

SERVICE
AN RCA FAMILY PUBLICATION



Seven Reasons Why
(see pages 3-4)



SERVICE
COMPANY SENDS
CORDIAL CHRISTMAS
GREETINGS
TO ITS MANY LOYAL
EMPLOYEES

WITH SINCERE WISHES FOR
HEALTH AND HAPPINESS IN 1961



December, 1960

RCA SERVICE COMPANY



SERVICE

Vol. 16

No. 8

December, 1960

Published for the employees of the RCA Service Company—a division of the Radio Corporation of America—with home offices at Cherry Hill, Del. Twp., New Jersey

Editor
J. GRUBE

Personnel Dept., Bldg. 201-1
Cherry Hill, Del. Twp., Camden 8, N. J.

Your attention is directed in particular this month to the article reprinted on pages 3 and 4 of this issue.

The material is adapted from the book "Man Does Not Stand Alone", written by A. Cressy Morrison, former President of the New York Academy of Sciences.

It first appeared in the December 1946 issue of The Reader's Digest, and was repeated by them in the October, 1960, issue at the special request of Brig. General David Sarnoff, Chairman of the Board of the Radio Corporation of America.

Greetings . . .

In the warm spirit of Christmas, I extend hearty best wishes to the RCA Service Company family, and add the hope that abundant good health and prosperity may be yours in the New Year.

The year we are closing has been outstanding for our Company in numerous ways. Government Services has once more delivered a year-end record of prodigious scope. The recent assumption of responsibility for the "White Alice" project in Alaska is but one of many accomplishments in 1960 in the broad areas of global defense.

During the past year, the Electronic Data Processing Service department of Commercial Services centralized its activities in new accommodations at Cherry Hill. It now has locations at forty-three maintenance sites, and anticipates rapid growth in the application of RCA's data handling systems to the field of automation.

Our Consumer and Technical Products departments maintained their leadership in the extensive markets of service to homes, industries, and institutions. These two enterprising groups are the foundation on which the Company was built. They progressed substantially in 1960 through a variety of new activities in the expanding realm of Commercial Services.

The Institutes branched out in 1960 with a new school—now established, staffed, and operating on the West Coast—a project which will provide the industry with electronics engineers and technicians trained to RCA's high standards.

The Staff Divisions, whose contributions through support of the business at hand is often overlooked, have met the challenges of the evolutionary year well. One of the milestones reached was the establishment of Service Company's own 501 system. This task required careful management of many complexities introduced by the transition.

To one and all, for your part in Service Company's eventful year, my sincere thanks.

Cordially,

A. L. CONRAD

President, RCA Service Company

SEVEN REASONS WHY

A Scientist believes in God

Contribution by The Reader's Digest from the book "Men Don't Stand Alone" by A. Cressley Morrison, copyright 1944, and published by Fleming H. Revell Co., Westwood, N. J.

by A. Cressley Morrison

We are still in the dawn of the scientific age, and every increase of light reveals more brightly the handiwork of an intelligent Creator. We have made stupendous discoveries; with a spirit of scientific humility and of faith grounded in knowledge we are approaching ever nearer to an awareness of God.

For myself, I count seven reasons for my faith:

First: *By unwavering mathematical law we can prove that our universe was designed and executed by a great engineering Intelligence.*

Suppose you put ten pennies, marked from one to ten, into your pocket and give them a good shuffle. Now try to take them out in sequence from one to ten, putting back the coin each time and shaking them all again. Mathematically we know that your chance of first drawing number one is one in ten; of drawing one and two in succession, one in 100; of drawing one, two and three in succession, one in 1000, and so on; your chance of drawing them all, from number one to number ten in succession, would reach the unbelievable figure of one in ten billion.

By the same reasoning, so many exacting conditions are necessary for life on the earth that they could not possibly exist in proper relationship by chance. The earth rotates on its axis 1000 miles an hour at the equator; if it turned at 100 miles an hour, our days and nights would be ten times as long as now, and the hot sun would likely burn up our vegetation each long day while in the long night any surviving sprout might well freeze.

Again, the sun, source of our life, has a surface temperature of 10,000 degrees Fahrenheit, and our earth is just far enough away so that this "eternal fire" warms us just enough and not too much! If the sun gave off only one half its present radiation, we would freeze, and if it gave half as much more, we would roast.

