

THE VOICE OF

T M C

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A smiling President and wife greet Ben Katz, Administrative Vice President of TMC Systems (Virginia) at Stockholders' Meeting. Story on Page 3.

Published monthly at the main offices of The Technical Materiel Corporation, Mamaroneck, New York, to provide a medium for the free exchange of information and ideas for all employees.

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Christmas Turkeys Distributed

On Christmas eve TMC distributed free turkeys to employees at various plants. All in all, about 1000 turkeys were given at the Mamaroneck plants alone with leftovers going to local charities.



TMC (Canada) hopes that all other TMC's had a really happy Christmas and wishes the employees of our parent company and sister subsidiaries a very Happy and prosperous 1964.

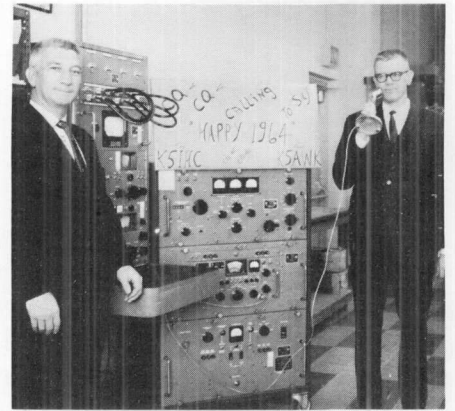
Here in Canada we had a very good holiday. Many gifts were given and received, all employees were presented with a real family sized turkey along with our President's personal good wishes and the famous goodwill spirit was evident all over the plant.

The R. A. Christmas party took place on December 7th at the Bruce McDonald Motor Hotel and was a rip roaring success — our thanks go to the capable organizers. Peter Ferguson, who deals with all our knotty customs problems between New York and Canada, is a very talented musician and this year he was playing his saxophone in the orchestra for the Christmas party. He was also one of a vocal group of four who gave some excellent songs. Everyone was full of praise for the music and very appreciative of Peter giving up his share in the merrymaking in order to add to the enjoyment of others. George Warren from Material Control turned out to be an expert twister and one of our testers, Bill Cole, sang very beautifully with the orchestra for two numbers.

Wedding bells rang out for three pretty girls since I last wrote and we are glad to say that all three are still with us in spite of the counter claims of matrimony.

Rosalyn Strike married Bob Cousins at Kars United Church on November 9th. Rosalyn helps Helga in the library and Bob is working for the Pure Spring Co. of Canada Limited.

(Turn to Page 7, Col. 1)



Around the world these past few days Christmas carols have been sung, people have been in festive moods, and then another holiday season ended . . . however, even though such a season is short . . . one season, "attracted to hams" continues around the world every day, all year with the famous CQ,CQ. Making these familiar calls are K5IHC, Ray Barrington, and K5AWK, Paul Stein. Paul enjoys conversing with "hams" and spends many of his off duty hours listening to weather reports and finding out what "gear" is being used. We transmit using a TMC Model GPT-750 (modified) and receive on a TMC Model GPR-90-RX with a Model GSB-1. Antennas used are: 40 meter doublet, 40 meter vertical beam, 20 meter doublet and 15 meters using 40 meter doublet. We are now planning a Vee Beam (1000 ft./leg) to be used in conjunction with TMC Model TRC-3500 for operation on All HF Bands. We have two other employees who are "hams." WOHVO/5, Herb Anderson, and K511G, Travis Boykin, who join with K5IHC and K5AWK saying for all of us, "73's and a Happy 1964."

NOTE: We are still waiting contact with other TMC'ers.

Annual Stockholders' Meeting

Our annual meeting held at the Hilton Inn in Tarrytown, New York, was the usual warm and neighborly affair that we are used to conducting, and was attended by people in all walks of life. We had the further pleasure of declaring our first stock dividend payable February 28th, 1964 to holders of record February 7th, 1964.

