

RELAY

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World Radio History

RELAY

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All contributions must reach the editorial office in New York on or before the 15th of each month.

Our Cover

An estimated 750,000 persons saw our exhibit at the U. S. World Trade Fair held in the N. Y. Coliseum May 7-17. The "Dutch Girl" from Holland (we operate a direct circuit there you know) was very happy to have her picture taken at the RCA booth, and so was the photographer.

Incentives

The incentive to buy anything comes about from such things as low price, quality, good design and novelty.

Incentive to produce is supplied by the hope of earning a reasonable profit — a profit sufficient to justify the risk that always goes with enterprise.

In order to create and maintain jobs, goods must be produced and goods must be sold and moved. But without incentives, people do not produce goods nor buy them. All the good-will and good wishes in the world will not build factories nor put goods into the hands of people who want them.

Many good people with the best intentions say that there is no need for profits. But the fact is that profit is the motive for everything we do, in one form or another. If nobody had the motive of profit, the world's work simply would not get done, and the ivory-tower dwellers would have no chance to voice complaints about the "profit system."

We Can Produce —

With our present industrial capacity, it is estimated that we can produce 20 per cent more than we do now, merely by working diligently during the hours we are supposed to work. This would result in more than \$80 billion worth of additional production — enough to increase our output of goods and services several times.



- **Expand Business**
- **Create New Departments**
- **Introduce New Products, Services**

President Burns' Three-Point Program 'Sell Our Way To Higher Volume'

RCA has embarked on a three-point program to "sell our way to higher volume and higher profits."

Addressing shareholders at the 39th annual meeting, RCA President John L. Burns said the program calls for expansion of some existing activities, creation of new departments including one to produce satellites, space vehicles and associated electronic equipment, and introduction of six important new products beginning with a tape cartridge for home music reproduction.

"Our plans," said Mr. Burns, "contemplate our business for the full year 1958 running ahead of the rate for the first three months, and we hope that economic conditions for the nation as a whole will so develop that we will be able to carry out these plans."

Three-Point Program

"We believe," he said, "that the best way out of a recession is to sell your way out. That is exactly what we intend to do — to sell our

way to higher volume and higher profits. To accomplish this goal, we have developed a three-point program.

"First, we are expanding our existing activities that show promise of returning a fair profit.

"Second, we are creating new departments to go after business in certain key areas.

"Third, we are introducing important new products and services that will create new markets."

As the first of six important new products which RCA will put on the market this year, Mr. Burns announced a high-fidelity tape cartridge for home music player-recorders. The first of its kind to be commercially developed, the new cartridge holds enough tape to provide two hours of regular music or one hour of stereophonic music. It can be slipped into place quite simply and eliminates the need for threading magnetic tape from one reel to another. The



RCA President, John L. Burns, shows one of six new products scheduled for 1958 — a high-fidelity tape cartridge which will be marketed this fall for home music players. It will provide up to a full hour of stereophonic music or two hours of monaural.

cartridge will be on the market this fall.

Mr. Burns said RCA's other five new products will be announced one at a time, between now and the end of the year, by the departments that will market them.

"These new products," he said, "will find application in National Defense, in business and industry, and in the home. This is indicative of the broadening uses of electronic products — uses that now extend to virtually every phase of

our daily lives.

"We are confident that these products will open up new markets and new opportunities, not only for RCA but also for the electronics industry as a whole."

New Departments

The RCA President disclosed that the company has established seven new major units, and he described as "perhaps the most significant" the new Astro-Electronic Products Division.

"This Division has been set up to develop and produce earth satellites, space vehicles and their associated electronic equipment," said Mr. Burns. "It is the first unit of its scope and purpose to be established by any electronics company.

"The insistent demands of the Space Age call for scientific and technological skills of the highest caliber. Equipment and systems for space vehicles' navigation, communication and propulsion require the wedding of many branches of scientific thought.

"In establishing the Astro-Electronic Products Division, RCA has been able to enlist a corps of distinguished scientists and engineers from the David Sarnoff Research Center at Princeton. Management and operating skills have been drawn from other RCA activities to assure a fully integrated Division.

Other new units mentioned by Mr. Burns were: Educational Electronics Department, to concentrate RCA's efforts in the market for closed-circuit tele-

vision and other school equipment; Telecommunications Division; Semiconductor and Materials Division; Atomic Energy Services; Model C Stellarator Project to design and build, in conjunction with Allis-Chalmers and Princeton University, a facility for research into controlled thermonuclear reaction; and BMEWS Department to design, install and provide initial operation for the Air Force of a long-range radar net called the Ballistic Missile Early Warning System.

