

INTERCOM

HARRIS

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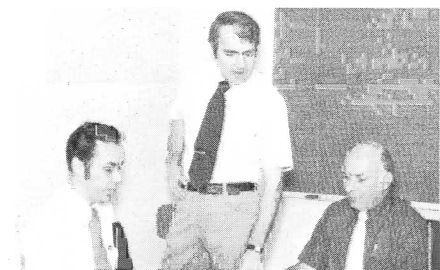
QUALITY CONTROL UPDATE

In February, 1973, it was announced that an organization change was being made to strengthen Gates overall quality program through consolidation of quality control activities which previously had been divided between the Engineering and the Manufacturing Departments.

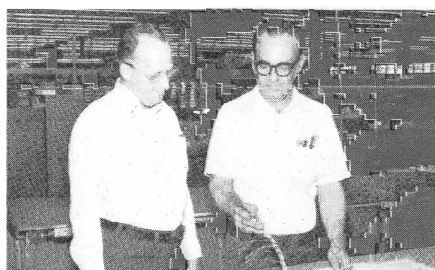
Part of this move was the establishment of a separate, consolidated inspection department reporting to Quality Control. Its responsibility is primarily to determine quality performance both of individual operators and of entire plant departments. However, the basic responsibility for achieving the required quality and workmanship remains with the plant departments and in the hands of the individual operator. The inspectors are the "score keepers" on quality who report to the operating departments how well they are doing and what problem areas exist. They also are responsible for release of the products to Final Test and release for shipment.

Each inspector is assigned to cover one or two plant departments and each works closely with the department foreman. Those now assigned to the Inspection group are: Dick Goodson, Chief Inspector; Carl Brown and Bill McClintic, Incoming Inspection; Bob Allensworth and Mike Young, Department 14; Archie Davidson, Departments 10 and 36; Jim Medlin, Departments 19 and 22; Larry Penn, Departments 21 and 23; and Dick Riney, Tear-down and Shipping.

All inspectors have had extensive experience at Gates, with many having worked in a variety of plant operations.



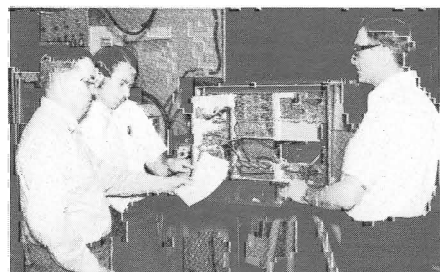
Pete Foxx (left) and Larry Schlepphorst examine current production chart with Dick Goodson (right).



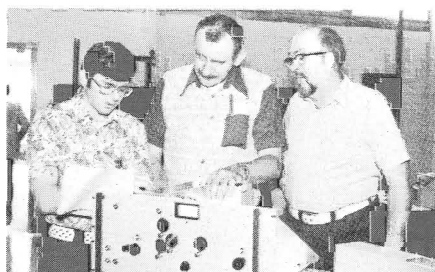
Jim Moss (left) and Archie Davidson compare finished cable with lay-out drawing.



Bob Allensworth (left) and Mike Bourne go over the finished product from one of the Wiedematic machines.



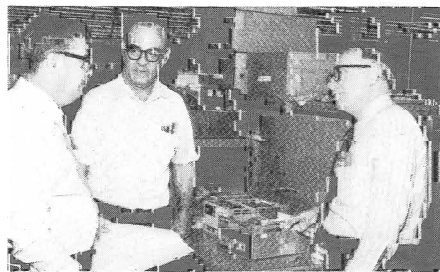
Tom Cottrell (left) discusses tear-down operation of a color camera with Steve Hemming as Dick Riney (right) looks on.



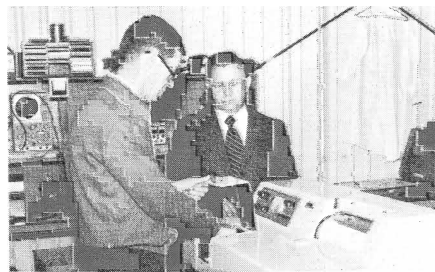
Larry Penn (left) points out a requirement needed on line 21 to Jim Winking (center) and Neal Midden-dorf.



