



GATES STUDIO REVIEW



GATES RADIO COMPANY, QUINCY, ILLINOIS, FEBRUARY, 1957

AUTOMATION - with - "AUTO - STATION"



By Jay Blakesley
Manager, Audio Sales

"Auto-Station" is a descriptive word, originated by Gates Radio Company, for an electronic system capable of providing the most advanced automatic method of radio programming. "Auto-Station" as developed and manufactured by Gates provides complete automation of broadcast stations thus differing from semi-automatic devices.

Two distinctly separate units comprise the complete "Auto-Station," namely the "Production" unit and the "Playback" unit. These two units are not connected electrically and usually are in separate locations. The "Production" unit, as the name im-

plies, is used for making up or producing a program in a fraction of the time usually required. The "Playback" unit is used for reproducing the program and is entirely automatic in operation.

The "Production" unit consists of a heavy duty tape recorder, a control panel and the necessary oscillators and relays for controlling the tape recorder. Gates "Auto-Station" employs the binaural method of tape recording which offers many advantages over monaural recording. In binaural recording, one-half of the tape carries the program material and the other half is used for the sensing frequencies. In this way, there is no possible interaction be-

tween the two channels as is possible with monaural recording. Another important binaural advantage is that many functions can be controlled, each with its own sensing frequency, without dependence on pulsation of a single frequency.

The control panel in the "Production" unit includes a two channel mixer, sensing control switches and a monitoring speaker. One mixing channel is normally used for a microphone and the remaining channel is connected to a turntable or tape recorder. If more mixing channels are required, an auxiliary mixer or console can be connected to the turntable channel. The turntable position allows transcribed jingles or sound

effects to be mixed with the announcer's voice for production spots.

Tally lights are provided for each control function and indicate the function that is being controlled. The panel speaker can be used for editing or monitoring the recorded tape and announcement errors can be remedied at this time. A master switch mounted on the control panel provides edit and monitoring facilities and also prevents accidental erasure of program material. A large 4" VU meter indicates the proper recording level from the microphone and turntable channels.

Time savings are easily computed although it is recognized that the program format between stations are not the same. For example, if a 30-minute program consists of seven one-minute announcements, the total time required to make up the half-hour program would be only ten minutes, including opening and closing theme. An eight hour time segment can be completed in slightly over two and one-half hours. Phonograph records are not dubbed on to the tape, but are played directly by the "Playback" unit. The announcer thus makes a series of announcements without having to wait for each phonograph record to finish.

The "Playback" unit is made up of several individual units, each of which contributes to the overall stability and accuracy of "Auto-Station." The tape transport portion is identical to the one used in the "Production" unit with the exception that no record facilities are required. Synchronous motors assure accuracy of playback time.

The Seeburg Select-O-Matic record player has a capacity of 100 double-faced records or 200 sides. Beneath each record slot is a key switch that selects each record as well as selecting either side of each individual record. The variable reluctance cartridge with dual diamond styli assures long life not only for the styli but also for records.

"Auto-Station" would not be complete of course without a means for stabilizing and controlling the output level. Gates Sta-Level amplifier fills this requirement since it is capable of controlling 30 db variations in signal levels. A high quality monitoring amplifier is incorporated in the "Playback" unit which can be connected to a loudspeaker for aural monitoring. Selective amplifiers and control relays make up the rest of the "Playback" unit and control each thought as originally recorded on the "Production" unit.

At this writing, numerous stations have placed orders for "Auto-Station." Radio Station WCAZ, Carthage, Illi-

KWRO — Coquille, Oregon Goes Remote Control



KWRO had dedication ceremonies on December 4th, with special guest, former Governor Elmo Smith present. In the photograph, Governor Smith, center, is being shown the operation of the Gates RDC-10 remote control system by Jan King, left, Gates regional representative, and Lyn Thomas, General Manager of KWRO.

By Robert H. Maki Manager Special Products Sales

KWRO went on the air with the Gates BC-1KW transmitter. This transmitter is designed especially for remote control operation. It has push button control of filament and plate contactors. The RDC-10 system is easily connected to the transmitter with the plate voltage and current sampling kits and motor rheostat provided.

The RDC-10 offers filament on-filament off control, plate on and raise-lower. It also provides all the necessary metering including PA plate voltage, antenna current and tower light indication. Ten metering positions are available in the unit so additional metering such as buffer plate current can easily be supplied with the addition of a current sampling unit. This remote control system,

nois and KFSB, Joplin, Missouri already have "Auto-Station" in service.