Mr. Burns said that although it is too early to determine the exact size of the BMEWS project, it represents billings of more than \$400,000,000 over the next several years. It is the largest single defense contract in RCA's corporate history.

Automation

While RCA is moving ahead aggressively in color television and other consumer products, it is making even broader gains in different sectors of electronics. One of the most promising fields of future growth — and one in which RCA already has an expanding stake — is automation in business and industry.

A new highly adaptable computing system is being placed on the market by RCA. It includes advanced features developed through RCA research.

Up to now RCA has been selling data processing equipment outright. But, at present, several contracts are under negotiation for leasing RCA electronic computers. It is felt that the leasing plan will

open up significant new opportunities for business in the computer market.

National Defense

On the new frontier of missilronics, RCA is expanding and intensifying its activities in research, development, production and service.

For the first quarter, new Government orders have increased by \$130,000,000 over the same period in 1957. For the full year, RCA expects to be about 10 per cent ahead of 1957 when the Government sales ran \$267,000,000 — accounting for 23 per cent of total business.

RCA recently signed a two-year \$5,000,000 contract with the Army Signal Corps to exploit a major breakthrough in electronic miniaturization. This breakthrough is attributable to the development of radically new basic components, which are assembled into micro-modules employing transistors. Through the use of these micro-modules, it is possible to achieve a ten-fold reduction in the size and weight of electronic systems for missiles, earth satellites and field equipment.

To illustrate this reduction, Mr. Burns showed a new RCA experimental radio the size of a fountain pen. It is complete with batteries, antenna and earphone. Its five modules, each about one-tenth of a cubic inch, correspond to the tubes and accompanying circuits of a conventional five-tube radio receiver. The whole receiver weighs only two ounces.

The miniaturization achieved in

the fountain-pen radio, he said, paves the way for heretofore unrealized developments not only in radio receivers but in nearly every other field of electronics as well.

Economic Situation

Discussing the national economy, Mr. Burns said: "A corollary of the softening of general economic conditions has been more intensive competition. Some of our normally higher profit lines, in particular, have been adversely affected.

No larger than a fountain pen, this tiny radio receiver was made possible by a major breakthrough in electronics — development by RCA of miniature circuits replacing the usual tubes and wiring. While the "fountain-pen radio" is still in the laboratory stage, the micro-miniature concept already is being applied in military development.



"Finally, profit margins have been still further limited by two other important factors. They are:

- "1. The continuing increase in wages, and
- "2. The continuing rise in the cost of materials and services.

"An important result of the change in our economy has been sharply decreased earnings in major industries . . .

"Many economists and businessmen believe there will be an upturn in general economic conditions some time during the second half of 1958, and we share this view. Our basic economy is sound! We believe that the impact of easier credit terms, lower inventories and larger defense contracts should be favorably felt during the second half of this year. In any event, RCA is making and will continue to make every effort not only to adjust to conditions over which it has no control, but also to take aggressive steps to assist the economy in emerging from its present state.

"As a nation, however, we must not settle for mere stability. The key to America's high standard of living has been its ability to move ahead at an ever quickening pace — in employment, in productivity, in national output. Today, no less than in the past, we must step up our productivity, cut our costs of doing business, increase our rate of sales. It is not enough for us to sit back and wait for the recession to end all by itself. We must take positive steps to bring about this end."

World's Top Milkman Made it Step-by-Step

Started in small
local dairy

By LOUIS JAMES

America's No. 1 milkman is Elsie, the Borden Cow. Elsie sells over 5 million quarts of Borden milk every day.

If you see Elsie, you invariably associate her with Borden. Studies show that more than 7 out of ten persons make this association. She is better known than many a movie star.

But behind Elsie, and putting her to work, is Borden's real spokesman—Harold W. Comfort, its quiet, unruffled, 60-year-old president.

Runs 140 plants

Comfort certainly gets Elsie to do a lot of mooing and producing because Borden sells more milk under its own label than anybody else. The 100-year-old firm sells over \$900 million worth of products a year, operating more than 140 major plants in 33 states and several foreign countries with a staff of 34,000 employees.

When Comfort took the helm at Borden last year he could jokingly refer to himself as a milk-fed executive. For he has had only one job and purpose in life—to sell milk and ice-cream.



HAROLD W. COMFORT
SKETCH BY LOU JAMES

A native of Brooklyn, as a youngster he was the envy of the neighborhood kids. His father owned a small dairy and young Comfort revelled in milk and ice-cream.

After a hitch in the Navy in World War I and liberal art courses at Yale and Williams College, Comfort took a job — naturally — in the dairy field.

He liked to make and eat ice-cream all right, but he soon concluded he would also like to sell it. He became a top salesman and later rose to sales manager. When Borden acquired the firm 10 years later he was named president of the ice-cream unit.

