



PHILCO  
*News*

OCTOBER, 1957



## TRY INSTALLMENT **GIVING**

Buying on the budget plan has become part of the fabric of American life. It helps many families enjoy comforts they couldn't have except by dint of long saving and scrimping.

It begins with the actual buying of one's home and continues with the acquisition of appliances, furniture and automobile—all to be paid for out of future earnings. For most people, the idea has worked well.

If installment buying, with payments budgeted over regular intervals, is a useful device, why not apply the idea to the support of such community projects as our United Fund? In a word, installment giving.

It's a practical suggestion if you think about it for a minute. In the first place the United Fund doesn't require the money now. It's needed for next year, beginning June 1, 1958. And the funds are paid out on a month-to-month basis to our health and welfare agencies. The United Fund merely wants to be assured that there will be a continuous flow of money from you and other contributors each month. That's why you can pay your pledge in monthly installments.

In the second place—and it hardly needs to be pointed out—you can make an adequate and FAIR SHARE gift, based on income and circumstances, if you don't have to take it "out of pocket" at one time.

Authorize your gift to be paid through payroll deduction and know you have done your part.



### OUR COVER THIS MONTH

In a matter of seconds the coveted title to the Miss America throne has changed from the hands of Marian McKnight (standing) Miss America of 1957, to Marilyn Van Derbur, the newly crowned Miss America for 1958. Gone but not forgotten has been Miss McKnight's national and international goodwill tours for Philco

now to be undertaken by Miss Van Derbur, Philco's fourth Miss America goodwill sales ambassador. The blonde, green-eyed, 20-year old beauty from Denver made her first commercial appearance for the Company on the Firestone Hour, ABC-TV Network. Then on October 15 Miss Van Derbur appeared at a United Fund rally in Trenton through the courtesy of the Company and Philco's distributor for the area, Fineburg's. Thus far Miss America's reign includes visits to Germany and Italy in addition to appearances in just about all of the forty-eight states in this country. Miss McKnight plans to return to college this fall.

### PHILCO MICROWAVE BRINGS TV TO SOUTHEAST MISSOURI

Three communities in Missouri and Kentucky will have increased television coverage early this fall with the completion of a 200-mile microwave relay system southeast of St. Louis, Mo.

Television microwave equipment being installed by Philco

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ADMIRAL ARTHUR W. RADFORD, U. S. Navy (Retired), Formerly Chairman of the Joint Chiefs of Staff, Elected to the Board of Directors of Philco.

## ADMIRAL RADFORD ELECTED TO PHILCO DIRECTORSHIP

Philco has announced the election of Admiral Arthur W. Radford as a member of its Board of Directors.

Admiral Radford recently retired from the United States Navy after more than 45 years of distinguished service to the Armed Forces and to the nation. His most recent position was that of Chairman of the Joint Chiefs of Staff, a position to which he was appointed in 1953 and re-appointed for a second term by the President of the United States in 1955.

Admiral Radford joins other members of the Philco Board who, other than officers of the Company, include the following: Dr. Gaylord P. Harnwell, President of the University of Pennsylvania, Richard C. Bond, President of John Wanamaker, Philadelphia, Wm. Fulton Kurtz, Chairman of the Executive Committee, The First Pennsylvania Banking and Trust Company and Charles S. Cheston, director of various industrial and financial institutions.





German television, radio and appliance wholesalers, touring American industry and appliance wholesale outlets, take a close look at the Printing Panel Assembly on the second floor of Plant 10. Howard Lackman, (pointing) one of the tour guides, explains the operation to the visitors. Below some members of the visiting group with (left) Dr. Ursula M. Lam-mers, German consul in Philadelphia, and, from right to left, Ovid Riso, Advertising Manager of Philco International, and Miss Adelaid Fellows, Philco Director of Home Economics. According to a spokesman for the Group they were "greatly impressed with the business aspects of the tour as well as the unheard of hospitality and friendly spirit of the American people."



## U.S. EXHIBIT AT SALONIKA FAIR FEATURES PHILCO KITCHEN

One of the outstanding features of the Twenty-Second International Fair held recently at Salonika, Greece, was the U.S. Central Exhibit, housed in a huge Geodesic Dome. The exhibit was centered in a contemporary home divided into five rooms furnished in typically American style.