"Auto-Station" has been designed and manufactured for complete automatic action and the very highest quality parts and materials are incorporated. **Time, the life-blood of broadcasting can be sold by the hour and manufactured in minutes.** Many progressive stations from coast to coast are making plans for "Automation-with-Auto-Station."

like all Gates systems, provides 4" meters with dual scales capable of readings of voltage and current ranges for any transmitter for 250 Watts to 10 KW power output.

The two meter panels, shown immediately below the remote control unit, are Gates modulation and frequency extension meters. These meters allow the station monitors to be placed at the transmitter location with readings extended over the telephone line. Thus, readings can be taken at both the studio and transmitter location.

Gates also has available the M-5144A RF amplifier for driving these monitors if the monitors are to be used at the studio location.

Our congratulations to KWRO for having one of the newest Gates installations in the great Pacific Northwest.

See
The Sensational
New 'Auto-Station'
IRE CONVENTION
MARCH 18-21
BOOTHS 1302-04-06-08
NEW YORK COLISEUM

'57 Starts Off With A Bang 35th Anniversary Celebrated

Everyone got their eyes opened fast when they arrived at work on January 2—the first working day of 1957.



Prexy puts a badge on Will Lindsay.
How do you like these two profiles?

First of all, for many, the usual entrance was locked with instructions to go to another door. When they arrived at this door, they were greeted with bright lights, loud music, wel-



Hazel Brinkman and Ruth Wilkey getting
all fixed up.

come signs, and a committee all ready to pin 35th Anniversary Badges on them.

Many were the comments and surprised expressions as people arrived to start the new year.

Bob Fisher, our company photographer, was busy popping flash bulbs and it was regrettable that he couldn't be at both plants to record what happened at 30th and Broadway as well as at 2nd and Hampshire.

We wish it also could have been possible to have had some of the com-



Ruth Richards displaying one of our
birthday cakes.

mittee on hand at each of the stores and offices to have made this celebration 100%.

Throughout the day in the plant and office there was an holiday atmosphere with everyone wearing badges as well as having the '57 slogan signs in evidence every place you looked. All the slogan signs carry the 35th anniversary emblem which will be on our letterhead which in a year's time is sent practically throughout the entire world.

Further celebrating was done at coffee time when everyone received an individual birthday cake with "35" printed on it.

Much could be said here about



John Bowers greets Betty Cate at 8:02 a.m.

where we have been during these 35 years or where we might go in the future. However, this was covered quite adequately by Mr. Gates in a letter we all received at home the last day of the old year. Our birthday lasts all year and we can all have a big part in making it a happy and successful one. May we all see many more anniversaries.

New Babies

Congratulations to Clem Goodin and Charlie Schafer, both rather new members of Bob Bonness' assembly department. A baby daughter arrived in the Goodin home on October 29, and a girl was also born to Mr. and Mrs. Schafer on January 5. This is the first child for the Goodins and the third for the Schafers.

The Omer Walton family has another boy, Jay Stewart who arrived January 21. Omer and his wife, Doris, now have three boys and one girl.

Bob Johnson, of the shipping department, is beaming about the birth of their son on December 28. Bob and Mrs. Johnson have another child, a girl.

Bob Richards, our Los Angeles store manager, his wife, Billie, and their son, Dick, received a fine Christmas present—a baby girl who arrived December 23. Bob, we're looking forward to your next visit in Quincy so we can meet your daughter.

SYMPATHY

We wish to express our sincere sympathy to Mr. and Mrs. Harry Haley and family on the death of their baby son, and to Lyman Ennis and family on the death of his mother.

Stock Department News

By Gerry Bonness

John and Esther Kattelman had a very Merry Christmas! Their son, Ronnie, was home on leave from the Army.

Congratulations to Charlotte (Shorty) McNeal. She is a member of her home town (LaGrange, Missouri) girl's basketball team. We understand she and her teammates have been carrying away a lot of victories.

Ode to a Mustache

Fads may come

Fads may go

Mustaches grow and grow and grow.

We looked once

We looked twice

On Marvin Rice,

We think it looks real nice.

Engineering Department News

By Dotty Lahrman

Congratulations are in order for the Dick Walz family. A brand new baby girl arrived at their place January 29. This is the third child for Dick and Mrs. Walz and their first girl.