The slant of the earth, tilted at an angle of 23 degrees, gives us our seasons; if the earth had not been so tilted, vapors from the ocean would

move north and south, piling up for us continents of ice. If our moon were, say, only 50,000 miles away instead of its actual distance, our tides might be so enormous that twice a day all continents would be submerged; even the mountains could soon be eroded away. If the crust of the earth had been only ten feet thicker, there would be no oxygen, without which animal life must die. Had the ocean been a few feet deeper, carbon dioxide and oxygen would have been absorbed and no vegetable life could exist.

It is apparent from these and a host of other examples that there is not one chance in billions that life on our planet is an accident.

Second: *The resourcefulness of life to accomplish its purpose is a manifestation of an all-pervading Intelligence.*

What life itself is, no man has fathomed. It has neither weight nor dimensions, but it does have force; a growing root will crack a rock. Life has conquered water, land and air, mastering the elements, compelling them to dissolve and reform their combinations.

Life, the sculptor, shapes all living things; an artist, it designs every leaf of every tree, and colors every flower. Life is a musician and has taught each bird to sing its love song, the insects to call one another in the music of their multitudinous sounds. Life is a sublime chemist, giving taste to fruits and spices, and perfume to the rose, changing water and carbonic acid into sugar and wood, and, in so doing, releasing oxygen that animals may have the breath of life.

Behold an almost invisible drop of protoplasm, transparent, jellylike capable of motion, drawing energy from the sun. This single cell, this transparent mist-like droplet, holds within itself the germ of life, and has the power to distribute this life to every living thing, great and small. The powers of this droplet are greater than our vegetation and animals and people, for all life came from it. Nature did not create life; fire-blasted rocks and a saltless

sea could not meet the necessary requirements.

Who, then, has put it here?

Third: *Animal wisdom speaks irresistibly of a good Creator who infused instinct into otherwise helpless little creatures.*

The young salmon spends years at sea, then comes back to his own river, and travels up the very side of the river into which flows the tributary where he was born. What brings him back so precisely? If you transfer him to another tributary he will know at once that he is off his course and he will fight his way down and back to the main stream and then turn up against the current to finish his destiny accurately.

Even more difficult to solve is the mystery of eels. These amazing creatures migrate at maturity from ponds and rivers everywhere—those from Europe across thousands of miles of ocean—all bound for the same abyssal deeps near Bermuda. There they breed and die. The little ones, with no apparent means of knowing anything except that they are in a wilderness of water, nevertheless start back and find their way not only to the very shore from which their parents came but thence to the selfsame rivers, lakes or little ponds. No American eel has ever been caught in Europe, no European eel in American waters. Nature has even delayed the maturity of the European eel by a year or more to make up for its longer journey. Where does the directing impulse originate?

Fourth: *Man has something more than animal instinct—the power of reason.*

No other animal has ever left a record of its ability to count ten, or even to understand the meaning of ten. Where instinct is like a single note of a flute, beautiful but limited, the human brain contains all the notes of all the instruments in the orchestra. No need to belabor this fourth point; thanks to human reason we can contemplate the possibility that we are what we are only because we have received a spark of Universal Intelligence.

(Continued on next page)

called from Corporation offices
and other sources of RCA news.



RCA Information

Sales of products and services of the Radio Corporation of America for the first nine months of 1960 achieved a new record of \$1,061,000,000, an increase of eight per cent over the same period of 1959, according to an announcement by Chairman of the Board David Sarnoff, and President John L. Burns.

However, a substantial investment in electronic data processing, required to meet the unprecedented demand for these systems, brought net profit after Federal income taxes to twelve per cent below the comparable figure for 1959.

Salesmen operating in the far corners of a 1600-acre real estate development near the California shoreline of Lake Tahoe are coordi-

nating their efforts by means of RCA Citizens Band two-way radios installed in their cars. With some 40 salesmen in the field at one time, there is the possibility that a lot in the tract may be sold more than once.

The radio equipment solves this and other problems with quick, easy, and concise communication.

A closed circuit TV system has been installed by RCA at the Christian Theological Seminary, Indianapolis, to provide graduate and post-graduate training for members of the clergy and laymen in TV broadcasting techniques. The equipment includes a pair of RCA TV cameras and a film camera chain with both film and slide projectors.