Other portions of the U.S. Exhibit presented modern home appliances, frozen-food preservation, demonstrations of prepared foods, a typical American Bath-Dressing Room exhibit, ready-to-wear clothing, synthetic fabrics, home furnishing fabrics, industrial and residential building materials and an elaborate farm equipment demonstration.

One of the room exhibits was a completely operative, modern Philco-Bendix kitchen featuring the latest labor-saving electric appliances. The major Philco appliances included a Refrigerator-Freezer combination, a built-in Electric Range and Wall Oven, a deluxe Dishwasher and a Philco-Bendix Duomatic combination Washer and Dryer. Youngstown Kitchen cabinets and sink complete the kitchen.

## ANSWERS TO QUESTIONS ASKED ABOUT OUR UNITED FUND

This is the time of year for decisions: football time, World Series time, campaign time. Here are some questions frequently heard around here when the time comes for Philadelphia's biggest annual health and welfare effort.

1. How much money collected by the United Fund gets to the agencies?
  - A. More than 92 cents of every dollar. (Campaign cost is only 4.6% because it's once a year for so many. Year-round administration, accounting and education add up to 2.7%).
2. Who's helped by United Fund agencies?
  - A. People like you. More than a million are aided each year, regardless of race, creed, national origin or economic status.
3. What's the United Fund goal?
  - A. \$13,500,000 which covers only minimum needs of the 250 separate agencies and services.
4. What's my fair share gift?
  - A. Full credit for this one if you pledge 10 hours pay or at least 25 cents a week.
5. Can my gift go to just one agency?
  - A. Yes. Indicate the agency on your pledge card.
6. Are solicitors paid?
  - A. No. More than 50,000 volunteers give their time.
7. Why are some people refused help?
  - A. If you hear about anyone refused help, give us the facts. Each case is an individual one. More than a million people are aided by UF agencies each year regardless of race, creed, national origin or economic status.
8. Will these agencies have other drives?
  - A. All operating funds for their 1958 services are raised by this once-a-year campaign. Fund drives may be conducted to meet pressing building costs and wide-spread disaster needs. Approved membership campaigns will be limited to an agency's volunteers and friends.
9. Will my home be solicited?
  - A. Yes, so that other members in your household can give.
10. Who pays for dinners and luncheons?
  - A. They are underwritten by public-spirited corporations which also give generously to the campaign. Those attending pay part of the cost. Campaign contributions are NOT so used.





The Leslie J. Woods Trophy for the winners of the 1957 softball championship in the Polygon Club Softball League is displayed by Joe Fumo as members of the winning team from TV-Radio Accounting gather round. The Accounting group won 6 to 1 in the final game with Plant 50 Research. From the left on the front row are William Graham, Curt Herman, Joe Fumo, Robert Helfrich, coach; Lee Barone, Robert Schweitzer. In the same order second row are George Ottinger, captain; Russ Sutter, Richard Devlin, Richard Brill, Frank Sliwinski and Bert Steinberg.



John Bergin (center) is the new manager of the Uhrick's soccer team which has been a two-time American League winner. Bergin, a former halfback with amateur clubs, is a supervisor in Dept. 43-503 at Plant 10. He began his soccer career at Northeast Catholic High. As a schoolboy Bergin was a "teener" with the Phoenix team and he later booted for Delpark, Cake Bakers and several others which contended each year in U.S. cup competitions aside from loop action. He captained the unbeaten Falcon team while at school in 1938. Bergin piloted the Little Club to four championships in the Philadelphia League during the past few years. With Bergin above are (left) Jack Ormond, captain of the Uhrick Truckers, and to his right is Bob Denton, referee, and former Philco employee now with the City fire department.

## PENN'S PHILADELPHIA LANDING TO BE OBSERVED AT LIBRARY

The Free Library of Philadelphia at Logan Square on the Parkway will commemorate the 275th Anniversary of the Landing of William Penn with an exhibition of the J. Welles Henderson Collection on the Port of Philadelphia. Three centuries of the history of one of America's greatest ports will be presented in oil paintings, prints, documents and memorabilia such as: A pre-Revolutionary boatbuilder's account book, a passport signed by Townshend of Stamp Act fame, a bond of 1789 signed by a Chinese merchant, and sketches of life aboard a packet ship. The Henderson Collection—the largest on this subject in private hands—brings to life the days of Barry, Truxtun, Decatur, and Girard. From October 16 to November 25. Hours: 9 a.m. to 10 p.m. daily; Sundays 2 to 6 p.m.