As suggested by his name, Comfort is a relaxed man. His remark-

ably even temper plus his understanding of the Borden operation soon led him to the top echelons.

"You just don't upset him easily", remarked one of his associates, "even though his job is a nerve-wracker in a highly competitive low-profit margin industry".

Comfort is an exurbanite who commutes daily to his New York office. An early riser, he boards the 7:36 at Greenwich, Conn., opens his Wall Street Journal, and arrives at his office by 8:40.

One lucky day, six years ago, Comfort grabbed his No. 7 iron on the 11th hole of the Round Hill Country Club of Greenwich and spanked the ball 125 yards for a hole in one — his first in 40 years of steady golf. It is reported that his usual serenity took a beating on that occasion.

No time for fishing

Although Comfort is at heart a milkman he firmly believes in product diversification. In the past year Borden has continued to expand and has also become a sizable chemical producer. Today, for example, Borden produces Brazil's entire supply of formaldehyde.

In the food field, Borden expanded its research activities by opening a new million dollar research lab in Syracuse. The lab is staffed with 50 technicians.

All this makes Comfort's job more complex, but he admits "we function so smoothly I have plenty of time to read reports and analyze trends".

"But", he adds wryly, "I haven't much time to go fishing".

Paraguay-U.S. Circuit Inaugurated by Nixon

May 4 — In ceremonies held today in Asuncion, Paraguay, Vice President Richard M. Nixon officially inaugurated the first radiotelegraph service ever established between that country and the United States.

This latest addition to our world-wide system now provides the only direct means of radio communication between the two nations and links our facilities with those of the National Telecommunications Administration of Paraguay.

Mr. Nixon directed the first message flashed over the new circuit to Senor Persio Da Silva, Charge D'Affaires at the Embassy of Paraguay in Washington, D. C. In his reply, which was immediately transmitted to the American Embassy in Asuncion, Senor Da Silva said in part, "Permit me, your excellency, to reciprocate the sincere greetings which you extended to me on the propitious occasion of the first direct radiotelegraph service between our two countries initiated by RCA. I am sure the service will be of mutual advantage and especially a great help for Paraguay's communication system."





Sarnoff Presents Achievement Awards

Winners of the first David Sarnoff Outstanding Achievement Awards for Science and Engineering. Dr. Albert Rose (left) and David K. Barton, received gold medals from Brig. General David Sarnoff, Chairman of the RCA Board. Dr. Rose, member of RCA Labs, was honored "for basic contributions to understanding and utilization of photoelectric phenomena". Mr. Barton, RCA Defense Electronic Products, "for important contributions to precise tracking radars."



People and Jobs

The following changes on the staff were announced last month:

Antonio Vicente from Messenger to Traffic Clerk, Manila.

Amelia R. Maxwell from Office Ass't, PO&S to Office Ass't., Commercial Research.

Joseph A. Tarantino from Records Clerk to Confidential Clerk, Personnel.

Ignacio Rodriguez Pena from Ass't. to Commercial Manager, C.T.R.C. to Commercial Representative, San Juan, P. R.

John P. Keegan returned from Military Leave assigned Service Writer, San Francisco.

Frank Annunziata returned from Military Leave assigned Automatic Operator "D" Office.



Edward G. Paynter appointed Manager Wage and Salary, Organization Development.



Charles F. Valentine appointed Administrator, Insurance and Retirement.

John M. Golden from Technical Supervisor, San Juan, P. R., to Technical Supervisor, CRO, New York.

Hayward P. Lagonterie from Signal Chief to Technical Supervisor, CRO, New York.

Edward E. Perry from Signal Chief to Technical Supervisor, CRO, New York.

Adam V. Sulkowski from Signal Chief to Technical Supervisor, CRO, New York.

Eileen G. Sexton from Executive Secretary Operations-Headquarters to Secretary, Executive Offices RCA, Radio City.

Anna Neglia from Cashier Clerk, Treasurer's to Personnel Clerk, Personnel.

Phyllis L. Hanwick from Station Clerk to Secretary, Riverhead.

Most Exciting Town And Vacation Resort

Imagine spending your summer vacation in New York City!

To those of us who live or work here, the idea sounds fantastic. Yet, the average New Yorker has never been to the Statue of Liberty, the United Nations, or the top of the Empire State Building.

New York City means a thousand and different things to a thousand different people. To the art lover, it is a fascinating center of outdoor art exhibits, concerts, drama festivals and famous museums; to the sports enthusiast it is still a haven of major league baseball (sans the Giants and Dodgers), day and night racing, deep sea fishing, and swimming; to the cosmopolite, it is the home of high fashion, night club glitter, theatrical bright lights, luxurious hotels and delightful restaurants; and to the average sightseer it is a breathtaking montage of tall buildings and bright lights, ocean liners slipping in and out of the world's greatest harbor, quaint neighborhoods and beautiful parks.