Actually, this company is not now, and never has been in the "weapons" business. We make no radar or countermeasures or tactical equipment of any kind, nor are we directly in the "missile" business. We are communications engineers, and in the opinion of management, the demand for communications equipment, particularly command and control, must increase rather than decrease. We feel that the more defense budgets are cut, the more funds will be made available for communications and communications maintenance, and the latter is our business. This is at least partially borne out by the fact that we had a record year in 1962-63 fiscal whereas a number of companies doing business with the Government had a poor year in a like period.

(Turn to Page 6, Col. 1)



Photo: Stan Benham

Board of Directors. From left to right are Alfred J. Moccia, William J. Galione, John E. Galione, Marjorie M. dePasquale, Ray H. dePasquale, Ernest A. Matson Jr., and George W. Jennings. All board members with exception of Mr. Matson have previously served on the board. Mr. Matson, TMC's General Sales Manager, has been an employee since 1947.



Photo: Stan Benham

Members of audience



William Galione (left) and Henry Geist

TMC RESEARCH MARKS FIRST YEAR

One year ago the box score at San Luis Obispo's Technical Materiel Corp. stood at —

- Employees: One.
- Payroll: Miniscular.
- Gross sales: Zero.

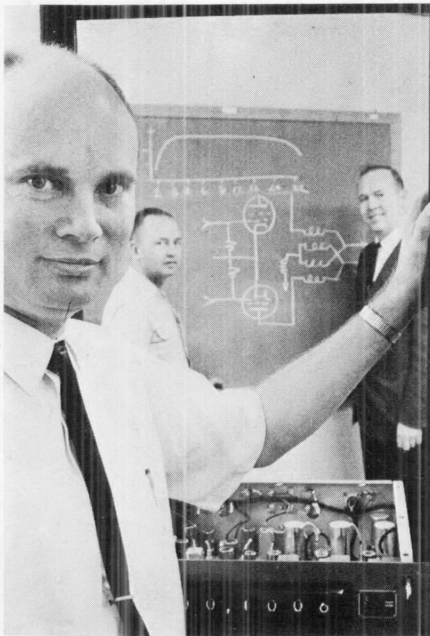
Today the TMC plant at Hill St. is a blowin' and goin' place where big expansion plans are on the drawing boards.

A firm which specializes in high frequency communications equipment, the San Luis Obispo branch can talk about:

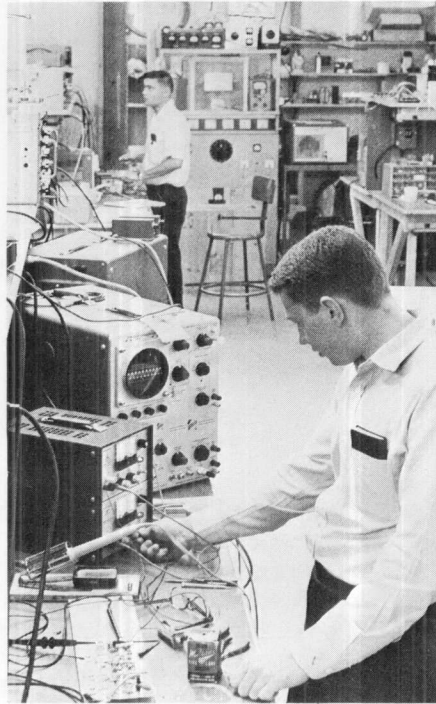
- Its 27 part and full time workers.
- An annual payroll of \$100,000.
- Annual gross sales in excess of \$200,000.
- A goal three years hence of \$5.5 million in gross sales. There will be around 300 workers on the payroll.

Next year TMC plans to move into its own specially designed plant. The buildings are already on the drawing boards. But a site hasn't been picked.

"We're going to be real snobbish about where we locate," is the way



DIRECTOR JIM PALMER from the theoretical



A VIEW OF THE LAB to the experimental

James K. Palmer, general manager of the San Luis operation, puts it. "We feel that we can be.

"We aren't an industrial concern, or factory, in the usual sense. We deal in research.

"Wherever we locate we are going to preserve the college atmosphere which permeates much of the city."

Cal Poly, Palmer adds quickly, is important to TMC. TMC would not have located here except for Cal Poly.

TMC employees, such as Fred Glenn, TMC office manager, teaches a course in advanced accounting at the college.