This exhibit, as are all events at the Library, is free of charge.

## YOU AND YOUR FAIR SHARE GIFT

Your fair share gift to the United Fund just once a year may help a crippled child walk as well as to support life-giving blood, health, hospital and disaster programs serving Greater Philadelphia around the clock.

You are the "U" in United Fund. You and your friends are among the million persons who benefited last year from the 250 health, welfare and recreation agencies it supports.

How do you measure your fair share gift to the United Fund? By the child who found a home. By a mixed-up kid set on the right track or a patient helped back to life and health. By the Fair Share Standard of 10 hours' pay but at least 25 cents a week.

The price of an extra cup of coffee a day . . . a quarter a week . . . that breaks down to a quarter of a cent for each of the vital health, welfare and recreation agencies you support through your Fair Share gift to the United Fund. Many are giving far more than this minimum needed to keep Philadelphia a good place in which to work.

Did you know that the United Fund supports 250 separate agencies and services in the Philadelphia area which help people help themselves? You're asked to give just once-a-year for all of them.

## FABRIC OF FREEDOM

Business men, people sometimes say, over-emphasize economic freedom and pay too little attention to other aspects of freedom.

The fabric of freedom must be whole. There is little point in trying to cut it up, to see if economic freedom is the most important, or whether religious freedom or academic freedom or political freedom count the most. Freedom is for people, not for things or for groups.

However, it is in our economic lives that most of us have our principal day-to-day contact with our heritage of freedom. Moreover, it is our economic system which provides the sinews for the defense of freedom. If we lose economic freedom, we may not be able to keep freedom in any other form.



## PHILCO DEVELOPS FIRST 7-BAND 9-TRANSISTOR SHORT-WAVE RADIO

### PERFORMANCE AND CONVENIENCE STRESSED IN NEW SET

An all-transistor short-wave radio, operating entirely on ordinary flashlight batteries, was put on the market by Philco in November.

It is the first fully transistorized receiver which covers all six short-wave broadcast bands as well as the standard-broadcast band, according to Donald G. Fink, Philco's Director of Research.

By using transistors and flashlight batteries instead of tubes and battery pack batteries, Mr. Fink said, Philco engineers have produced the lightest, smallest and sturdiest radio of its type.

The Company has put over two years of research into the T-9 "Trans-World" portable. The T-9 weighs less than 20 pounds.

"Our engineers were encouraged in designing this set to 'throw the book at it,'" Mr. Fink pointed out. "Performance and convenience rather than price, were our major objectives."

Key to the development of the T-9, he disclosed, is the use of "surface barrier" transistors, which were developed by Philco and widely used in electronic computers and military equipment.

"Since transistors consume less power than tubes and operate at lower voltages," he explained, "it was

possible to design the T-9 to operate entirely on six standard flashlight batteries. The bulkier combination A and B battery packs used in radio-tube portable short-wave receivers have been replaced by inexpensive batteries available around the world. Battery cost is cut to less than a cent a day."

He said the new portable could be taken on a six-month trip and used two hours every day without the flashlight batteries having to be replaced.

To bring in weak, distant short-wave signals satisfactorily, the receiver uses nine transistors, five of which are the "Surface Barrier" type. Eight of them serve in amplifying the signal, which can be magnified over ten million times, Mr. Fink said.

To prevent blasting from strong, nearby signals, an automatic volume control circuit can reduce the power amplification a million times, he added.

Four transistors are used specifically to "separate" stations, preventing one short-wave station from interfering with another on an adjacent channel.

"The T-9's station selectivity power ratio is one hundred times greater than that of conventional standard broadcast receivers," Mr. Fink said. "And to take advantage of this selectivity, the short-wave bands are 'spread' over the whole width of the dial, giving each station from ten to 15 times more dial space than on conventional dials."

Faster tuning is accomplished by an exclusive "fly-wheel" feature: the tuning wheel is weighted, so the tuning knob can be spun across the dial. The tuning ratio is 14-1.

## DAUGHTER OF PHILCO ENGINEER ASPIRES TO THEATRICAL CAREER

When John Merklinger, Philco engineer, and Mrs. Merklinger attend-



Anne Merlin, the daughter of John Merklinger, Philco engineer, and Mrs. Merklinger of 1748 East Mayland Street.

ed performances at the various music tents adjacent to Philadelphia this past summer they had more than a casual interest in the shows because their daughter, Anne Merlin, was in the cast of two of the musicals.