If good music is your dish, the outdoor concerts at Lewisohn Stadium is a must. Here for as little as 50¢ admission you can enjoy some of the world's most famous symphony orchestras, soloists, jazz groups and opera companies. In Central Park, there will be the traditional concerts on the Mall and a World Jazz Festival on June 29. Out at the beautiful Ma-

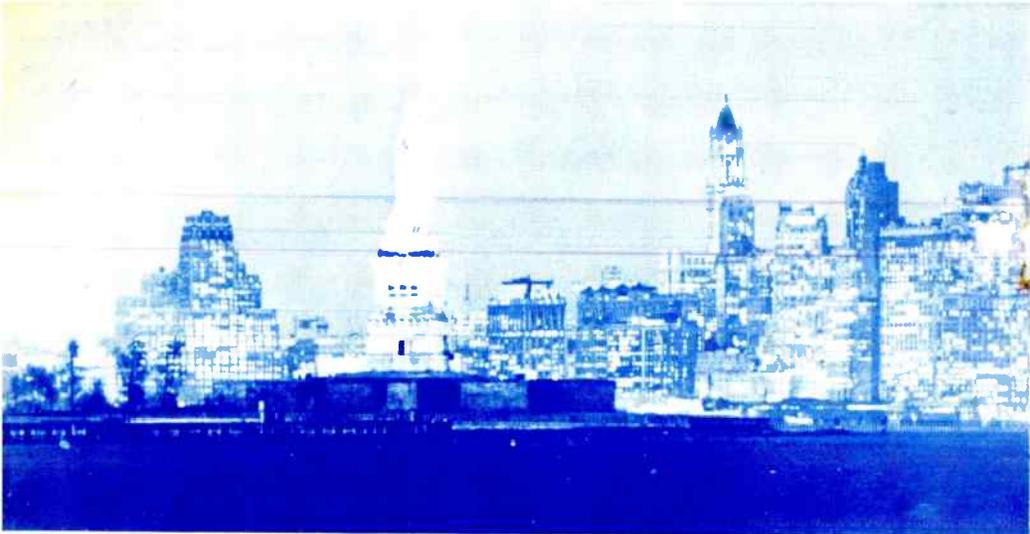
rine Stadium on Jones Beach, Guy Lombardo will present "Song of Norway" as another of his extravagant musical productions.

During the months of June and September art lovers will find the streets surrounding Washington Square in Greenwich Village, transformed into an outdoor art gallery. Here you may browse along block after block of interesting paintings, putter in tiny curio and craft shops.

If you're a family man, summertime in New York is especially exciting for children, particularly when the itinerary calls for a trip through Central Park via a horse drawn hansom cab. Included in the beautiful 840 acres is a small zoo, and a reservoir flanked by the Museum of Art on the east side and the Museum of Natural History and the adjoining Hayden Planetarium on the west.

If you're still on a jingle with the children don't overlook the Bronx Zoo, one of the world's largest. Of special interest is the authentically detailed African Plain which is constructed on an island and inhabited by lions, tigers, bisons, elephants, giraffes, camels, monkeys and some rare African birds.

For a relaxing, pleasant way to see the island, a three-hour sight-seeing boat ride around Manhattan or a cruise up the Hudson are favorites of visitors and natives alike. There are also many inter-



esting sightseeing bus excursions to acquaint you with many sections of the city.

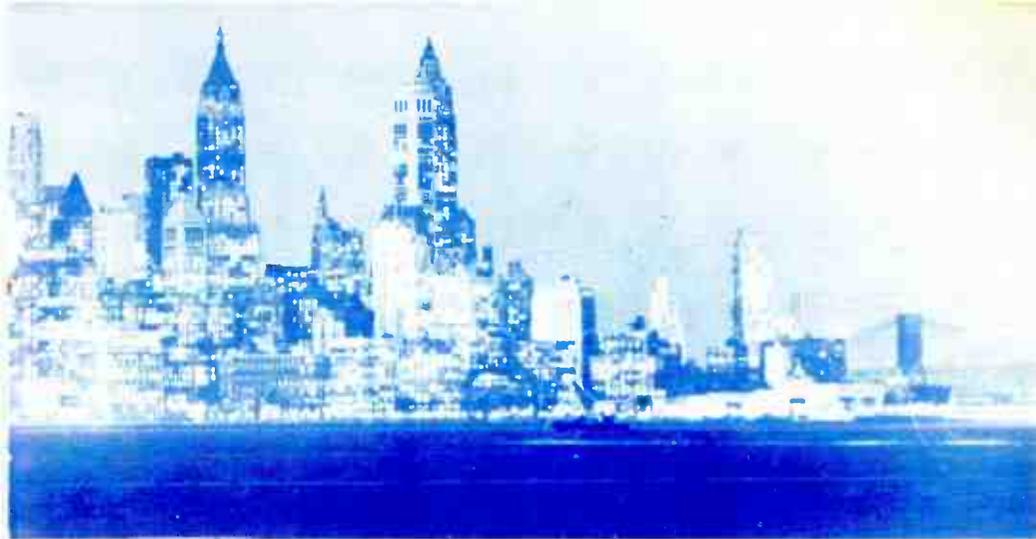
In Manhattan, there are five sightseeing attractions which rank as top wonders of the world. The shimmering Empire State Building, 1,250 feet high, topped with a 222 foot television tower which can be seen miles away in New Jersey, Pennsylvania, and upper New York State on a clear day, is the tallest building in the world.