On the other hand, most of TMC's part time workers come from the college's engineering department.

Palmer himself holds a Cal Poly engineering degree.

If TMC is bursting at its electronic seams one of the reasons will be the expansion next year of its crystal filter department. Jack Saunders, an

engineer from Newport Beach Calif., was brought in to head the division.

When this work is in full swing it will more than double personnel on the TMC payroll.

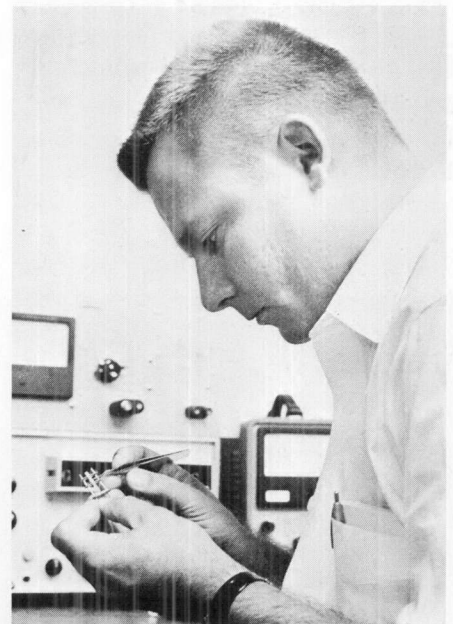
Both the engineering and manufacture of the product itself will be done at the San Luis Obispo plant.

These filters are used in all communications receivers and transmitters requiring a means of selecting proper signals and rejecting unwanted ones.

The fact that the manufacture of this highly specialized product will take place at TMC is unusual because, as Palmer underlines heavily, "We are not primarily engaged in production.

"Most of our effort is devoted to engineering new products.

"This is why Cal Poly is important to us. Their engineering teaching puts emphasis on development of equipment rather than the theoretical engineering which is featured by state universities.



ASSEMBLING A CRYSTAL FILTER to the practical

(Turn to Page 7, Col. 1)

Meet A 'Brass Hat'

Dick Bonelli, TMC's "on-call-around-the-clock" chauffeur, lives in two worlds. Most of the time he's like you and me, but he also has a Lilliputian world where he can throw off daily cares, don his "brass hat," and pilot New Haven trains about the countryside.

An avid H.O. Model railroader for the past nine years, he's invested over \$2,000 in a layout boasting 10 steam and diesel engines, 15 passenger cars, 10 baggage cars, about 100 assorted types of freight cars, and 12 cabooses. Located in the attic of his modern Mamaroneck home, the layout measures approximately 20 by 10 feet, and is complete to the smallest detail.

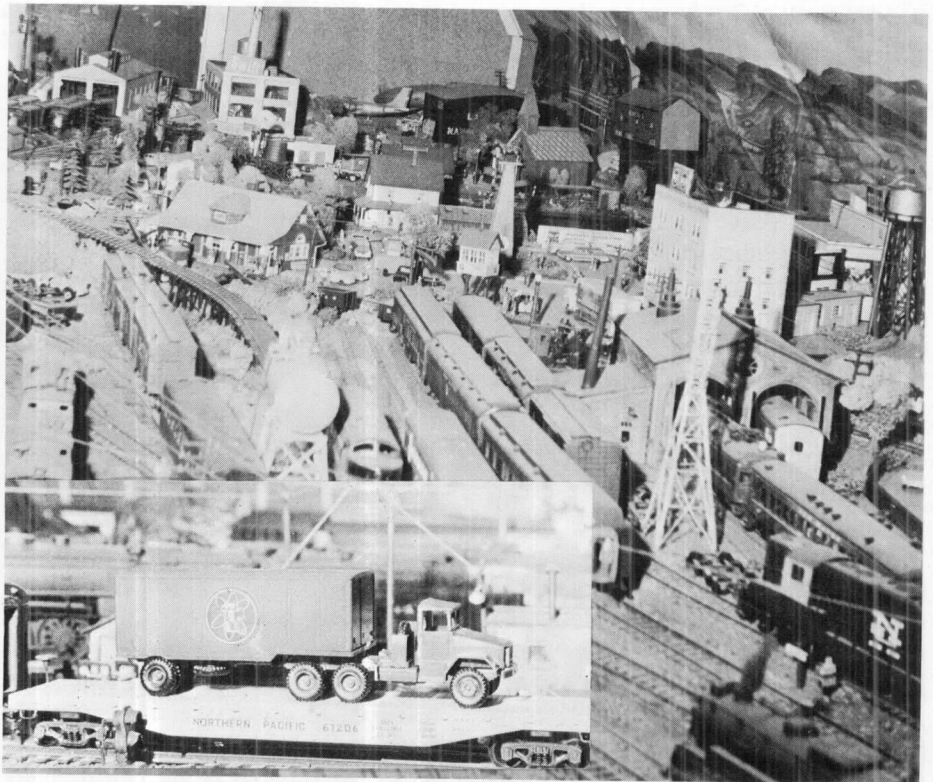
"There are many reasons for my building a miniature railroad," he stated when asked how he became interested in railroading. "You can say it's a form of relaxation, an escape from daily cares. Also, I admit, I'm a frustrated train engineer (brass hat) and here I can run my own railroad. But most of all I do it for the pure enjoyment of it."



