



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

Everyone and everything moves too fast nowadays. Most of us remember the Radio Age, but here we are already living in the Satellite Age. Let's relax for a moment or two and enjoy, with the young fellow on this month's cover, the simple pleasure of flying your own kite. O. K. now get back to the old rat race.

Here's Auto Inspection Calendar For 1958

The New York State Vehicle Inspection Law calls for annual inspection of cars five or more years old, to cover brakes, lights, steering mechanism and wheel alignment. The schedule for 1958 is as follows:

1942-46	April
1947	May
1948	June
1949	July
1950	August
1951	September
1952	October
1953	November

When your car passes inspection you will receive an official sticker for the lower right-hand corner of your windshield. If it should fail to pass inspection, the inspecting station will issue a rejection notice. Repairs must be made within ten days after this notice is issued.

It is not necessary to have required adjustment or repairs made at the inspection station; they may be made by any garage, or by the owner. Re-inspection after repairs may be made at any official inspection station — not necessarily the same station which made the initial inspection.

Every vehicle subject to the inspection law must have an inspection sticker in order to be operated on the highways. Violation is a traffic infraction and the penalty, for a first offense, is a fine up to \$25.00.

Electronic Developments Will Exert Massive Impact On Our Lives

New Devices Will Profoundly Influence Defense, Business and Industry; RCA President Burns Describes Home of Tomorrow and Personalized Global Radio Communications

President John L. Burns of RCA predicts that revolutionary developments now under way in electronics will have a massive impact on national defense, business and industry, and the home.

As an example of things to come, he cited a home in which everything will be controlled from a Household Electronic Center.

"Simply by pushing a few buttons in this Electronic Center, you will be able to set up, in advance, the family schedule for an entire day," Mr. Burns said. "The electronic housekeeper will rouse you from sleep in the morning, close the windows, start the coffee-maker and the toaster, cook the bacon and eggs, open the garage doors and warm up the car.

"While you and your wife are away from home during the day, instructions fed into this Household Electronic Center beforehand will take care of such chores as washing the dishes, doing the laundry, regulating the heat, cleaning the house, guarding against burglary and fire, and paying the milkman. When you return home in the evening, the Electronic Center will have seen to it that the dinner is ready and the television set is tuned in to your favorite program."

New and improved materials —

together with advances in electronic circuitry and components — have already made available the basic techniques for building an electronized, robot-run home, he said, adding:

"The only real question at this point, as one engineer put it recently, is whether the master control switch should be marked 'His' or 'Hers'."

President Burns said that out of the systems and devices intended primarily for our National Defense effort will eventually come many profitable developments for the civilian economy.

"Advances in rocketry will make possible the delivery of material and people quickly to any part of the earth," he said. "The same electronic 'brain' that guides a missile will operate an entire factory. So far we have seen only the bold beginnings of automation in which the wizardry of electronics is adding startling new dimensions to human efficiency.

"In the years ahead, new and versatile means of communications will come to the assistance of business. For instance, there will be voice-controlled electronic systems, capable of understanding and carrying out verbal orders. The businessman of the future will dictate his inter-office memo-

randums and personal letters directly to an electronic typewriter that will produce them in response to his voice.

“For the executive on the move, there will be personal radio communications. No matter where you may be — in a conference, at lunch or even on a transcontinental flight — you will be able to carry on a conversation with business associates through the use of an instrument about the size of a pack of cigarettes. Eventually, it will be possible to see as well as speak to another person any place on the globe.”

Mr. Burns emphasized that the quickening tempo of technology will bring “new and compelling needs.”

“Perhaps the most insistent of all,” he said, “is the need to adjust our political and social institu-

tions, our sense of values and our patterns of thinking to keep pace with our swiftly changing technology. For in the years ahead, the great challenge will not be change itself, but the manner of our adjustment to change.