Rockefeller Center, the city within a city, is composed of a group of 15 buildings which occupy an area of about 12½ acres. The development is offset by the lovely Channel Gardens, Prometheus Fountain, and the cheerful canopied tables of the outdoor restaurant in the Lower Plaza. Tallest of the buildings is the

RCA Building, largest privately owned office building in the world, with an observation deck on the 70th floor which affords a breathtaking view of the city and surrounding suburbs.

NBC, which leases more than half a million square feet of space in Rockefeller Center, offers an hour long tour of its 58 radio and television studios. Here visitors are taken behind the scenes by courteous, competent guides who will explain the inner-workings of the National Broadcasting Company.

Over on the banks of the East River is the majestic United Nations Building, which has gained for New York the title, "Capital of the World". Tours are conducted daily through the 39-story Secretariat Building and the adjoining shallow-domed General



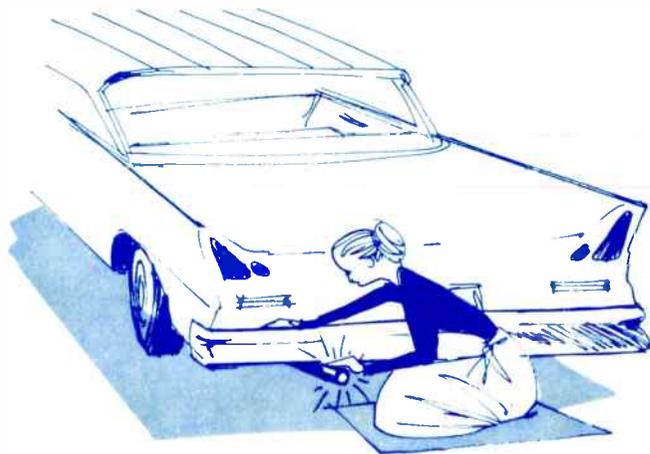
Assembly, where one may attend a meeting and listen to history in the making through multi-language earphones.

One of the best free shows in town is Times Square, if only for the people, the clamor, the bright lights at night and the eye catching spectaculars. Here is the heart of the theater district.

Perhaps the greatest symbol of this country to the free world today is the Statue of Liberty, located on Liberty Island at the entrance to New York Harbor. A nickel ride on the Staten Island ferry affords a wonderful view of the Statue, or the visitor may take a sightseeing boat directly to the island and pay the "first lady of the harbor" a personal visit.

So, don't sell this island short when you plan your vacation this year!





Tell-Tale Tail Pipe

If your car seems to be using too much gas, running rough or losing power, you can learn a lot about the trouble by looking at the exhaust pipe. Grayish white deposits on the tail pipe are a sign of good combustion. But an oily black deposit often indicates the engine is burning oil. Better have it checked by a good mechanic, for it could be due to worn piston rings.

Dry, black, sooty deposits are a clue to a rich mixture, usually caused by faulty or improperly adjusted carburetor or choke. A dirty air cleaner can also cause overrich fuel-air mixture (that is, too much gas for the amount of air being used).

This sooty exhaust may also indicate incomplete combustion, usually caused by worn or fouled spark plugs. When a spark plug fails to fire, some of the unburned

fuel drips into the crankcase, where it mixes with the engine oil. Anybody who has used cleaning fluid, even gasoline, to wash away oil or grease knows how effective it is. But here's a time when you want to keep all the oil exactly where it belongs — on the cylinder walls as a lubricant. Without that protective film of oil, the metal parts rub against each other causing friction and heat. The result is serious engine wear.

In this case, you might find yourself facing the expense of having your car's engine rebuilt. And that's no maintenance fee, that's a major expense!