A member of the National Model Railroad Association (NMRA), Dick says there are about 100,000 model railroaders like him in the country today. "Just think," added his wife, "the whole thing started 10 years ago when I gave him a model diesel engine." A TMC'er for the past 11 years, Dick lives in Mamaroneck with his wife, Trudy, and son, Dick Jr., age 8.



Dick at the controls. "That's the New Haven train yard," he said, pointing proudly to an impressive array of idle engines and cars.



Complete to the finest detail, one of his favorite's is a model TMC van mounted on a flatcar.

How To Lose A Secretary

Here are a few simple rules to follow if you want to make your secretary quit:

- Convince her you think of her as a tireless worker by always calling her to take dictation while she still has one arm in her coat.

- Demand that her every effort be flawless—then send back a three-page letter for retyping with your second-thought insertions on each page.

- Assure her that you look upon her as a heartless machine which never needs a compliment on work well done or a show of appreciation for extra effort.

- Demonstrate that she's a mindless child by habitually repeating simple instructions, spelling words of one syllable.

- Show her how featureless she is to you by not saying "hello," "good-by," or passing a moment's time of day.

- Let her know she has no taste by refusing to consult her on office decor and, by rejecting out of hand, her light but secretly sincere suggestion that her new typewriter be powder blue to match her eyes.

- Finally, leave no doubt that her future in the office is hopeless by ignoring whether or not she improves her skills, learns news tasks, or takes on more responsibility.

Executive Jogger

2% Stock Dividend Announced

Mr. Ray dePasquale announced that a 2% stock dividend was voted by the board of directors at a meeting held on January 14. The dividend is to be paid February 28, 1964, to stockholders of record at close of business as of February 7. Fractional shares will not be issued but an equivalent payment will be made in cash.



Photo: Stan Benham

Mr. Ray de Pasquale addressing stockholders

Meeting (Cont.)

This company has all the attributes of a growing company. We are engaged in research. We produce many new products each year. We are well financed. We have been able to at-

tract and hold high grade executives, and look forward only to further growth and stability. We sell over 250 proprietary products all over the World. These products have been produced with our own funds with no Government participation whatsoever.

News from Power Distribution

by H. W. Patterson

A Christmas party held on December 24 by Power Distribution brought out many of our employees along with their children. While adults busied themselves with food and fun the tots lined up to receive candy from Santa Claus, played by William Kallio, head of the Engineering Department. All arrangements were made by Mrs. Emily Duncan and Mrs. Marie Stepp, wives of our Vice President and General Superintendent.

As of now Power Distribution has 99 employees with 72 in Alexandria and 27 in the field. Recently we received a contract which with its various options will run well over two million dollars. It is reasonable to assume that more employees will be added and more men sent overseas as a result of this contract and of other contracts near fulfillment.