The stork has been rather busy over in engineering and drafting. It's another boy for the Bill Laws family. Donald Ray arrived October 21, making it 4 boys for Bill and Louise.

The Ray Doellmans are also proud parents of a baby boy. Steve arrived October 30, and will eventually be a fine playmate for his older brother, Bill, age 2½.

Grant Koenig has joined the ranks of home owners. He recently moved his family into their home at 2109 Adams.

Larry Steinkamp had a bit of bad luck recently. Some teenage joyriders failed to turn a corner, and ended up smashing into his parked car. There's one good thing about it Larry, you weren't in the car!

1 and 3 Year Service Pins

It seems our service pin list continues to grow fast—and here's another group who will be ready to receive 5 and 10-year pins before we realize it. Thanks everyone for your good work!

1-Year

Ida Perry	Bob Maki
Jeanne Wilson	Freda Campbell
Jay Blakesley	Irene Flood
Norm Matlack	Margaret Anderson
Gerald Allen	Joe Cole
Robert Walton	Dorothy Kirner
Sterling Johnson	Mabel Mitts
Clarence Frazer	Betty Oenning

3-Year

Frances Tharp	Maxine Bean
James Mayfield	Jan King
James Winking	Charlotte Mulkey

700 Attend Gates Annual Family Christmas Party

When Santa Claus arrived at Madison School Auditorium Monday night, December 17, 1956, he found 700 members of the Gates Radio Company with their families and



Bob Laws is giving Santa the complete list.

guests. Santa was kept busy for some time talking with the children and in some cases he found out some rather interesting information about the parents as well as the children.

Assisting Santa to make sure everyone received candy were Pat Taylor,



M. C., Larry Cervone, gets our program under way.

Pat Masters, Barb Campen, Barb Resa and Adalene Miller.

To assist in getting children in the right line to see Santa, as well as keeping the oldsters going the other way, Ray Jochem, John Bowers, A. S. Petzoldt, and Nibs Jochem were on hand to greet everyone. After Santa bid everyone good night, our Sales Manager, Larry Cervone, served as Master of Ceremonies.

To further the Christmas spirit and mood, Neal Harvey started the pro-

gram with group singing of carols. Mrs. Petzoldt accompanied at the piano.

Mac McEwen spoke briefly on the accomplishments of the past year and



Song leader Neal Harvey in action.

also about some plans for 1957. To further emphasize the new year and our 35th anniversary, he awarded the 1957 slogan award prizes to Don Ahrens for the first place and to Weldon Steinbach for second place. The winning slogan was "The Joint's A Jumpin' — Make '57 Sumpin'."

Mac climaxed the anniversary idea by presenting President, P. S. Gates, his 35th year service pin because of his association with the business since its beginning in 1922. Mr. Gates in turn presented a 15-year pin to



Our soloist Bob Walton reaching for a high one.

Gladys Dickhut. (Complete details in another story).

Bob Walton, manager of the Gates Acceptance Corporation, closed the program with two vocal numbers accompanied by Mrs. Petzoldt.

Marge Pippenger and Ruth Richards checked off the gift list as

blankets and turkeys disappeared rapidly. Before they were finished, some had already found their way to



Executive Vice President, L. I. "Mac" McEwen bringing his greetings.

the gymnasium for the refreshments being served by Howard Young, Dusty



Don Ahrens wins first prize in '57 slogan campaign.

Rhodes, John Beckgerd, Earl Ryther, Bob Bonness, John Kattelman, Bob Strode, Ed DeGroot, Art Myers, Glenn



Pat Taylor first in line for a red blanket.

Foster and Larry Larimore.

Others helping to make our party a success were Turk Hill, Loren Bohnann and Kyle Snowhill.

Service Pins Presented At Christmas Party

One of the highlights of the annual Christmas party was Mac McEwen presenting President, P. S. Gates, his 35th year service pin.

Even though this means Park has been associated with the company since its beginning in 1922, he says he really isn't as old as it sounds because he started at a very tender age. Nevertheless, in spite of what he says, he has been around a long time



Mac pins 35 year pin on Park at Christmas party.

gaining experience and information which all help in guiding our company today.

In addition to his big job and responsibilities with the company, he has always played an active part in being a leader in civic and church activities. A few of these include the Industrial Association, Chamber of Commerce, Community Chest, Quincy Baseball Club, Vermont Street Methodist Church, etc.