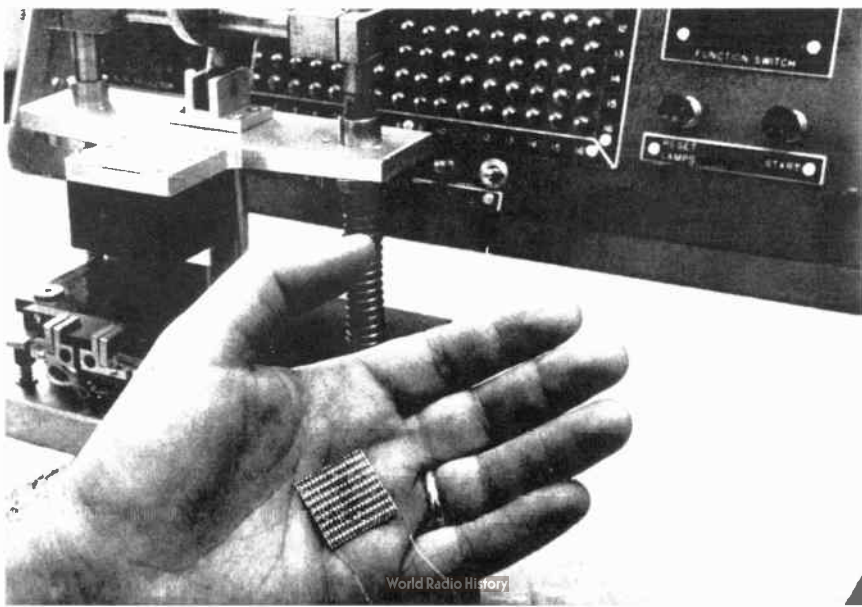
“In making this adjustment, it seems to me, three needs deserve special consideration.

“First, there is a need for higher standards of education, designed to equip our youth for living in a world society dependent upon continued progress in science and technology.

“Second, there is a need for broad new defense concepts, geared to the complex requirements of the Space Age.

“Third, there is a need for dynamic leadership — in technical areas, in business management, in education and in Government.”

Tiny magnetic memory plate used in electronic computers makes it possible to store more than a million bits of information and to recall any or all of it in a few millionths of a second



The Danger From Within

By Dr. Clarence R. Decker

(Editor's Note: For almost two centuries, U. S. participation in world affairs was voluntary — today we have no choice. The means to destroy us now exist — and "world affairs" are now very much our affairs. This is the main spur to the U. S. Government's overseas programs and to our foreign trade policies (to secure needed materials and strengthen our own economy.) And it is no secret that we must help build the economies of uncommitted countries — lest the Russians get there first with huge investments. The "Danger From Within" is that the American people may not see the problem clearly and lose their perspective in a fog of partisan policies or misunderstanding. This remarkably lucid article by Dr. Clarence W. Decker, of Fairleigh Dickenson University, makes a lot of facts clear about foreign trade and its meaning to our security, living standard and economic health.)

* * * * *

In the second half of the twentieth century, we live in an age in which two-thirds of all the earth's people are in revolt against poverty, ignorance and disease; an age in which the world's population is exploding so rapidly it threatens to wipe out the most favorable economic gains; an age of atomic power, hydrogen warheads, guided missiles and man-made satellites; an age in which the productive power of the U. S. has created the unprecedented option of how to spend disposable income after meeting basic requirements, and an age of violent conflict in almost every area of human life.

Under these circumstances, national policies with respect to world trade, overseas investment and development represent a vital area of public policy that calls for careful re-thinking of our concepts, and re-shaping of our policies and goals.

Primarily, we should know that today the United States is, in a significant sense, a "have-not nation" and is daily becoming more and more so. It is now estimated that we shall soon be importing between 25 and 100 per cent of our requirements for the 26 most important industrial raw materials ranging from antimony to zinc.

We should also know that foreign trade has become so critically important to the over-all U. S. economy that a drop of just 10 per cent in our current export business would mean a loss of about \$5 million to U. S. businessmen and farmers every twenty-four hours; that foreign trade now provides more direct employment for U. S. workers than the automobile, textile, chemical and steel industries combined!

We should know that foreign trade is a close, intimate, day-to-day, dollar-and-cents part of the

economy and prosperity of every sizeable industrial community in the land. A recent survey by Econometric Specialists, of New York, for the Creole Petroleum Corporation, shows that our exports to one country alone — Venezuela — originate with more than 1,350 different business concerns situated in 750 communities in forty-five of the forty-eight states and provide the livelihood for some 170,000 American workers and their families.