Gail Stepp talks to Santa, played by William Kallio. In background are Roland Mitchell (left, in sweater) and Bernard Kelly of Welding Dept., holding his son.



Santa Claus handing out presents to children of our employees. Ronald Mitchell holding on to a very tired participant.

TMC Research (Cont.)

"We take theories and out of them develop equipment.

"This plant creates new electronic communications products which are manufactured by other TMC plants."

In the year since the San Luis Obispo plant has been operating it has created three items which are now in the process of being patented by TMC.

(Courtesy of the San Luis Obispo County Telegram Tribune, California)

Canada Calling (Cont.)

Denise Bissonnette married Richard Sarazin at St. Jean Batiste on December 7th. Denise is a junior assembler and Richard is a truck driver.

Jeannette Gagnon married Jean-Claude Viau at Cathedrale Trés-Saint-Rédempteur on December 28th. Jeanette is also a junior assembler and her husband is a cleaner. We wish all three of them every happiness.

To round off the "Meet our Supervisors" series I would like you to take a look at Fred Horton this month.

Fred is a native of Ottawa and a graduate of Ottawa Technical High School. He has a distinguished war record having served for six years in the RCAF both in Canada and overseas. After the war he tried his hand at a variety of technical jobs, coming to his present one in 1962. From being supervisor of Sub Assembly and Terminal Boards Fred was put in charge of Industrial Engineering subsequently being shifted to supervisor of Main line Assembly and Button up. This is in line with the company policy of demanding great flexibility in its top men.

Fred is a man of many and varied highly technical hobbies as well as the more usual ones of hunting and fishing. He is an accomplished boat

builder, also a member of the Ultra Light Aircraft Club, and his current project is the building of an amphibious aircraft VJ 22. He's also an avid photographer.



Newsbriefs

• Engagement announced. **Mr. and Mrs. Louis Orofino** announced the engagement of their daughter **Marylou** to **C. Peter Parisi** on December 23, 1963. Marylou, a TMC'er for two years, works in the purchasing dept. Her fiance works for General Foods as a computer operator. They plan to be married September 12, 1964.

• **Mr. and Mrs. Robert Nowack** announce the arrival of a baby girl born December 24, 1963 in New Rochelle Hospital. Named **Donna Ann**, she is the sister of **Susan**, 5 and **Robert**, 20 months. Bob works in the Engineering Model Shop.

• **Nicholas F. Mazzeo** of the Model Shop has been elected to serve his seventh term as president of the Range and Trail Gun Club organized in 1934 and affiliated with the National Rifle Association. The club has a membership of 65 persons.

• **Richie Lalla** and **Beatrice Summa** announced their engagement on Christmas day. Richie, a TMC'er for four years is in the cost accounting dept. His fiancee, a graduate of Port Chester High School is employed at American Cyanamid Corporation in Stamford.

Bowling Scores

Mamaroneck Women's League

	Won	Lost
LTO's	25½	10½
Twisters	21	15
Chatterboxes	18	18
Screwballs	17½	18½
Lucky Strikes	17½	18½
Lovely Ones	17	19
Beautiful, Inc.	16½	19½
Running Spares	15	21

In the team high series the **LTO's** took a first place with 1547, second place went to the **Twisters** with a 1404, third place went to **Beautiful, Inc.** with a 1373. In the team high game, the **LTO's** netted a 577, the **Twisters** a 502, and the **Lonely Ones** a 482.

In the individual high series, **D. Guadagnolo** took first place with a 494, **M. Horton** placed second with a 427, third place went to **L. Raynor** with a 417. In the high game competition, **D. Guadagnolo** carried another first place with her 188, second place went to **E. Morey** with her 174. A 169 netted **G. Doyle** a third place.

Nyack Scores

	Won	Lost
Three Slides	31	11
Framettes	24	18
Electrons	22½	19½
Relays	21	21
Wirettes	19	23
200K's	14½	27½

The **Wirettes** took a first place with their 114 in the team high series. The **200K's** netted a second place with a 1075 with third place taken by the **Three Slides** with a 1049. In the team high game competition, the **Three Slides** netted a 394, the **Electrons** a close 389 with third place going to the **Wirettes** with a 386.