Wasted gas, diluted oil and accelerated engine wear can cost a lot of money and worry. So heed this tip and remember to take a close look at the tell-tale pipe.

news in brief

Indiana State Police have signed a contract with RCA for a 228-mile northern extension of its present 51-mile microwave radio system.

The RCA microwave system will link widely scattered state police units as far north as South Bend with headquarters at Stout Field, Indianapolis. It will provide the various state police centers not only with voice communications, but will also enable them to utilize other means of communication such as teleprinter and facsimile.

* * * * *

A segment of the "electronic highway of tomorrow" went into operation at the David Sarnoff Research Center of the Radio Corporation of America at Princeton, New Jersey, last month.

Cars entering the grounds of the research center, headquarters of RCA Laboratories, passed over electronic loops buried in the entrance road. Transistorized detector units connected to the loops counted each of the passing cars, measured the speed of each, and flashed a polite warning saying "Slower Please" to every driver exceeding the posted speed limit.

The new equipment is a transistorized variation of the comprehensive electronic vehicle control system developed earlier by RCA

and demonstrated last year at Lincoln, Nebraska, in cooperation with the Nebraska Department of Roads. At Lincoln, the system showed its ability to guide cars automatically along the highway and to provide electrical signals for the automatic control of braking and steering.

* * * * *

RCA will establish, in collaboration with New York University, a unique \$100,000 Educational Television Workshop to develop and disseminate the most effective television teaching techniques for the nation's schools. The company will also support a University Professorship in Educational TV at NYU to provide supervision for the Workshop.

The primary aim of this project is to serve the public schools of the United States and to benefit all education. The Workshop will bring together the best ideas of professional educators, responsible laymen in the education movement, broadcasters and experts in the graphic arts.

* * * * *

Two new high-temperature devices will point the way to smaller and more compact radar equipment, electronic computers and control systems for aircraft and missiles.

One of the devices is a micro-wave diode for use as a high-frequency detector in radar systems and as an ultra-high-speed switch in computing systems. The other device is a power rectifier for use in a wide variety of electronic circuits.

The development of these and other new semiconductor devices will reduce substantially the problem of cooling in the design of many electronic systems, permit packing components more closely together or to operate equipment of present design at higher power levels. The result can be greater miniaturization of many types of equipment, as well as improved operation.

* * * * *

A transistorized remote control system that will enable a dispatcher to regulate the pipeline flow of natural gas and petroleum from up to 100 widely-scattered wellheads is in an advanced stage of development by RCA's Industrial Electronic Products Division.

The RCA system can be applied not only to pipeline control but to public utility field and industrial production control. However, it was designed specifically to meet a need of gas and petroleum handlers.

* * * * *

Changes in "The Star-Spangled Banner" that would make it more singable, as proposed by NBC's Paul Taubman, were included in a bill introduced in Congress by Rep. Herbert Zelenko (D.-N. Y.).

Taubman's suggested revision

would lower, by two tones, 13 notes in the phrase beginning "And the rockets red glare . . ." and lower, by two tones, the last five notes in the phrase, "O'er the land of the free . . ."

* * * * *

A new type of microphone of extremely light weight and greater sensitivity than any previous types, has been developed by RCA for television and motion picture sound pickup.

The new device weighs only three ounces and measures one and one-quarter inches in diameter and three inches in length.

* * * * *

David Sarnoff Fellowships for graduate study in the 1958-59 academic year have been awarded to ten RCA employees.

The Fellowships are valued at approximately \$3,500 each. The grant includes full tuition and fees, \$2,100 for living expenses, and \$750 as an unrestricted gift to the university. Although appointments are for one academic year, each fellow is eligible for reappointment.

The David Sarnoff fellows were selected on the basis of academic aptitude, promise of professional achievement, and character. They will pursue graduate studies in chemistry, physics, engineering science, electrical engineering, economics, business administration, and dramatic arts.

Recipients of the awards currently are employed by various divisions and subsidiaries.

Emblem Awards



For June



Charles Mulle
New York
35 Years



John H. Mundo
Point Reyes
35 Years



August Freund
Rocky Point
35 Years



Henry Goldblatt
New York
35 Years



Wayne C. Jackson
New York
30 Years



George Thomson
New York
30 Years



Francis M. Mulvey
New York
30 Years



Elmer Klahn
Rocky Point
30 Years



William Eastman
New York
30 Years



Floyd James
Manila
25 Years



Michael J. DeGuida
New York
25 Years



George Reid
New York
20 Years



Richard H. Thomas
New York
20 Years

Annual Family Picnic Set For September 13

The annual family picnic for employees and members of their immediate families will be held at the Platzl Brauhaus, Ladentown, New York on Saturday, September 13, 1958.