A TV studio at Utah State University is being equipped by RCA to turn out tape recorded courses for broadcast to the student body and the home viewer. If present

applications are approved by the FCC, the University will add VHF transmitting facilities, establishing the first link of what is expected to become a state-wide network of educational TV stations.

A 142-mile RCA microwave system spanning a mountainous region of Northwestern Idaho is being installed under RCA supervision as part of a planned state-wide network. It will include circuits for civil defense, law enforcement, highway maintenance, and forestry.

A broad-scale leasing plan now makes such RCA scientific instruments as the electron microscope readily available to laboratories, industrial concerns and educational institutions regardless of their size. In the food and beverage field, the RCA beverage inspection machine and other equipment are also available through leases, putting them within reach of a much wider group of users.

(Continued from previous page)

Fifth: Provision for all living is revealed in such phenomena as the wonders of genes.

So tiny are these genes that, if all of them responsible for all living people in the world could be put in one place, there would be less than a thimbleful. Yet these genes inhabit every living cell and are the keys to all human, animal and vegetable characteristics. A thimble is a small place to hold all the individual characteristics of almost three billion human beings. However, the facts are beyond question.

Here evolution really begins—at the cell, the entity which holds and carries the genes. That the ultra-microscopic gene can absolutely rule all life on earth is an example of profound cunning and provision that could emanate only from a Creative Intelligence; no other hypothesis will serve.

Sixth: By the economy of nature, we are forced to realize that only infinite wisdom could have foreseen and prepared with such astute husbandry.

Many years ago a species of cactus was planted in Australia as a protective fence. Having no insect enemies in Australia, the cactus soon began a prodigious growth; the alarming abundance persisted until the plants covered an area as long and wide as England, crowding inhabitants out of the towns and villages, and destroying their farms. Seeking a defense, entomologists scoured the world; finally they turned up an insect which lived exclusively on cactus, and would eat nothing else. It would breed freely, too; and it had no enemies in Australia. So animal soon conquered vegetable, and today the cactus pest has retreated—and with it all but a small protective residue of the insects, enough to hold the cactus in check forever.

Such checks and balances have been universally provided. Why have not fast-breeding insects dominated the earth? Because they have no lungs such as man possesses; they breathe through tubes. But when insects grow large, their tubes do not grow in ratio to the increasing size of the body.

Hence there never has been an insect of great size; this limitation on growth has held them all in check. If this physical check had not been provided, man could not exist. Imagine meeting a hornet as big as a lion!

Seventh: The fact that man can conceive the idea of God is in itself a unique proof.

The conception of God rises from a divine faculty of man, unshared with the rest of our world—the faculty we call imagination. By its power, man and man alone can find the evidence of things unseen. The vista that power opens up is unbounded; indeed, as man's perfected imagination becomes a spiritual reality, he may discern in all the evidences of design and purpose the great truth that heaven is wherever and whatever; that God is everywhere and in everything but nowhere so close as in our hearts.

It is scientifically as well as imaginatively true, as the Psalmist said: *The heavens declare the glory of God and the firmament showeth His handiwork.*



Did you write?



Best sellers and reference works.



South Pacific on the South Atlantic.



Pigeon over Ascension.



Visiting a rubber plantation and an iron mine.



Liberia is a long way gone.



And a time to pray.

Sometimes they're "On their Off"—Aboard the American Mariner

The *Mariner* is home-away-from-home to Service Company men on DAMP assignment—being RCA Service Company's Downrange Anti-Missile Measurement Program.

On cruises often lasting 30 days, the 10,000 ton laboratory ship tracks the flight of missiles launched from Cape Canaveral to their point of re-entry into the atmosphere and their ultimate plunge into the sea. Among many, she's tracked the Courier, the Echo, the TITAN hearing two monkeys, and the TITAN bearing three mice.

But there's another side to life, adventurous as the work may be. For the off hours of relaxation, the *Mariner* is equipped with a movie theatre, several libraries, a gymnasium, a recreation room, and skeet shooting apparatus on deck.

In the picture story above, supplied by technician/photographer Lloyd F.

Kennedy, Government Services technicians (l. to r.) J. Z. Bell, F. R. Williams, and Equipment Specialist Engineer T. H. Kishimoto make good use of the ship's library. That's Clerk M. I. Nagle, sorting the mail.

Note the ship's recreation room: Hi-Fi Stereo records and tapes, the skeet shooting with Ascension Island as a backdrop, one of several church services at dock-side.