Jim Medlin (left) and Margaret Marksbury examine a sample of "on the line" production in Department 22.



Don Hubbard (left) and Bob Strode (right) talk over the problems of production of the KSP10 with Archie Davidson.



Bill McClintic (left) and Gilbert Allen check out a purchased item for quality in Incoming Inspection.



Mike Young (left) and Bud Hinch check over-all measurements of a TV exciter chassis in Department 14.

Carl Brown, Incoming Inspection, was not available at the time these pictures were taken.



FOCUS FOCUS FOCUS FOCUS

MAINTAINING PRODUCT QUALITY

A continuing goal at Gates has always been to manufacture quality products. And, because of this emphasis on quality, Gates has gained the trust of broadcasters around the world, and attained its present industry leadership position.

Product quality, then, has always been all important to the growth of Gates. But how is this quality maintained? Where does it originate? Who is responsible?

Within our company, the level of quality is established by broad objectives, but it really begins in our Engineering Department. This department must state product specifications clearly so that all parts and materials can be purchased or made to a high quality level for the job intended, so that future problems will be minimized.

Thereafter it is largely the Manufacturing Department which directly influences the quality and workmanship level of our products. Obviously, the manufacturing organization must be quality conscious. So, too, must other departments that feed information into the manufacturing chain.

The quality process which begins in the Fab Department, as each load of sheet steel is inspected for flatness and clean surface, continues as the raw material progresses through the shear, the Wiedematics, the press brakes and other machine shop operations. In-process inspection occurs in the welding shop, the metal cleaning operation, the paint department and right on through to the actual assembly operations and final test.

The importance of quality has recently been emphasized further at Gates by the transfer to Manufacturing, and the consolidation and strengthening of, the Quality Control function. There is now a separate quality inspection group independent of plant line management.

However, despite the many inspections, the real success of our quality depends on each individual accepting his or her responsibility to do the job correctly. The actual inspection is merely an overcheck.

The key to maintaining good quality is in the attitude of our employees. It is taking pride in the job each of us has to do. It is knowing our job and accepting the responsibility to do that job in the best way one knows how. It is asking questions and checking answers. It is making sure that you have the correct information, methods and tools to provide a product which the customer will be proud to own. Quality is all of these things, and maintaining good quality depends on every one of us doing our job well.

Proper performance of complex electronic equipment is particularly dependent on the workmanship and care taken during the manufacturing process. Our current heavy overtime and the heavy shipment schedule can unintentionally cause a slip in quality, and we must make sure this does not happen at Gates.

Despite the haste to meet customer delivery needs, we cannot permit any slip in product quality to occur, because the resulting customer dissatisfaction will cause loss of repeat orders in the future. We must take extra care to maintain the high level of Gates' workmanship and product performance so our customers' faith in us is maintained. This is what we have built on. And this is what we will continue to grow on—customer confidence in the quality of all Gates' products.

Lawrence J. Cerwoy

Vice President-General Manager



**JULY 10th
5 P.M.—9 P.M.
SOUTH PARK**

**Ham—Chicken
Dinner**

Kiddie Rides

Balloons

Cotton Candy

Horseshoes

Dancing
(music by Casuals)

Door Prizes

Happy the Clown

Fire Engine Rides

Fish Ponds



Edited By Personnel Dept.

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Ruth Ann Skirvin

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Lois Butcher

VISITORS VIEW GATES BROAD PRODUCT LINE

Thirteen members of the Engineering/Purchasing group of KETC-TV, St. Louis, Mo. visited Gates to acquaint themselves with equipment available for their installation. They spent most of the day touring the buildings at 30th and at Ellington and topped the day off with a luncheon and a discussion of Gates equipment.

KETC-TV operates two BT-35H transmitters in parallel that give the St. Louis area high quality educational color TV coverage.