These impressive statistics raise vital questions:

Do our trade policies reflect the fact that we have become a have-not nation — that foreign trade is a great industry reaching directly into almost every community?

Are we misled by thinking about our domestic economy when we are, in fact, part and parcel of an international economy?

Is an excess of exports over imports really a “favorable” balance of trade for the U. S. today?

As an example of the growing economic interdependence of free world nations, let us further consider the case of economic relations between the United States and Venezuela. Venezuela is a major world producer of two materials of strategic significance to the United States: petroleum and iron ore. Because Venezuela has been able to sell oil and iron abroad, that country has been able to finance economic and social development programs that have brought amazing progress during the past two decades, and to in-

crease purchases from this country from about \$20 million annually two decades ago, to the current rate of over \$1 billion and a half worth of goods and services a year.

The Creole Petroleum Corporation — the largest American corporation operating in a single country abroad — and other companies have worked in partnership with Venezuela in making possible an almost breath-taking progress — a successful leap into the twentieth century — all within a few decades and all sparked by an injection of private capital, enterprise and technology.

This example of American investment in Venezuela makes it clear that private U. S. capital and enterprise has an overseas role of unprecedented magnitude and responsibility in meeting the challenge of the second half of the twentieth century.

When we fully comprehend and courageously face the implications of this challenge, we shall have gone far toward removing the danger from within.

The present session of Congress has before it the question of U. S. participation in the Organization for Trade Cooperation, the extension of the Reciprocal Trade Agreements Act, and the question of overseas economic and technical assistance. These will be important decisions for all of us. Let us make sure they are twentieth-century decisions — reached, not only in the light of the Soviet moons, but above all, guided by the stars of our own destiny.

People and Jobs

The following changes on the staff were announced last month:

Frederick G. DesJardins from Ass't. to Manager "WCC" Chatham to Manager "WBL" Buffalo.

Rudolph R. Grillo from Traffic Accounting Clerk to Router.

Thomas J. Rice from Messenger ES Office to Check Clerk.

Charles V. Pittman from Machine Operator II to Machine Operator I.

Joan C. Overton from Typist-Clerk DEP Varick Street to Sales Clerk, Commercial Research.

Lucille M. Scuteri from Plant Records Clerk, PVD to Record Clerk, Marine Accounting.

Lorraine Gillespie from Secretary Personnel to Legal Secretary.

James Dolan from Porter-Elevator Operator to Watchman.

Carol T. Groo from Senior Payroll Clerk to Key Punch Operator, San Francisco.

Alfonso A. Dalwatan from Storekeeper to Counter Clerk, Manila.

Jose S. Jimenez from Messenger to Storekeeper, Manila.

Vicente Unay from Traffic Clerk to Abstract Clerk, Manila.

John L. Istel from Military Leave to Confidential Clerk, Procedures and Audits.

David Zekaria from Engineering Assistant to Design Engineer.

Charles Shoreys from Engineering Assistant to Design Engineer.

James Naughton from Commercial Representative to Regional Manager, NY-AA.



Charles E. Somerville promoted to Manager, Subscriber Services, Commercial Activities.

Dorothea M. Moakley from Secretary Operations-Headquarters to Secretary, Personnel.

Cecil F. Frost from Coordinator District Administration, Operations-Headquarters to Coordinator District Personnel, Personnel Office.

Nancy Masotto from Secretary, Central Radio Office to Secretary, Traffic Engineering.

Judith B. Juskow from Secretary, Traffic Engineering to Secretary Central Radio Office.

Morris Davidowitz from Traffic Chief to Traffic Supervisor.

Gloria S. Delgado from Clerk-Typist to Abstract Clerk, Guam.

Nancy A. Miller from Clerk-Typist to Branch Office Clerk, Guam.

Harold Kristoffersen from Regional Manager to Field Representative, Subscriber Services.

C. R. Denny Elected To Board of Directors

Charles R. Denny, Vice President, Product Planning, Radio Corporation of America, has been elected to the Board of Directors of RCA Communications, Inc.

Mr. Denny served as an executive of the National Broadcasting Company from November, 1947, to last April 1 when he took over the newly created Product Planning position at RCA.