Ashore in Monrovia, Liberia, the men visit Firestone's rubber plantation, and a Monrovia iron mine. Monrovia natives and their dwellings seem a long way from home.

All too soon it's time to return to the serious business of recording the behavior of an inexorable bird in flight, contributing to the quest for improvement in space vehicles yet to come.



The bridge, electronic crow's nest, and a slight list to starboard.

THE EDP ROLLBACK—



The RCA-501, which projected the final election outcome within tenths of a percentage point of the actual results, was the only computer used by the networks that did not project a Nixon victory.

Election returns reaching the NBC News Center in New York by teletype were converted to digital code and transmitted by DaSpan to the New York Electronic Systems Center at 45 Wall Street, where two 501 systems processed the information in parallel.

The same information was transmitted by DaSpan to the RCA-501 Service Center in Cherry Hill as a back-up stand-by service, and the identical program was run and the results compared with those of the computers in New York.

The computer system was prepared for its Election Night role during more than a year of work by a team of 100 mathematicians, statisticians, political scientists, sociologists and other specialists. This "team" stored some 200,000 factors from past elections in the electronic memory of the RCA-501. As actual returns were fed into the computer and applied to these factors, the

RCA-501 made its projections of the final results.

* * *

EDP Service Centers now offer four flexible lease agreements which reduce unit operating costs for customers of RCA 301, 501 and 601 systems. They are:

- (1) *Unlimited availability:* Operation of the equipment seven days a week, other than time needed for maintenance.
- (2) *Extended availability:* Up to 24 hours a day, five days a week, other than time needed for maintenance.
- (3) *Random use:* A maximum of 200 hours, at customer's option, in each calendar month.
- (4) *Single shift availability:* A primary shift of eight consecutive hours per day, five consecutive days a week, designated at the customer's option.

* * *

An EDP Service team is operating at the new RCA-501 Center in Chicago, helping to apply the system's full capacity to individual customer accounting facilities. Service personnel includes programmers, systems analysts, salesmen, and data preparation, clerical and maintenance people.

The new facility is located on the first floor of the Morton Salt Building. It is the fourth in a chain of RCA Electronic Data Processing Systems that ultimately will span the nation.

Even before its dedication in October, the Center was involved in a crash program for the Social Security Administration, in which 22,000,000 punched cards are being converted to magnetic tape. The Chicago Service center was assigned the task of processing about 8,000,000 of them.

* * *

Computer techniques developed for Election Night projections can be used by business in market analysis and sales forecasting—and have already been used to forecast RCA Victor TV receiver sales.

In the past, longhand calculations have been used in such forecasting, and the simplest type of problem took a man two days of steady figuring. For more difficult problems, such calculations would take a week.

Using the computer, the time necessary to run through the problem that took two days was one minute; the problem that took a week by longhand was computed in two minutes.



On November 8, the Cherry Hill 501 Center processed election returns received by DaSpan from the Wall Street Center, as a standby service

to New York. Service personnel attended the system throughout the night-long assignment.

EDP Programmers trained at RCA Institutes

A course to train businessmen and women in the programming of all types of electronic data processing systems is now available at RCA Institutes.

Students completing the course will need no additional training to qualify as programmers for the RCA-501 system. With a few additional weeks of training, they are qualified to program the computer of any manufacturer.

RCA Institutes' President, G. F. Maedel believes that this is the first programming course which takes such an over-all approach to programming principles and techniques. Of the 180 hours of instruction, 40 per cent is devoted to general principles and techniques of programming.

Designated as 501-A, the course is offered on a full-time day basis or in the evenings or on Saturdays as well. It requires six weeks for completion in the Day School, 24 weeks in the Evening School, or 30 consecutive Saturdays. Classes are limited to 30 students.

Applicants for the course must have a high school diploma and one year of business experience such as accounting, office administration, bookkeeping, or data processing; or have satisfactorily completed a tabulating or data-processing course at an approved school; or be a college graduate.

The course includes such subjects as general analysis techniques, charting techniques, numbering systems, on-line and peripheral equipment, and instructions.

In addition to the many exercises and practice problems provided in flow charting, machine coding, data documentation and in automatic programming, students will get a chance to see the actual programming of computers during visits to the RCA Electronic Systems Center at 45 Wall Street.

An advanced 90-hour course, designated 501-B, is also available for experienced computer programmers or others with prior training in the field.