This year we plan a basket party type picnic, so bring your own picnic lunch. Everything else will be on the house — bus transportation, beer, soda, swimming, free gifts for the children, door prize, and late in the day a snack bar will serve free frankfurters and hamburgers.

There will be no charge for tickets, but everyone must obtain a ticket to be admitted to the park. You must also have a ticket to be eligible for the drawing of the door prize — an RCA portable TV set.

Due to the increase in attendance for the past few years we must limit the distribution of tickets to employees and members of their immediate families — no outside guests will be admitted.

Watch company bulletin boards for more complete details.

Give Blood, July 16

The American Red Cross Blood-mobile will visit the N. Y. Offices on July 16 to accept donations to the Company-Union Blood Bank.

Remember, this program makes it possible for you, and members of your family to receive life-saving blood whenever the need arises.

Give blood on July 16, so others might live!



Kenneth Ryan, Sales Representative EX Office was married to Nancy E. Weir at All Saints' Episcopal Church in Bayside, N. Y., on April 26.

John Cosenza, Automatic Operator "D" Office spent his honeymoon at the Casablanca Hotel in Miami Beach, Fla., following his marriage to Ann Loverdi on April 12.

Abraham Andrews, Mux Operator, CRO, married to Ruth D. Ginyard, on April 6.



Leonard La Rocco, Radio Operator, CRO, a daughter, Mary Louise. Born, April 2.

Dorothy Schiano, Secretary PO&S on Maternity Leave, a boy, Conrad Louis. Born, April 6.

James Reese, Automatic Operator, CRO, a daughter, Deborah Marie. Born, April 23.

Howard Zweigbaum, Radio Operator, CRO, a son, Scott Hugh. Born, April 30.

Secretaries Have Their Day

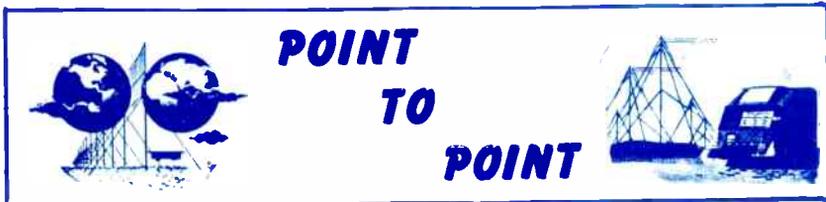


In many divisions and departments of the Company the "boss" paid tribute to his Girl Friday by taking her to lunch and saying it with flowers. Marilyn Picciano, (left) Secretary to the Ad Manager, admires bouquet of roses from the "boss." Controller Ed Peterson (right) pins a corsage on his secretary, Catherine C. Glasser.

Good Ideas Pay Off

A suggestion to change-over manual operation to machine operations in the IBM Section, earned a \$100 award. Michael J. Cafiero, Manager Traffic Accounting, presents a check for \$50.00 each to J. P. Cairney (left) and T. Muscarella (right) who jointly submitted the idea.





ROCKY POINT

By Bob Oliver

Now that old man winter is behind us vacations are in the news again. Arline Martin made her headquarters at North Miami Beach and also took in the sights at Key West. Enroute home she stopped off at historic Williamsburg, Va.

Our EC Harold A. Taylor toured Virginia with his wife and three children, visiting Williamsburg, Jamestown, and Natural Bridge.

Arnold Fladhammer also was seen vacationing in Williamsburg, Va.

Tony deBruyn sent a card from Fort Hood, Texas informing us that the snakes down there are very large. Isn't everything big in Texas?

Alfred Tetrault, who was with us back in 1954-55, is once again a member of the Rigging crew. Welcome back, Fred!

Johnny Schaub is very excited about his new house now under construction at Terryville, Long Island, talks about nothing else.

Heartiest congratulations to the Allen Brownings who became the parents of a son, James. The baby weighed 12 lbs., 9 ozs., and has the distinction of being only one ounce under the all time weight record

at the Mather Memorial Hospital in Port Jefferson.

By the time this goes to press one of our old timers will have retired. John Swezey left us on May 30 after 36 years of service. He was hired by RCA in 1922 and always worked here at RP. John worked for the construction company that erected the original buildings here in 1921. You might say he was in on the ground floor. He plans to spend his winters in Delray Beach, Florida, during the summer months he will call Port Jefferson his home. Good luck to you, John.

RIVERHEAD

By Phyllis Hanwick

Franklin Kennell bought a new power lawn mower and the machine developed a leak in the tank, first time around. You should hear what Franklin has to say about automation!