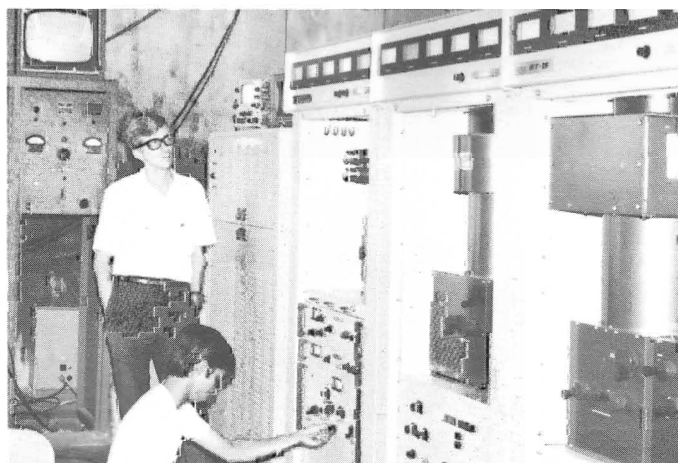
Shown from left to right, front row: Tom Jordan, Curt Kring, Betty Branden, Jack Vines, Kathy McFadden, and A. C. Allen. Second row: Hans Bott, Bob Smith, Frank Jackson, Jerry Hatridge, Bill Morrissey, and James Prince. Back row: Lester StAubin, Dan Maase, Hardin Stratman, Paul Bergh, Larry Reddick, John Muench, and Tony Uyttendaele.

Two men from WRGB-TV, Schenectady, New York, were on hand to witness the performance test of the BT18/18L transmitter that will update their facility.



Shown above with the BT18/18L transmitter are: Lew Page, Don Hubbard, Tony Kowalczyk, Transmitter Engineer WRGB-TV, Vern Killion, George Davis, Transmitter Supervisor WRGB-TV, Roger Newell, and Howard Young.

BT-25H1 ON AIR IN MANILA



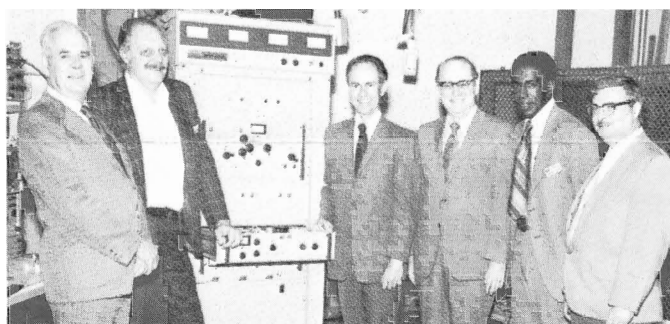
Republic Broadcasting System, Manila, Philippines increased its Channel 7 coverage by installation of a new Gates 25 kW TV transmitter. In the above photo Jerry Powell, who was in Manila to check out the installation of the transmitter, observes as the operator takes readings during the normal operation of the BT-25H1.

The MW-50 proved to be most interesting to Charlie Fox, Transmitter Supervisor WWL, New Orleans, La. as he toured the 30th Street location. In the short time since its presentation the MW-50 has proved to be a focal point for many visitors to our facility as they anticipate possible boost in signal strength without increasing transmitter carrier power.



On hand to point out the state-of-the-art-design of the MW-50 were from left to right: Brian Cox, Hilmer Swanson, Joe Engle, and Lyndle Dark. Charlie Fox also viewed the low band 25 kW Transmitter during his visit.

Two men were on hand to accept the BT-100H Transmitter that is destined to be part of the Government's 33 week electronic course for the Army. This course is to be given to Army personnel at Fort Monmouth, New Jersey.