Tuition for Course 501-A is \$250, payable in weekly installments. Tui-

tion for Course 501-B is \$125, also payable in weekly installments.

Memorial Scholarships Awarded

Two memorial scholarships, covering college level courses in Advanced Electronic Technology at RCA Institutes, were recently awarded to Roy Zolnoski, Hicksville (N. Y.) High School, and Thomas A. F. McCann, Chelsea Vocational High School, New York City.

RCA established the scholarships last year, in memory of Charles A. Haimbach, who was killed in Pakistan in 1959 in line of duty with the Government Service Department of the RCA Service Company; and Max S. Feldman, who died in 1959 while serving as Director of the Home Study School of RCA Institutes.

The scholarships are awarded to selected 12th grade students of public or private secondary schools who are recommended by their principals and whose school records are considered outstanding. Providing full tuition for nine school terms of three months each, the award is valued in excess of \$2100.

EDP Home Studies Available

To keep pace with the broad advance in electronic technology, RCA Institutes has added courses in Electronics for Automation to its comprehensive home-study curriculum.

Prepared for the electronic technician who has completed the Institutes' Electronic Fundamentals Course or its equivalent, the Automation courses cover digital techniques, recording and read-out devices, telemetry, automatic control systems, computers, and data processing.

AT THE LOS ANGELES RESIDENT SCHOOL— an RCA Institutes Photo-Story



His first amplifier.



A basic electronics experiment.



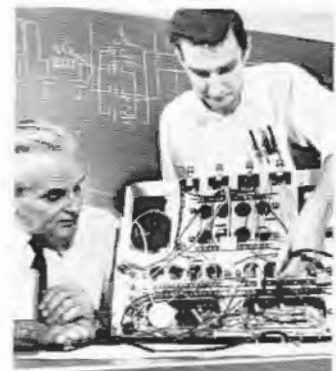
Learning testing equipment techniques.



A basic electrical circuit.



Instruction on the slide rule.



TV servicing.



Egyptian TV assembly operators earned certificates of accomplishment at end of training, and were given a tea party.



(Above) John Engel visits Egypt's ancient wonders, and helps to start (below) Egypt's first TV plant.

Ancient Egypt buys a Television Industry—

The Pyramids of Giza and the desert Sphinx, built by the Pharaohs many thousands of years ago, are shrouded in the mysteries of the centuries and reveal their secrets to no man.

In startling contrast, the looming structural steel of a new RCA television tower now rises from the hills of Mocottum—the articulate symbol of modern man's belief in mass communication.

And therein lies a story, told to us by John Engel who, with Harry Nodell, was "loaned" to RCA International Division by the CPS Commercial Service Technical Publications group, to assist in the establishment of a television industry for the Five-Year Organization of the Egyptian government.

The Cairo TV manufacturing plant, to which the two men were assigned, was built according to RCA specification. It is an ultra-modern, reinforced concrete one-story structure of 18,300 square feet. It employs, in addition to its native management, 26 assembly operators, 6 engineers, and 5 technicians. It produces 50 sets a day against a demand of 200. The set is equivalent to the RCA 210T17.

It was Engel's job to set up the manufacturing process and to instruct the assembly operators (all girls) in production techniques. Of his Spitalny-like assignment, Engel says he found the girls to be extremely intelligent and quick to learn. They all speak both English and Arabic; all are from upper class Egyptian families.

Nodell was responsible for the training of the technical personnel. The engineers are recent graduates of the University of Cairo. The technicians are experienced men who have had previous jobs in electronics. All are competent and enthusiastic.

The work-day is from 8:30 to 4:00 p.m., and there are six in a week. Friday, the day off, is comparable to our Sunday for these people of Mohammedan faith. They wear Western dress, being of the new generation. The old generation (75% of the population) continues to wear the burnoose and veil.

Because the supply of TV receivers is presently limited, the Egyptian government has installed TV sets in the public parks, gardens and other strategic locations throughout Cairo. The populace is attracted to these viewing areas like the bee to honey, and maneuvering is keen for choice positions.

The RCA men lived at the Nile Hilton Hotel, overlooking the muddy Nile River, which runs through the city of Cairo. What passed for American food—with all meats cooked in a heavy oil—drove them to try Egyptian food, which was excellent: grilled pigeon stuffed with wild rice, stuffed grape leaves, Hommis (a type of bean salad), or the traditional Kabab of specially prepared lamb.