A native of Baltimore, he was graduated from Amherst College in 1933, and from Harvard Law School in 1936.

Retirements

John J. Swezy retired this month after serving more than 35 years as a Machinist at Rocky Point. Born in Patchogue, New York, in 1893 Mr. Swezy has been employed at our Long Island transmitting station since 1922.

Anastasia Kirkowski, Part-time Office Cleaner in the Real Estate Division, retires on May 31 at the age of 65. Mrs. Kirkowski has been with the Company since 1952.

* * * * *

Martha Williams, Traffic Accounting Clerk at the San Francisco Office, retired on April 30. Mrs. Williams was born in Parkersburg, West Virginia, in 1893. She came to work for RCA (SF) as a Branch Office Clerk in 1942, and since that time she served as a Confidential Clerk, Assistant Bookkeeper and Traffic Accounting Clerk.

It Says Here

A formula for success was laid down by Philip M. Talbott, President of the U. S. Chamber of Commerce.

Discounting "fancy titles" and such short cuts as marrying the boss' daughter, Mr. Talbott advised young men to "hit every rung in the ladder on their way up."

"The successful man," he said, "is one who has taken advantage of the opportunities provided by our (individual enterprise) system to use his inborn and innate and self-developed capabilities to the fullest possible extent."

He said the rule applied "whether a man is a bricklayer, a sharecropper or a wealthy financier."

"Who is going to say," Mr. Talbott asked, "that one kind of success is more important than another?"

He pointed out that "there is no barrier in this country to the young fellow in shirtsleeves in the back shop. He can scramble up to the presidency of a corporation — if he has the will to do it — and 'Who's Who in America' will verify the story."



"A lazy man likes to think that it is just his way of conserving energy."

news in brief

RCA has been awarded a contract by the Army for installation of the AVQ-50 lightweight weather radar system on an Army H-21 helicopter.

The AVQ-50 weather radar is the smallest and lightest of its kind yet developed. Although it weighs only fifty pounds, it enables pilots to "see" and avoid storms at distances up to eighty miles.

* * * * *

The most comprehensive sound system ever used in motion picture presentation, with multiple speakers mounted at various points around a theater, will provide realistic sound for audiences seeing the new wide-screen film "Windjammer."

The system — both the equipment for recording the sound and the theater set-up for reproducing it — was developed by RCA to achieve stereophonic, or three-dimensional, sound in the theater almost perfectly duplicating the original sound in range, quality, depth and even a sense of distance and direction.

* * * * *

Controlled thermonuclear fusion, in which electronic techniques play a key role, may some day provide electric power from plants producing one million or more

kilowatts from only half a pound of fuel a day.

E. W. Herold, Director of the Electronic Research Laboratory, RCA Laboratories, predicted that the major obstacles to fusion control may be overcome in the laboratory within five to ten years, leading to "practical utilization" after several more decades. Then, with power so cheap and plentiful, he added, "we may speculate upon completely new methods of transmission."

* * * * *

A \$5,000,000 U. S. Army contract, to follow up a "major breakthrough in electronic miniaturization," has been awarded to RCA.

Under the two-year contract with the U. S. Army Signal Corps, RCA will develop its "micro-module" concept to the point where ground tactical, fixed plant and airborne systems can be reduced to one-tenth or less of their present bulk and weight.

This breakthrough is attributable to a radically new system employing transistors and greatly reduced wiring. RCA engineers calculate that through use of the new system, a typical missile guidance and control unit can be reduced in weight from thirty pounds to about four pounds.



After Hours:

Ad Manager Writes Successful Musical Play

By his own admission Robert J. Angliss wrote a full-blown musical because, "after spending most of my time writing to please others, I decided to write something to satisfy myself." Bob's only other contribution to the theater was made two years ago when he designed the sets for a local theater group production of "Plain and Fancy" and "Finian's Rainbow."

His interest in the theater is very personal. His wife, Phyllis, (she was formerly employed as a Bookkeeper in the General Accounting Division) is no stranger to the footlights. As a member of the Massapequa Community Chorus for the past five years she has appeared in several little theater productions on Long Island. Bob had the desire to write a play, his wife provided the incentive and encouragement, now all he needed was an idea.