Bud Lindsay took an early vacation (first part of May) so he could seed his lawn. Well, you remember the torrents of rain we had just about that time. Seems the grass is now growing out in the middle of Bud's street!

Congratulations to the Lennie Nedosik's who recently celebrated

their 25th wedding anniversary.

Spring is really here — Jimmy Raynor is now engaged, ditto Wes Rose who will be hearing wedding bells before too long. Congrats to you both.

Connie Mattie, our popular Relay correspondent for RD, has taken a leave of absence to care for her ailing mother. We wish Connie's mother a speedy recovery.

We are taking over in Connie's absence, so if you have any news for this column please send it along.

Elliott C. Rundquist, now retired, paid us a visit recently. Life in retirement must be agreeing with him, he looks hale and hearty.

Tom Monahan is still talking about his Havana vacation. Says Cuba is a great place for sunshine and señoritas.

WASHINGTON

By Robert E. Hurley

Thanks to the efforts of Earl Wilkinson the Washington Chapter of the Morse Telegraph Club's annual banquet was a huge success. Toastmaster Calvin D. Johnson, former Congressman from Illinois, read messages of greetings from President Eisenhower, Former President Herbert Hoover, Secretary of State John Foster Dulles, Secretary of Defense Neil



McElroy, Maj. General Frank E. Stoner, Brig. General David Sar-noff, and Dr. John Oliver La Gorce. All of the messages were then sent by telegraph over a nation-wide Morse hookup to chapters in other parts of the country.

Vacation Notes: Lee Morgan just back from basking in the sunshine at Fort Lauderdale, Fla. . . . Don Gates taking a much needed rest right here at home . . . Joe Ridge and Mike Shaw spent their time on the local golf courses, and have much lower scores now to prove it.

We were all very happy to learn that Frank Caputo's daughter, Darla Rae, came through her recent hospitalization and surgery with good results.

TANGIER

By Tovar-Guerrero

We are sorry for our long absence from the pages of RELAY, but we will try to keep you better informed on Tangier in future issues.

Fishing is the general sport here, and heated discussions about who caught the biggest fish goes on without end. The two champions are Martinez and our Supervisor, Lugnani. Bartolo who taught them all they know about fishing has been left behind by his pupils.

Continuing to introduce some of the personalities here at the transmitting site we have, Quast, the quiet man, whose main pre-occupation is his amateur station and the quantities of QSL's he receives daily. It is not convenient to write

about Enea because he may become annoyed, and we happen to know his passion for Judo! On the other hand, we have Beltran, who belongs to the new generation devoted to speed. There is no road on which he can saturate his 5 hp. car, although Pagan rivals him at the steering wheel with his flaming Studebaker.

The photograph accompanying this article was taken by Cebrian who, among other things, is a top-notch photographer (*Editor's Note*:

We hope to see more of Cebrian's pictures in Relay!)

Perhaps in the near future a new type of antenna will be developed by Simony, who is always very busy with his amateur radio equipment.

And last, a word about the authors of this column. We are new arrivals to RCA, and mere youngsters. I, Tovar, am presently absorbed in books about the F.B.I. while my colleague, Guerrero, has a passion for 'Rock and Roll.'

First Photo From Tangier In Two Years!



Meet some of the members of the Tangier transmitting station staff. Standing (l. to r.): Jose Guerrero, Sjoerd Quast, Adriano Lugnani and Armand Simony. Kneeling (l. to r.): Sal Palamo, Jose Tovar, E. Martinez, Leslie Leigh and Dennis Mellard.



Their Future and Yours Depend on Our Colleges

As Americans, all of us are proud of our national growth. But it is a sobering thought that the number of young men and women who want and deserve a college education will *double* by 1967.

Right now our colleges and universities are making a valiant effort to take care of the hosts of eager-eyed young people who are *already* clamoring for admittance. They have an enormous job to do, for the necessary expansion is far more than a matter of adding classrooms, laboratories and dormitory space. There must be a corresponding increase in faculty and in faculty caliber. The profession of college teaching must attract more first-rate men and women or it will be in danger of turning out second-rate graduates.

This problem of the capacity of our colleges to meet the challenge that is now upon us is vital not only to students and their parents but also to business—to industry—and to *you*.

It is easy to point to current shortages of engineers and scientists. Less obvious but just as pressing is the need for civic leaders—for teachers—for business administrators—for home-makers. Above all there is a need for people who have learned to think soundly and choose wisely. They are and will continue to be the backbone of our strength as a nation.

Freedom needs educated people. In this country, those who lead are those who *know*. Help the colleges or universities of your choice—now!

If you want to know more about what the college crisis means to you, send for the free booklet "The Closing College Door" to: Box 36, Times Square Station, New York 36, N. Y.



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