Naturally one of his chief interests is his family which includes Mrs. Gates, Millie, and daughters, Barbara, Janet, and Mary.

Congratulations, Park, on the first 35 — and may there be many more.

* * * *

Our oldest woman (in years of service), Gladys Dickhut, received her 15 year pin at the Christmas Party. When Mr. Gates gave it to her, he probably could have told us some interesting stories out of her past because many things can happen in this length of time.

Gladys tells us she started in general work when the office and plant were located one-half block east of the present office building. Later she started doing bookkeeping and accounting work and today is bookkeep-

ing supervisor in charge of billing, accounts receivable and payables, and cashier.

One of her main interests has included a vacation trip each year. These trips have now practically



Gladys about to receive her 15-year pin from Mr. Gates.

covered the entire United States.

Even though she hasn't participated in sports, she is an avid spectator for both baseball and wrestling. She is unhappy to see baseball leave Quincy.

Gladys, the next stop is 20 years.

5 and 10 Years Pins Presented

After spending a good many years on the farm, Carl Smith moved to town and came with us on October 10, 1951. Following a year and a half in one of the radio assembly areas, he moved into the woodworking section



where he has been the balance of the time. However, if there is any lull in this area, Smitty can be found helping in the machine shop or other sections.

He tells us that his spare time is taken up in working around home and also helping some of his family on the farm. There are four children and eleven grandchildren so Carl and Mrs. Smith have plenty to keep them busy.

Carl, we're looking forward to the 10th anniversary.

* * * *

October 11 was the 10th anniversary for William "Hank" Anderson. Hank tells us he didn't say much about welding when he applied for a job, but before he had spent much time in the machine shop, he found himself back at his welding trade.

It would be interesting to know how



many hundreds of racks and cabinets Hank has welded.

Hank enjoys his spare time by bowling, hunting, and following baseball. He was active in the Gates Men's Bowling League and served as president for several years. He says his gardening activities are confined to tomatoes.

Hank and Mrs. Anderson also enjoy their family which includes four children and twice as many grandchildren.

Congratulations, Hank!

* * * *

John Kattelman passed the 5-year service pin mark on October 12. All of this time has been spent in supervisory work in the stock room. For better than two years, John has been foreman of this area.



The Kattelman family is another of our Gates' families because Esther is in the Accounting Department and their son, Ronnie, was with us a short time until he joined the army.

For spare time activities, John turns to bowling and active participation in his church. Gardening also enters the picture during the summer months.

Congratulations, John, on the first five.

* * * *

Wally Kabrick joined the 10-year service group on October 14.

Wally's first 10 were spent in some phase of assembly and technical work. Following a start on an assembly line, Wally moved into the test laboratory as assistant and then eventually on up to head of the lab. From there he moved into the audio division of engineering as a junior engineer and for some time has been the senior engineer in charge



of the audio section.

In his spare time, Wally can be found at his camp doing some boating or fishing. Hunting is also included in spare time activities.

Wally and Mrs. Kabrick, Kay, and son, Jerry, are all interested in a new hobby of H. O. Model Railroading, which they say takes time to build up because of certain financial aspects.

Best wishes, Wally.

October 18 was the 5th anniversary for Daphne Dingle. All this time has been spent in different radio assembly departments. This includes working on our first Navy contract.



Daphne says she hasn't joined the grandmother group yet but hasn't given up hopes. She and her husband, Paul, have their family as their chief interest. Paul has been on the sick list for some time, but when he is able handles some real estate.

Daphne, we're looking forward to many more anniversaries.

* * * *

After spending 10 years in the grocery business, Al Mann joined our stock department on October 29, 1951. Since that time he has become thoroughly acquainted with practically



all sections of the stock and receiving departments.

Al tells us that in addition to his and Mildred's interest in their family and granddaughter, they also enjoy TV. So far he hasn't gotten the Mrs. interested in his boating and fishing activities. He now has a new boat so spring can't come too early.

Al, your 10-year pin is waiting.

* * * *

On October 30, 1951, Mrs. Mary Goodman started her duties as secretary in the Houston, Texas store. Since that time Mary has done a lot of good work and has contributed much towards the success of the Houston operation.

Mary is a very enthusiastic person, takes a lot of pride in doing her job well, is very conscientious, and we wish more people associated with Gates would have the opportunity to meet her.