It all began on the L.I.R.R. while he was commuting from his home in Massapequa to his office in Manhattan. While other passengers were buried in their morning and evening newspapers, Bob was absorbed in the American classics of Washington Irving, author of *Legend of Sleepy Hollow* and *Rip*

Van Winkle. Irving's gentle fantasies of early Colonial life and the bright satirical humor with which he told his fairy tales provided Bob with the story idea for his play. Encouraged by his wife, who liked the idea of a musical fantasy, Bob stopped reading and began to write.

One year and six typewriter ribbons later the finished product emerged from his portable. The L.I.R.R. gets another credit line here because much of the script was written in longhand on the commuter's special. The complete book contains 80,000 words which is a lot of prose to come from any writer's grist-mill. But Bob was writing to please himself mostly, and he candidly admits, "it came a lot easier than some of the publicity releases that emanate from Room 1305."

When the Massapequa Community Chorus Group read Bob's book they liked what they saw and stopped looking for their annual vehicle. Last October the play went into production, and for the next six months, weekly rehearsals for 16 principals and 28 dancers and members of the chorus, not to mention set designs, occupied all of Bob's after hours away from

60 Broad Street. For the musical score Bob turned to his friend Herbert Alper, music teacher in the Farmingdale School District. Together they turned out 15 songs for the show, with Alper contributing the sharps and flats and Angliss providing the lyrics.

We were in the first night audience in the Massapequa High School Auditorium when a cast of 44 gave life and meaning to Bob's book and lyrics. For two and one-half hours a splendid group of community players captured our imagination in song and story as they projected a gay, lively musical fantasy, "The Kaatnip Keg" across the footlights to the delight of a captive audience. It was, in our opinion, little theater at its best.

After the performance we went backstage to congratulate the author. Bob told us that to the best of his knowledge, "nobody on Long Island has ever before attempted a musical on this scale." With typical author's pride he admits he is thinking of possibly adapting the show for television. After he irons out a few wrinkles and sets a little faster pace he thinks the "Kaatnip" will also make fine fare for other community theater groups.

"Even if none of this pans out," he said, "it was a challenging and interesting experiment, and well worth the effort. After all the entire proceeds from our two performances in Massapequa will go toward a musical scholarship for some deserving youngster in our town."



Phyllis Angliss and Vincent Mure (center) discuss the script with Stage Director Keith Calkins (right) who is employed by NBC. Mrs. Angliss plays the role of Judith Van Winkle.

Bob goes over a scene with "Rip Van Winkle" one of the central characters.



From \$50 a Week Job To Head of U S Steel

Ex-School Teacher
Came a Long Way

By LOUIS JAMES

Is it possible for a \$50-a-week school teacher to become head of a big American corporation? It is, if your name is Roger M. Blough.

Thirty years ago, Blough (rhymes with plow) was teaching history in Hawley, Pennsylvania. Today, he is Chairman of the Board of the \$3 billion United States Steel Corporation, employing 260,000 people.

How did he do it?

Luck and circumstances, says Blough who, at 53, is a six-footer with an easy, relaxed manner, known as a "low-pressure" executive.

Was farm boy

A Pennsylvania farm boy, Blough attended a one-room grade school, worked his way through tiny Susquehanna University in Selinsgrove, Pennsylvania, and then spent three years teaching school.

He left teaching to study law at Yale. Blough's first big break came when he became one of many lawyers employed by U. S. Steel in 1939 during its legal tussle with the Government.



ROGER M. BLOUGH

He worked harder, longer and more effectively than most Wall Street law clerks and caught the eye of Ben Fairless, who was President of the Corporation.

Fairless liked his wary, prudent mind, his ability to answer questions with up-to-the-minute facts and assigned him to successively bigger and bigger jobs.

Blough worked and studied hard. In handling the Corporation's complex legal affairs, he learned so rapidly and displayed such good judgment in advising top management he was elected a Director in 1952. In 1955, he took over as Chairman when Benjamin

F. Fairless retired at 65.

Says he was lucky

"I'd say I was pretty lucky," Blough admits. "I can't recall any serious reverses. There are times when you seem to be treading water — not going too fast. But you are learning all the time.