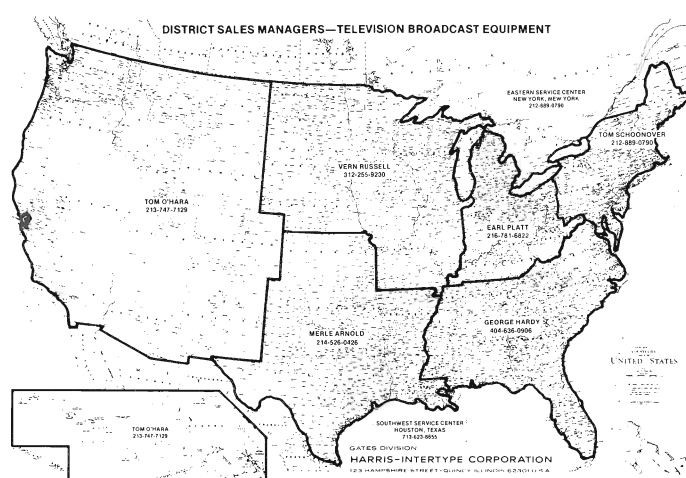
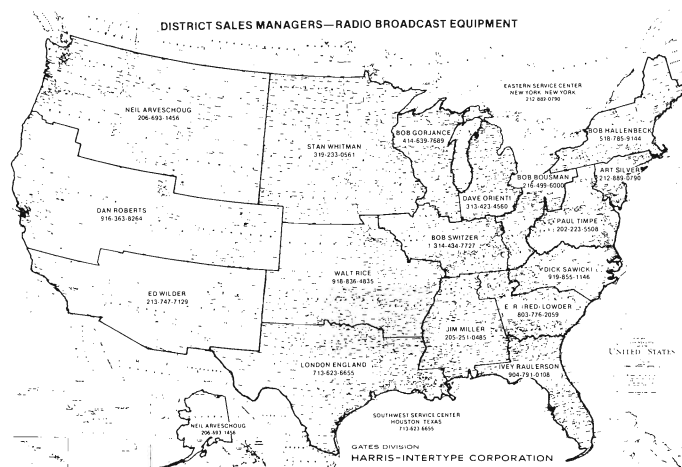
Shown above viewing the BT-100H are from left to right: C. V. Clarke, Jim Schofield, U. S. Government instructor, Roger Newell, Howard Young, M/Sgt. Ed Henley, U.S. Army, and Don Hubbard.

FULL COLOR UHF TRANSMITTER FOR WSNL-TV



A full-color UHF transmitter is purchased for WSNL-TV, Patchogue, New York, Channel 67 UHF, Long Island's first and only commercial TV station, by David H. Polinger (center) president and general manager. As shown above, he signs contract with Gates Div.-Harris Intertype Corp., manufacturer of 55,000 watt equipment. Looking on are Edwin T. Karl (left) WSNL-TV's VP-Engineering and Thomas G. Schoonover, Gates TV Sales Engineer. Using the BT-55U will give this station approximately 3 million watts effective radiated power, making Channel 67 the most powerful UHF television station in the Metropolitan New York area when it goes on the air next fall.

AREAS COVERED BY GATES RADIO AND TV SALES MANAGERS



All fifty states receive attention from Gates Sales Managers as they search and re-search the needs of the Broadcast field.

From the contacts made by repeated visits, the following results were achieved as of May 31, 1973.

Radio

Bob Switzer	134% of years quota
Bob Gorjance	131% of years quota
Bob Hallenbeck	121% of years quota
Art Silver	118% of years quota
Walt Rice	107% of years quota

TV

Tom Schoonover	271% of years quota
Tom O'Hara	122% of years quota
Vern Russell	122% of years quota
Earl Platt	120% of years quota

Congratulations to all our Sales Managers, especially those listed above.

Service Awards



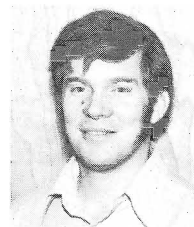
15 Years
Edna Haxel
Service Adm.



5 Years
Ivey Raulerson
Radio Sales



5 Years
James Bailey
Test



1 Year
Randy Hollander
Auto. Assy.



1 Year
Joe LaManna
Ind. Engrg.

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