We also wish a picture of Mary had been available. Then we could have proved that she does not look old enough to be a grandmother. Mary has one daughter, Jerry Sue, and we know her family takes up much of grandmother's time after working hours.

Thanks a lot for the fine job you're doing, Mary. The next stop for a service pin is 10 years.

* * * *

George VanDeBoe joined the company on November 5, 1951. He started out as a wireman, was promoted to a technician, and is now a junior en-

gineer in the high frequency section of the engineering department. He just finished work on two special mobile vans for use in Korea.



Van has been a "Ham" radio fan for many years and is licensed under call letters W9HQW. He is a member of the Western Illinois

Radio Club and served as president of this organization in 1956. This year Van is serving on the committee in charge of the "Hamfest", a get-together of all hams in the Illinois-Iowa-Indiana area.

Van, his wife Mildren, and Alan, their 9-year old son, live at 2125 Harrison, a new home that was built pretty much by Pop.

A 10-year service pin is waiting for you, Van.

* * * *

Meet Allene Kuiken of our Washington D. C. office. Allene joined the company as secretary in the Washington office on November 19, 1951, and has been doing a mighty fine job ever since.



Many people located in the Quincy office and plant feel as though Allene is an old friend, but few have had the opportunity to meet her in person. We are especially glad to get better acquainted through the Studio Review.

We understand Allene has many interests in life; her job, music, art, people, swimming, fishing, riding and golf. However, they all come second after her children.

We certainly wish you and your family the best of everything, Allene. We're looking forward to many more years of association with you.

* * * *

November 25 was the 10th anniversary for Ruth Howard. She was with the company earlier, but had to take time out for family duties.



Her entire time has been spent in some phase of wiring and assembly work. She told us some interesting stories about many things which have happened during the years.

Ruth, like many of our women, finds her chief interest in her family and now most of all her three grandchildren.

Your 15 year pin is waiting, Ruth.

Smiling Faye Fuller joined the Gates family on December 11, 1946. She says that for a short time she did general office work, but she has spent practically all of her 10 years as secretary to our Executive Vice President, Mr. McEwen.



For many years, Fay's chief hobby was fishing and she still does some of it. However, she got bit by the golf bug a few years ago and says she much prefers that to anything else.

Like all mothers and grandmothers, her chief interest is her family and home. Her husband, Chris, Sr., can be found in our shipping department and in the past both of their sons, Chris, Jr., and Dick spent some time with us.

Faye, your 15-year pin is waiting.

* * * *

Weldon Steinbach joined us just after Christmas on December 28, 1946. Following a couple of years in the stockroom, Weldon moved to the breakdown section of the engineering department. He can tell many stories



of changes and stepped up activity during these 10 years.

About 3 years ago Weldon and his family moved into their new home in Granview which is still in the city but he tells us the country is just across the back fence.

Weldon and his wife, Ina, are interested chiefly in their family and home. However, they are both active in their church with Weldon handling one of the Sunday School Classes.

Here's wishing you many more anniversaries, Weldon.

* * * *

Following his release from the U. S. Marines, Neal Harvey joined us on January 10, 1952. These years have been spent in various phases of the production office. In December, Neal



was promoted to the position of Production Scheduler.

For sometime, Neal has spent all his spare time in doing much of the work on his new home on Columbus Road. The Harvey family moved in

over a year ago and Neal is completing it further as time permits.

He says that Rosie and the three little Harveys thoroughly enjoy the country air, riding the school bus, etc.

Next stop, Neal, is 10 years.

First Gates AM Broadcast Transmitter in Hawaii



Pictured above is E. Harold Munn, Jr., Vice-President in charge of Engineering for the Christian Broadcasting Association. He is shown checking the operation of their Gates 1,000-watt transmitter. This installation incidentally is the first Gates AM broadcast transmitter in the Hawaiian Islands and we are very proud to have it at KAIM, one of Hawaii's most progressive stations.

By Tom O'Hara

Mgr. Broadcast Transmitter Sales

The BC-1J as supplied from the factory will tune to any frequency in the standard broadcast band. Also included is the Gates exclusive twin drive audio system. Two amplifiers are phased together at their outputs to provide new performance standards in fidelity, distortion and reliability. For the station just starting out on 250-watt, the Gates Hi-Watter series which includes the BC-1J is ideal. This transmitter basically is a 1 KW unit with the necessary parts removed for lower power operation. This is a definite advantage as all components are generously rated.