"I don't want to sound polly-anna-ish, but I've enjoyed all the jobs I ever held, back as far as the days when I was teaching school. There is lots of satisfaction in doing any job well."

But it isn't luck alone that moves a man from obscurity as a small town teacher to head one of the greatest industrial organizations. He has to know what is going on in the world.

One of the architects of U. S. Steel's reorganization and expansion, he is well versed in the intimate facts of American business. His mind is capacious and fact-filled. His modest, careful manner masks a man with important talents. His strength is his thoroughness and ability in analyzing problems.

He's a hard man to know," a close friend once said. "But once you get to know him he wears like steel."

Lives in New York

Blough lives in New York, is married and has twin daughters attending college. Although he likes to play golf and swim, his hobby is just plain "work."

"I'm just an ordinary guy," he says. "I like to work hard and I like to relax. I go to bed early and

get up early. On weekends I go home to Hawley and plant a tree or a flower in my yard."

Blough is optimistic about America's future. "I think this is the best time ever to be young," he maintains. "The industrial and business trend is upward. Our organization, for example, has expanded research fivefold in the past 5 years. Yet we are only beginning.

"Yes, it's a great period for youth," concludes this former schoolteacher, who keeps a constant eye open for young talent to stock his Corporation for the future.

Use Zone Numbers To Speed Mail Service

There's been a lot in the newspapers about postmen whose swift completion of their appointed rounds has been made more hazardous by snapping poodles.

But a more costly, albeit less painful, nuisance to the postal authorities is the ZONE NUMBER. The N. Y. Post Office is developing a Mail Improvement and Public Postal Education Program designed to provide better service to the public, and its success depends to a large extent on your cooperation.

So, for faster mail service, use zone numbers!

Use your own in the return address!

Mail early in the day. It's the faster way!

Emblem Awards



Frederick Wilhelm
San Juan
45 Years

For May



Harold V. Williams
New York
35 Years



James Mossa
New York
35 Years



Frederick Martin
Riverhead
30 Years



Torsten Andre
New York
30 Years



Magno Frejas
Manila
30 Years



William M. Kekligan
New York
25 Years

About Us...

Automatic Operator Michael Semenoick of LX Office called our attention to the mis-spelling of his name in the April issue. After twenty years with the Company he has a point there, sorry for the error, Mike!

Elevator Operator John Basile and Check Clerk Antonio Basile wish to acknowledge the kind expressions of sympathy received from many employees following the recent death of their mother.

Elmo N. Pickerill (retired) was elected president of the L. I. Early Fliers Association. "Pick" who retired from the Company in 1950 says, "for longevity, try aviation." He started flying in 1910 and he ought to know.

Router Mario Pontecorvo recently became engaged to Julia Moklad . . . And Service Clerk Joseph Giaino was married to Antoinette Taormina on April 12.

The ACA Softball Team, which carries 18 RCA employees on this

years' squad, will open their season in the Industrial Softball League on May 12.

OMT Jim Beliveau was elected Chaplain of V.F.W. Post 9482 of Copiague, Long Island.

A Company-wide U. S. Savings Bond Campaign gets under way the weeks of May 15-30. The theme of this year's drive is, "Share in America." At the present time our participation is running 37%. During the campaign every effort will be made to increase our participation to 50%. It all depends on YOU!

Marcus J. Cole, Automatic Operator at CRO died on April 6 at the age of 53.

Mr. Cole first joined the Company as a Printer Operator at CRO, San Francisco in 1942. For a short time he served on the operating staff in Honolulu. In 1947 he was transferred to New York.



Murray H. Rosenblum
New York
25 Years



Raymond F. Brown
New York
25 Years



Antonio Stocchi
New York
20 Years



WASHINGTON

By Robert E. Hurley

Education, or lack of it, being one of the major topics of the day, it seems appropriate to mention the scholastic accomplishments of 16 year old Ed. Trickett, son of Automobile Messenger Edison Trickett Sr. Young Ed's marks are the highest in the history of Mt. Saint Alban's, one of Washington's better private schools. After graduation he is expected to enter Harvard. He is also a versatile athlete, starring in baseball, football, basketball and track.