Anne at 18 already had seven years' singing, dancing and acting experience before joining the casts of "Plain and Fancy" and "Show Boat" in the productions given this summer at Valley Forge Music Circus, the Camden Music Circus and the Westbury Music Circus. She started singing on the Horn and Hardart Children's Hour when she was 11 and was so well liked and successful she was a permanent fixture on the program for five years. Meanwhile Anne studied tap and interpretive dancing, classical and popular singing. Two distinctly different singing voices were adopted by Anne: soprano for light classics, alto for popular ballads.

At Germantown High School Anne was an active member of the school's ballet troupe as well as an

ingenue lead with the Germantown Theatre Guild, Stagecrafters and Allens Lane Art Center. For two summers Anne was an apprentice with the Gateway Playhouse at Somers Point, then during her senior year at Germantown High she appeared in the Philadelphia area as featured vocalist with Chuck Gordon's Orchestra for ballroom, hotel and prom engagements.

Following graduation from high school in 1956 Anne became a clerk in a business office, although she continued to sing with the Gordon Band three or four nights a week. She studied dancing with Jean Williams and acting with Jasper Deeter when the Merklingers decided their daughter was too young to accept the night club offers she had.

Anne is set upon having a career before she settles down—so you may hear any day of her being cast in a stage role as an actress, a singer or a dancer, or even all three!





Employees from Plant 10 line up in Plant 3 Dispensary to register with Patricia Sanford, prior to receiving flu vaccine shots.

An injection of vaccine is prepared for Alice Broskey, Dept. 43-503, by Nurse Beth Fuller in Plant 3 dispensary. Mrs. Broskey's son, John, is in the Philco Appliance Division.



## FLU IMMUNIZATION STARTS

Immunizations against Asiatic flu are being administered to all Philco employees who desire them. They are being performed at cost, and are being given as sufficient vaccine becomes available. Considerable progress has already been made, with many factory and office workers receiving the anti-flu shots.

Dr. J. P. Repetto, Philco Medical Director, has strongly recommended immunization against the disease which, it is feared, may reach epidemic proportions this year. A single injection of vaccine given in the arm gives protection to most individuals against the disease for a year or more, he stated.

Drug makers are hustling to rush anti-flu vaccine into doctor's hands, according to a recent article in

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Dr. J. P. Repetto, Philco Medical Director, watches as Supervisor of Nurses Ann Tucker Boiston injects anti-flu vaccine in the arm of Ralph Pritchard of Plant 10.



## PHILCO "SLENDER SEVENTEENERS" . . . ROLLING AT FOUR-A-MINUTE!



The assembly line for the Slender Seventener on the second floor of Plant 10.



Philco checks and double checks: every Slender Seventener must live up to Philco's high performance standards. This kind of quality control means longer, trouble-free TV reception.

The Slender Seventener—at the rate of four-a-minute—reaches the packing operation on the second floor of Plant 10—ready for shipment to Philco distributors throughout the country.

A two page advertisement which recently received National prominence in the trade press featured production scenes in Plant 10. On this page you will see reproduced the photographs used in the ad.

The ad reads, in part, "It's the greatest success story of the year in the television industry . . . the Philco Slender Seventener . . . the set that scooped the market in style, design and performance!

"The response, first from the trade and then from the public, has been absolutely overwhelming. To keep up with the demand, they're rolling off Philco's assembly lines at the rate of FOUR A MINUTE!

"Yes, without question, it's the HOTTEST SET in the business! You know it, we know it, and now the public knows it . . . there's nothing else on the market that matches it for looks, for beauty and for picture quality! It's the only set that's truly original in concept, that really takes full design advantage of the new 110° tube!"







Gifts from friends in the Advertising Order Department at Plant 22-B, Third and Glenwood, please the recipient, Eunice Shreiber.

## MAN-MADE MARVELS

From such basic substances as oil, natural gas, ores, air, and water, American industry's research laboratories have created hundreds of useful products for better living.

The research scientists have created new textile fibers out of natural gas, wonder drugs out of coal, stainless steel out of earth—and new wonders are yet to come in industry's never-ending research and development.

Playtime builds healthy, happy citizens at 60 Red Feather youth and recreation agencies, 8 Salvation Army community centers, 50 summer camps and 25 day camps supported by your United Fund gift.