Of the city itself, Engel says: "Perhaps one of the strangest of all sensations is the experience of observing camels and Cadillacs traveling down the street side by side, or listening to the roar of a jet plane overhead while watching a donkey cart move slowly down the road. Cairo is a blend of the ancient and the ultra-modern where the young and the old, members of two distinct cultures, work side by side in their determination to build a new, modern city of steel and concrete."

Two other engineers from Consumer Products Services' Tech Publications group—Charles Wilgis and C. E. Walter—are currently in Cairo to train technicians in the servicing of TV receivers, forming the nucleus of Egypt's future TV Service industry.

The Scene Changes in Multiple Sales and Service

The Multiple Sales and Service business, once a matter of installing sets and servicing them, has mushroomed to the big time.

In a rapidly expanding market of hotels and motels, hospitals, schools, and colleges, Service Company is now selling, installing and servicing complete systems which often include many deluxe accessories.

The equipment is available to customers either through outright purchase, deferred payment, or most popularly through a lease plan which covers the entire installation and its regular servicing for literally pennies a day.

To acquaint Consumer Products Service field personnel with the changing scene and its bright prospect in the coming year, Field Sales Manager Bernard Grossman called a three-day meeting of Field representatives from each of the eight regions.

CPS Sales and Merchandising Manager R. W. Redecker welcomed the group to a program that was feature-packed with a "Full Wagon" of plans and product. R. B. Helhoski, Multiple Sales and Leasing Manager, discussed sales methods and techniques, and set the 1961 goals. Special Products Sales Manager W. W. Burr spoke on Hospital sales, Educational TV, the Air-conditioning line, and Whirlpool's Ice Maker.

The group was also addressed by specialists in Accounting, Advertising, Credit, Engineering. New products were covered in detail, with working models explained by Arnold Kothe of Engineering.

A laboratory demonstration (*see center picture at right*) was arranged for the group on two types of amplifiers (*in the cabinet at left*); on 2-way Maid Intercom, Remote Control Hospital TV, Radio Demodulator, and Remote Control Speaker (*grouped on table at left*); the Sound Entertainment Center (*tall panel at right*); and the Room Services Panel and Radio Sound Modulator (*far right*).

Sales strategy for 1961 was mapped, based on a careful analysis of booming potentialities—in a market where most existing hotels and motels are already wired with a multiple outlet antenna system, and almost all new institutional construction includes plans for complete systems.



CPS Field Sales Manager Grossman presents a "Full Wagon".

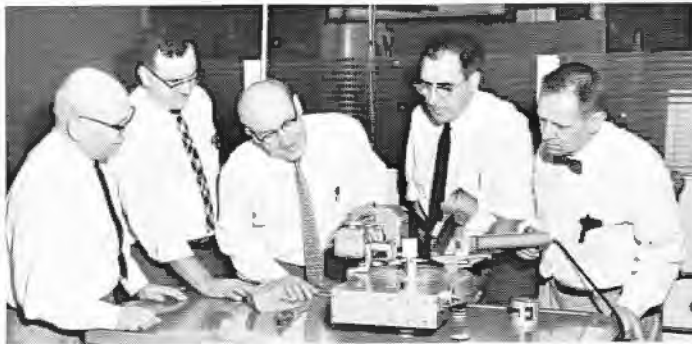


Some products were laboratory-demonstrated.



At the Cherry Hill meeting (l. to r.): (front row) B. Grossman, W. W. Burr, J. W. Walters, R. J. Byrne, E. R. Magnasco, R. J. Gasiorek, H. E. Effer, C. H. Murphrey, R. A. Boff, Jr., E. A. Steinkraus, R. B. Helhoski. (Back row) J. J. Badaracco, Warren Ray, H. S. MacDonald, T. L. Mitarnowski, J. A. Giles, E. T. Strep, E. C. Hardesty, F. I. Cook, R. W. Redecker. Not pictured: A. P. Kanny, B. F. Jordan.

THE COMMERCIAL SERVICES MAILBAG



Crystalloflex X-ray Training Session.



"Speed" Hand (right) with Vice President Borgeson.

TV Tech Elliot Chan (left) and friends.



Service Company engineers G. F. Dunkelman (New York), W. Bell, Jr. (Atlanta) and I & S Specialist E. W. Berger (Pittsburgh) attended the first of three training programs conducted by Tech Products on the installation and care of RCA Crystalloflex X-ray equipment.