This year's Cherry Blossom Parade terminated right in front of our offices and some of the boys lost no time in assisting the lovely princesses from their floats. Due to the unusually cold weather at the time, the parade was sans blossoms. However, at this writing, the blooms are plentiful in all their delicate beauty, so now is the time for all good tourists to come to Washington.

Earl Wilkison is busy arranging for the annual dinner of the Morse Telegraph Club.

Bob Wahl's midget baseballers opened the season with a win after finishing a better than so-so basketball season.

The latest addition to Fred Lib-

by's bowling aggregation is Bob Francisco. The team is in the top half of the league, moving along at a pace somewhat faster than 50-50.

RIVERHEAD

By Connie Mattie

An amusing incident that occurred recently was the sight of Sam Sadler descending a ladder and stepping into a pail of water without removing his shoes!

RD has two more grandfathers — Allie Marsh became a grandpappy for the second time and Lennie Nedosik for the first time.

The Willie Stolzenberg's celebrated their 25th anniversary with a family party on March 22. They plan to continue the celebration with a trip to Europe this summer.

After many years as a tenant, Harry Tyte began construction on his own home. Now his troubles will really begin.

This reporter and her husband recently enjoyed a brief but educational visit to Williamsburg, Va., and Gettysburg, Pa.

Since Moise Abitbol has been in the U. S., he has had many interesting experiences. His latest was serving as an interpreter in the County Court for a Puerto Rican.

POINT REYES

By C. M. Cherrigan

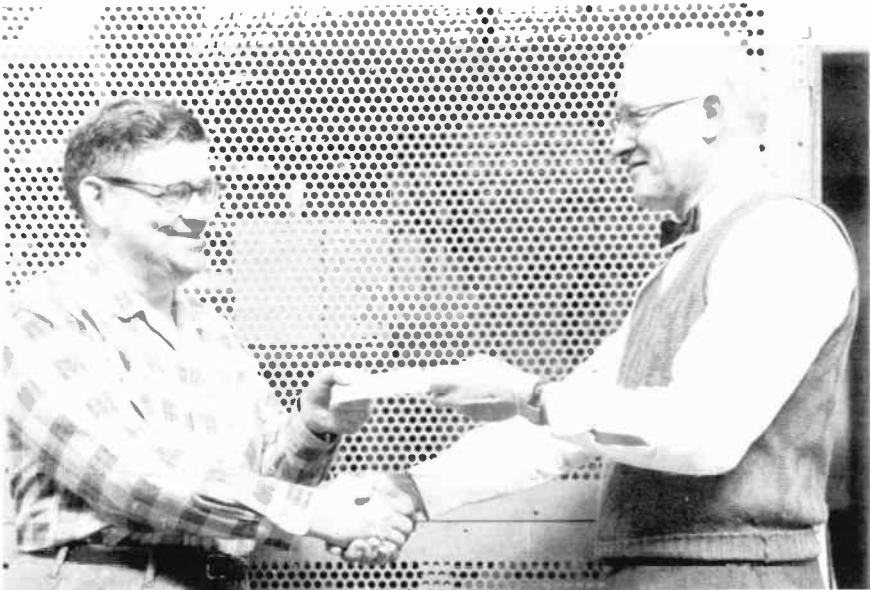
Despite the record breaking rainfall of over 70 inches already recorded this season, the RS receiving station has come through thus far practically unscathed. A few power outages necessitated the use of the diesel emergency power plant, and heavy winds tore some of the bays loose on various antenna but overall we are in good shape.

Good progress has been reported on the conversion and modernization of Marine Coast Station KPH. New operating positions are being wired, and readied for the

change-over which is expected to take place within the next two months. The new operating room was formerly a battery storage room, but it has been revamped, insulated and sound-proofed and made into a very attractive station site. Station Manager Frank Geisel will announce the date of the "housewarming" and all RCA station personnel are invited to look the place over.

Signal strengths on the Australian circuit were upped considerably on completion of the new 24 mc rhombic antennas. Additional gain has been recorded over the formerly used 17 mc rhombics

Good Ideas Pay Off



W. C. Tooker (left) Transmitting Technician at Rocky Point receives a \$50 suggestion award from E. D. Klahn Assistant EC. Tooker suggested a method of providing a service talking channel between Riverhead and Rocky Point over the microwave control system.

that had been utilized on the 20/24 mc frequencies.