The BC-1J has been built with remote control operation in mind, and the relay panel is complete with filament and plate contactors, and no expensive extras are required for remote operation.

As of this writing over 140 Gates BC-1J transmitters have been shipped to all parts of the world and we are extremely proud of its fine acceptance by the Broadcasting Industry.

Neil Arveschoug, Transmitter Sales Champion for 1956

Congratulations to Neil Arveschoug, our Rocky Mountain Sales Engineer, for the job just completed in leading the company in the sale of broadcast transmitters during 1956. Neil finished with a very high percentage of

transmitters placed and this is indeed



an outstanding record when we remember it was accomplished during his second year with the company.

This contest is based on the number of transmitters placed as against the total number of opportunities in the given territory during the year. In addition to the good job in selling new transmitters, Neil battled 100% on replacement transmitters.

Congratulations, Neil.

John Price Joins Sales Promotion Department

On Tuesday, February 5, John Price, a recent graduate of the University of Houston, joined our fast-growing advertising and sales promotion department. While going to school, John, was head of the sales promotion department in one of the Houston television studios and has had experience in other companies in the Houston area.



Virgil Alderton First to Complete Group Training Course



Pictured above on the left is Virg Alderton receiving a company check from L. I. McEwen for 50% of the cost of the group training course which Virg has just completed. He is one of 22 fellows who started this course last fall and through much work and effort has been the first to complete the 20 lessons.

Congratulations, Virg, on a big job "well done" because his grades were outstanding all the way. Also pictured above is foreman, Bob Bonness; plant manager, Howard Young; and personnel director, Roger Veach.

He has served a tour of duty with Uncle Sam and spent two years in Germany with the U. S. Army.

John and his wife, Jan, and their daughter, Susan, are already located in their home in Quincy at 1100 South 18th Street.

Welcome to the Prices.

Bill Moats Joins Gates Sales Organization

Just before Christmas, Bill Moats joined our sales staff to cover a territory in the southeast region. Headquartering in Birmingham, Bill will



cover Alabama and a large part of Tennessee.

Having worked for many years as chief engineer in in different stations (the last being in Savannah, Georgia) he comes well qualified to serve the broadcasters in this area. Much of his experience has been with Gates equipment.

Bill, his wife, Frances, and the three children are already living in Birmingham and from early reports Bill is getting off to a flying start in giving Gates service to the Alabama-Tennessee area.

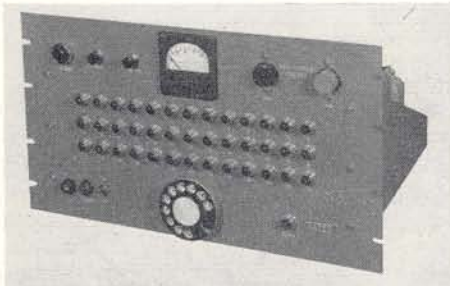
Welcome to Bill and his family.

Special Remote Control

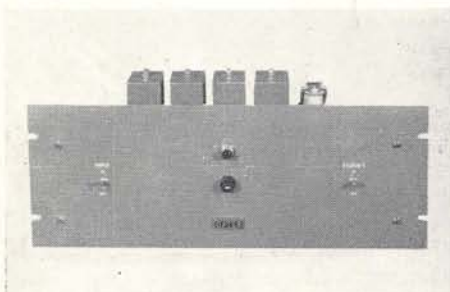
Robert H. Maki, Manager
Special Products Sales

Gates Radio Company recently shipped a very specialized remote control system to one of the *largest industrial and mining companies in the United States.

The system, shown here, has a



Master control panel consisting of a 40 position stepper relay, telephone dial, and indicator lights for each of the 40 positions. It is completely D.C. and allows one (on-off) function at each of 40 positions throughout the



mine. Also illustrated is the sub-station, or fan control unit.

The operator at main control panel can dial on or off any such remote position and tell at a glance the status of each individual sub-station or fan in the mine.

Hi-amperage D.C. supplies are used throughout the mines to operate the vast network of underground ore-cars. Previously, a man had to supervise each D.C. supply personally to insure the proper functioning of D.C. supplies and ventilating fans so vital to a mining operation.