In the individual high series, **E. Morina** took first place with a 493, **L. McCoy** placed second with a 474, third place went to **B. Yudiskas** with her 411. In the high game competition **E. Morina** netted another first with an unchallenged 193, **L. McCoy** took second with her 179, third place went to **E. McCoy** with a close 175.

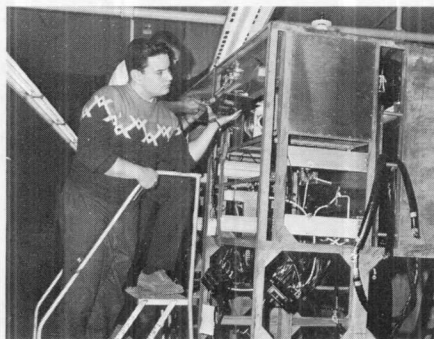
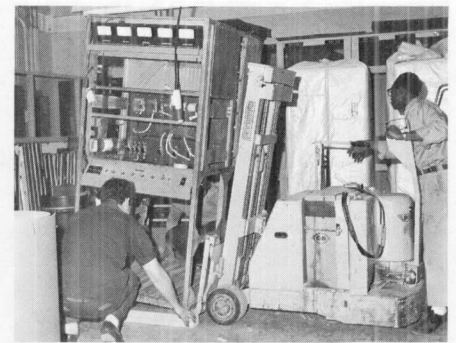
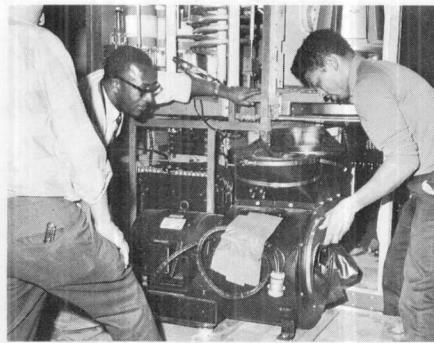
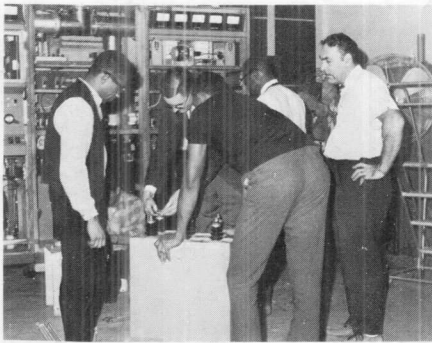
Men's Bowling League

	Won	Lost
King Pins	38½	29½
Tech-Mates	38½	29½
Strike Outs	37½	30½
D's and C's	37	31
Rockets	36	22
Soaps	36	22
Finks	35	33
Luck Strikes	34½	33½
Wood Choppers	31	37
Blockbusters	30½	37½
Little Ceasars	30	38
Corn Balls	23½	44½

In the high team series competition the **King Pins** took first place with their 2081, placing a not-to-distant second was the **D's and C's** with a 2052. The **Rockets** took third with a 2036. In the individual high game series competition the **D's and C's** netted a first place with 795, **Tech-Mates** placed second with a 738, followed closely by the **Rockets** with a 734.

In the individual high series **R O'Malley** took first with 628, **R. Lalla** placed second with 621 with **M. Guadagnolo** grabbing a close third with his down under 617. **A. Bouquet** took first place in individual high game competition with a 254 with **J. Costellano** snapping at **Bouquet's** heels with a 250. Third place went to **M. Guadagnola** with a 239.

A GPT-200K IS SENT ON ITS WAY



Have you ever wondered how they put together the GPT-200K, TMC's monster-sized 200,000 watt transmitter. Well, it's no small feat. Just the other day, however, an entire transmitter was completely disassembled and shipped overseas. In the short space of 2½ days, about 20 men at the Nyack plant, armed with nothing more than a few basic tools, took it apart, packed it in 65 various size crates, and sent it on its way. The entire operation, as illustrated in these pictures, demonstrated TMC's engineering foresight in developing a transmitter that can be put together so simply.