Three new single sideband receivers recently installed have been performing quite satisfactory and are used daily on the HU circuits. These are the first receiving groups to be set in the new positions that will form the pattern of the "new look" at RS.

Last month saw the end of the time honored system of communication between Point Reyes, Bolinas, and CRO San Francisco — the telegraph wire. No longer will the crisp crackling of the key bring orders and answers to the listening ears of qualified radiomen at each end of the circuit. This has been replaced by the monotonous rumble of the tele-

type printers, now used to record all transmissions between stations.

Former Division Manager Ralph Cherrigan and Mrs. Cherrigan recently returned from Japan and have taken up residence in Inverness. Mr. Cherrigan just completed 11 years service with the Army Signal Corps in the Orient. He was granted a special leave of absence from the Company to complete this assignment.

Observations on the various Sputniks, Jupiters, and Vanguards were made at RS during favorable periods of orbiting, and were recorded on 108 mc, 40 mc, and 20 mcs. Some were visible at this point and were viewed with much interest by many of the station personnel.



Coast Station WCM on Clay Pike Road in Irwin, Pa. offers radiotelephone service to and from ships along the Mississippi River. Here are members of the staff of WCM: (l. to r. standing): W. N. Hayton, Manager and T. R. Lindquist. (seated l. to r.): J. C. Albert, L. J. Densmore and F. Wawrzynski.



John Gardner, Bookkeeper, San Francisco celebrated his 20 years of service with the Company on May 6.

SAN FRANCISCO

By Bev Parks

The bowling season is over and we are sorry to report that our team finished in fifth place, but we know they did their best. So hearty congrats to all the fellows on the team including, Eddie Fox, Frank Spicer, Moon Wise, Ralph Ballard, and Kern Wong. Lady Luck was good to Ralph and Moon Wise though because they took first and third place money respectively in the League Sweepstakes, which is run off on the last night of the season.

My boy reporter, Paul Osborne tells me that our friend and good customer, Charles Smith and his wife, Patricia, have named their new son, Scott Arthur Smith so that his initials are the same as the company Mr. Smith works for . . . SAS Scandinavian Airlines System.

HONOLULU

By Bruce Flood

At this writing we just completed digging out from under one of the most remarkable rainstorms in the history of the Islands. Eighteen inches of rain fell in twenty-four hours. It was a rather miserable experience in some ways, but it did have its amusing moments — such as watching the gals from CRO wading into the office through two feet of water with their shoes held high above their heads.

Even Carl Shioi cast aside his dignity and waded in shoes aloft and pants legs clutched high.

Your correspondent thought it was all a great lark until that evening when he found himself standing in the pouring rain digging trenches around his house to release the water. All turned out well, however, with no very serious damage and fortunately no loss of life.

Aloha to MOD Clerk Sally Bouckley who left us on May 1 for a six month visit to her native England. And welcome to APO Linda Wetzel who just returned from maternity leave.

Aside from his duties as an OT Dave Young is a very busy man. In his spare time he is (1) a Reserve Police Officer, (2) Captain in the Civil Air Patrol, (3) A HAM Operator, (4) A Timer and Communicator for the Hawaii Sports Car Racing Association. And just to keep "busy" he is also re-building his home in Kailua. In his spare time he likes to read.

Aloha no, from Hawaii.



Risk Capital Made Watt's Engine Work

THE story of James Watt, Scottish inventor of the modern steam engine, is well-known to most people. But few can identify Matthew Boulton, English manufacturer, who almost went broke in financially backing the invention, before it began to earn profits.

With his idea of a separate condenser, Watt made the first really practical engine and thereby revolutionized the modern world. He patented his steam engine in 1769 but not until 1774, when he joined with Matthew Boulton, was the idea turned into a reality.

BOULTON put all his savings into developing Watt's engine, hovering on the edge of bankruptcy for 15 years, until the engine was a commercial success.

This is but one example of the part risk investment of the savings of individuals has played in shaping industrial growth and progress. Risk capital does not come from government, but from private citizens willing to venture a part (sometimes all) of their savings in a new idea. No free nation can prosper for long without an adequate flow of private investment risked on new ideas in industry.