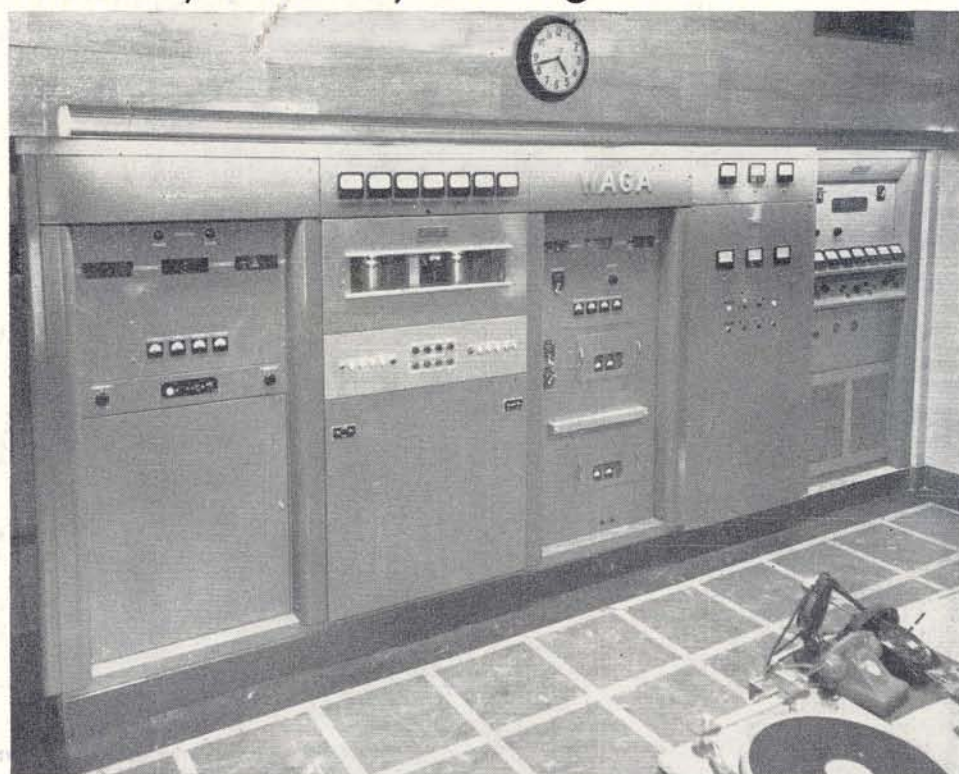
It is conceivable that the dispatcher can now operate and supervise the functioning of the remote control system from his post.

The 40 position Master control unit makes it possible to purchase the main unit and a few sub-station units, adding up to 40 units at any convenient time.

Gates Radio Company considered it a privilege to develop this system and contribute to the operation of our great mining industry. This illustrates new applications of automation and remote control—new horizons for the electronic industry.

*Name supplied on request.

WAGA, Atlanta, Georgia Goes Gates



WAGA's (Atlanta, Georgia) Dual Gates Transmitter installation, including from left, Gates BC-5E 5000 Watt Broadcast Transmitter, with Automatic Switching to Conelrad Frequency, Gates 3-Tower Phasing Equipment, and Gates BC-1J 1000 Watt Transmitter as auxiliary.

By Bob Kuhl

Sales Operations Manager

Last Summer WAGA, Atlanta, Georgia, completed installation of two new Gates Transmitters. Their main transmitter is a Gates, Model BC-5E 5000 watt unit, with automatic switching for Conelrad operation. A Gates BC-1J 1000 watt transmitter, is employed as an auxiliary on their regular operating frequency. WAGA uses the Gates RCM-20 Remote Control System for controlling these transmitters, and a Gates Phasor for their Directional Antenna System.

Many of our readers will recognize,

WAGA is owned by the Storer Broadcasting Company, who has many interests in Radio and Television Stations throughout the United States. It is a pleasure for us to report that Storer also uses Gates manufactured Phasing Equipment at their WJBK, Detroit, Michigan installation.

Hugo Bonny, Chief Engineer at WAGA, reports: "Our BC-5E is doing a very nice job for us and I do believe that we have the best sounding signal in AM Radio here in Atlanta."

We at Gates are very happy and proud to be able to add WAGA to the ever growing list of satisfied Gates users.

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



GATES RADIO COMPANY
Quincy, Illinois, U. S. A.

BULK RATE
U. S. Postage
PAID
Quincy, Illinois
PERMIT No. 122