The five-day sessions were coordinated by I & S Engineer A. R. Klotzbach who also delivered several of the lectures and prepared the training manual.

The course included studies of the equipment in the IEP laboratory, Camden, where the men were addressed by IEP Sales & Engineering representatives Eric Mayer and D. L. Pierce. Mr. Mayer is associated with the Siemens & Halske Company, German manufacturers of the equipment.

Shown in the laboratory, at left, are: (l. to r.) Messrs. Mayer, Klotzbach, Berger, Bell, Dunkelman.

* * *

"Speed" Hand, legally known as George W., recently celebrated his 25th year of majority and was feted by CPS friends and associates at a luncheon at the Ivystone Inn, near Cherry Hill.

For twenty-one of his twenty-five years, "Speed" was an illustrator with Commercial Services Technical Publications. He is now beginning his second quarter century with Government Services Tech Publications in Westmont, N. J.

* * *

Elliot Chan, of Consumer Products' San Francisco branch, is shown with (l. to r.) Miss Hong Kong, Miss Free China, and the Chairman of the China Town Chamber of Commerce. The versatile Mr. Chan, who will accompany Miss Free China on a two-month world tour, is Principal of the China Town School of Languages; runs a judo school; MC's China Town Theatre Plays; and does a fine job as a TV technician.

* * *

Sales Manager Dave Blackburn, campaigning on a platform of "More Commissions," won over Consumer Products Branch Manager John Gunn in Oakland's own sales election campaign. Though claiming a "rig," the loser shined the shoes of the victorious candidate in public. Picture-wise: (upper left) Candidate Blackburn with Lee Swift, Gin Pixler, Claire Dannar. (Lower left) Office Mgr. Kathy Folk with Troy Rivers, Lyle Wiens, Jim Dundon, Frank Calasopa. (Upper right) Gunn and Blackburn, before the mud slinging. (Lower right) Service Mgr. Ted Thiel with the branch's favorite stock girl, Connie Zablockie.



Oakland, Cal., CPS Branch holds sales election campaign.

-A Page from the Family Album-



CPS Contract Maint. Mgr. Jack Gallagher and Frau at his 20th year party with (center) CPS Sales Mgr. Redecker.



Tech Prods. Op Mgr. Carl Johnson presents 25-year pin to Bdest. Mgr. T. Griffin (third from left). Others: Shirley Oechols, Dorothy Ritchie, Mary Klarich.



Mr. and Mrs. America ensure a Merry Christmas and a happy year ahead.



CPS Flushing Branch Mgr. R. Lindfors with staffers V. McGowan, I. Mocker and (seated) M. O'Connor, P. Minnaugh, K. Hayslip.



Bensonhurst (N. Y.) techs Ginna, Macey, Burgmyer, won the CPS branch's horse race contest.



Mrs. T. W. Mines, Cherry Hill receptionist, with twenty-six educators who attended our open-house observance of Business-Industry-Education Day, sponsored by the Chamber of Commerce.



Techs Zink, Macey, Evola won individual trophies in the highly successful Bensonhurst "race".

As near as your phone . . .



*The Business—Building
Benefits of
RCA Electronic
Data Processing
Results!*

Yours without capital investment!

The RCA *Electronic* Data Processing Center at Cherry Hill, Camden 8, N.J., places at your disposal the full facilities of the world's most advanced, high-capacity *electronic* data processing equipment and *KNOW-HOW!* You pay for *electronic* data processing results only as you need them . . . without capital investment!

The unique facilities of the RCA Center will prove especially valuable...

- If your work volume is not sufficient to warrant installation of *electronic* data processing equipment of your own.
- If you have occasional massive data handling problems, such as surveys or other statistical studies.
- If peak work loads exceed the capacity of existing accounting or computing machines.
- If you would like to test *electronic* methods on your own problems before investing in a computer installation.

All information handled through the RCA *Electronic* Data Processing Center will be treated in absolute confidence and privacy.

For additional information, phone Woodlawn 3-8000, Ext. PY 6181, or send in this coupon for free descriptive brochure.



The Most Trusted Name in Electronics
RADIO CORPORATION OF AMERICA

This Service Company advertisement, prepared for newspaper insertion, promotes an Electronic Data Processing Service responsibility—the sale of 501 Center time and facilities to local businesses.