boys in his family in addition to the little girl, Debra Kay, born April 22.

Stock Room Notes

By Dee Schoch

We are happy to say that Al Mann is feeling fine after his short stay at the hospital.

Mel Arns was also a hospital visitor and we are glad to have him back with us again.

The stock department is in the process of taking annual inventory. We are glad to welcome all employees from other departments who are helping us with this big job.

Fern Foster is enjoying the quiet atmosphere of her new home at 647½ Oak.

We've heard something about Hillbillie and a hamburger. Did it taste good, Hillbillie?

Happenings in Bonness' Department

By Mary Ellen Rupp

Elma Hobbs is evidently quite a mushroom hunter. Guess she will be catching those big fish soon now that the mushroom season is over.

Chuck Taylor is driving a newer Plymouth.

Karl Fleming has a different and newer car, it's a Buick.

We've heard some rumor about Bob Koetters having a new girl friend. Anyone know who she is?

Our friend Gene Crossan is going to be batching for a while this summer while his wife and children are visiting Mrs. Crossan's former home in England.

Mary Ellen Rupp's son, PFC Basil Rupp, recently returned to his Marine Base at Ocean Side, California after spending a leave at home.

Marie Carter is rejoicing over her new grandson born to her son and his wife, Staff Sgt. and Mrs. Earl Holtzgrafe.

College Visitors



On April 5, we were honored with a visit of advanced electronic students from Trinidad State Junior College located in Trinidad, Colorado. The stop in Quincy was part of their annual field trip to Chicago and the midwest to acquaint the students with actual production and engineering situations. Much credit for Gates being included in their itinerary goes to Sales Engineer Bob Blanchard of the Rocky Mountain territory, and also to our Gates customer KCRT in Trinidad. Accompanying the students in the trip through our plant and office were from the left; Plant Manager, Howard Young; Head of the Electronics Department of Trinidad College, Walter Steige; and from the right; Director of Engineering, Nibs Jochem; and Personnel Director, Rog Veach.



On Thursday, December 30, various members of the Industrial Association of Quincy entertained the teams competing in the first Quincy College Invitational Holiday Basketball Tournament. Our guests were the team from the Teachers' College at Kirksville, Missouri. After spending the morning touring both plants, they enjoyed a luncheon served at the Lincoln-Douglas Hotel. Our guests gave a good account of themselves by winning the Consolation bracket and also by placing Rich Maack, third from left, on the All-Tourney Team. Accompanying the team on the tour were on the left, Rog Veach, Personnel Director; Norman White, Kirksville Athletic Director; and from the right, Howard Young, Plant Manager; and Coach Boyd King.

New Products Displayed At IRE Convention



Gates Radio Company had the largest display of AM broadcast equipment at the IRE Show, held at the Kingsbridge Armory in New York City in March. The Gates display area consisted of 50 running feet of space. As you will notice from the above photograph, it was completely filled with the very latest and most modern broadcast equipment.

Highlighting the exhibit was the brand new 5000 watt AM broadcast transmitter, the model BC-5E. This new "Hi-Watter" 5KW transmitter received tremendous interest, especially because it is the only completely self-contained high level modulated 5KW transmitter on the market. The BC-5E Hi-Watter transmitter does not have any external components. The plate transformer, modulation transformer, and modulation reactor are mounted right inside the transmitter. Electrically, the new BC-5E is very similar to the model BC-5B 5KW transmitter, which has been setting the pace in 5KW transmitter sales for the past five years.

An interesting sidelight was the fact that the BC-5E transmitter which was displayed at the IRE Show was sold right on the floor to radio station WWRL in New York City. The transmitter actually was returned to the factory first, so that it could be tested on WWRL's frequency of 1600 kc. It has now been completely tested and shipped to WWRL for installation in the WWRL transmitter building in Secaucus, New Jersey.

Another item which created a lot of interest was the BT-100A 100 watt low powered VHF television transmitter. The BT-100A is very similar to the BT-50A 50 watt transmitter, which is being used by the Armed Forces Radio and Television Service at their low powered TV station in the Azores.

Finally, two brand new audio products, a two-channel low level remote amplifier and a new streamlined eight-position studio console, were shown, both for the very first time. Both of these use printed wiring line amplifier, and have many other innovations and features which undoubtedly will give them a tremend-

ous appeal to the broadcaster.

The number of new products that were shown at the IRE is an indication of the leadership which Gates Radio Company is showing in the AM broadcast field.

After the IRE Show closed, it was reported that over 40,000 people visited Kingsbridge Armory during the four days the exhibits were open. A very large number of the guests were foreign engineers representing countries all over the world.

Gates personnel in attendance were: L. J. Cervone, N. L. Jochem, R. E. Eickmeyer, J. M. Haerle, E. J. Wilder, O. J. McReynolds, W. W. Warren, and Fred Damm.

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