Cass Ryan pins a corsage on Priscilla Catona, A.S.B. Lab in Plant 50, at a shower in honor of Priscilla given by friends and co-workers.

## FIRE PREVENTION TIPS

### **DON'T LET ANYONE IN YOUR FAMILY SMOKE IN BED!**

Fires are often caused by people falling asleep with a lighted cigarette in their hand.

### **BE CAREFUL OF CIGARETTES, CIGARS AND PIPES!**

Make sure that those in your family who smoke are careful. Don't let them leave lighted cigarettes on table edges or in other places where they might cause fires. Make sure that there are plenty of ash trays.

### **DON'T PLAY WITH MATCHES!**

Make sure that none of the young children in your family play with matches.

### **KEEP HEATING SYSTEMS IN REPAIR**

Necessary repairs should be made without delay. Defective heating systems are a primary cause of fire in the home. Be on your guard to eliminate this ever-present hazard.

### **WATCH FOR OVERLOADED WIRING!**

This simply means too many plugs in the wall. Make sure that no one in your family puts too many plugs into one wall outlet. Too many wires can make the wire in the wall get hot and this can cause a fire.

### **DON'T USE FLAMMABLE CLEANING FLUIDS!**

Make sure that any cleaning fluid your family uses is not flammable. You can be sure by reading the label on the container.

### **WATCH FOR FRAYED ELECTRIC CORDS!**

Check your whole house for electric wires that look worn or broken. These are very dangerous and can be easily fixed.

### **DON'T LET JUNK PILE UP IN THE ATTIC OR CELLAR!**

Give your house and garage or barn a good inspection. Old rags—newspapers—mattresses—broken furniture and other junk should be removed. Watch for old paint cans and other flammable materials.

## MORE CHURCHGOERS

The number of church members in the United States has passed the 100-million mark, for the first time in history. There are now 100,162,529 church members of all faiths, compared with 97,482,611 last year, according to the National Council of Churches.

Church membership in the past year again outstripped population gains, the council reports. There are 2.8 per cent more church members as against 1.8 per cent more people. The report says the total shows that 60.9 per cent of Americans belong to churches, the highest percentage on record. By comparison, it was 57 per cent in 1950; 49 per cent in 1940, and 36 per cent in 1900.

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Art has always interested Ruth Brethwaite, a riveter in Plant 14, shown with some of the sketches she has made recently. She has studied at both the art centers at Cheltenham and the Graphic Center and spends many happy hours with her hobby of sketching.

### MORE CHURCHGOERS

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One hundred years ago, in an age popularly considered to be devout, less than 20 per cent of Americans were members of a church, the council notes.

Although Americans are called materialistic, the church figures seem to disprove that charge.



Mr. and Mrs. John Haggerty after their recent marriage at the Church of St. Mary the Eternal. John is in the Philco Photographic Department, where Mrs. Haggerty (the former Henrietta Yenessa) used to work. James Haggerty, a brother of the groom, is also a member of the Photographic Department.



In Lourenco Marques, Portuguese East Africa, the Philco trademark rides around on the sides of the city's buses, thanks to P. Santos Gil & Cia., Ltda., the distributor in that city.

### FLU IMMUNIZATIONS

(Continued from page 6)

the Wall Street Journal. By November 1, the article states, there'll be between 35 million and 45 million doses available, enough to inoculate little more than a fourth of the nation's population.

The Public Health Service, as of the first of the month, had cleared a total of 10,669,091 doses of the vaccine for shipment to the military and civilian markets. Most of these drug companies report they are at their maximum output now.

Available vaccine is made to go further by injecting it "intracutaneously", or directly into the skin. The American Medical Association is quoted as saying this method requires only one-tenth the normal dosage. However the process requires considerable care in injecting the vaccine, whereas injection beneath the skin can almost be done on an assembly line basis.



TechRep Golf Club winners line up for an official picture. On September 17, twenty-eight members of the TechRep Division Golf Club participated in a medal play tournament held at Sandy Run Country Club, Oreland. The division trophy was awarded to Len Smith for low net score. Other prizes were given to the next five low net scores. Division Winners from the left are: Bob Hallett, Stan Myers, Dick Devlin, Pat Patrie, Bill Franck—second low net; Chuck Campbell, handicap chairman of Golf Club; Len Smith, Club Champion, 1957; Dan Dimmig, president of Golf Club; Al Schulze, Tony Scicchitano, Ed Saxton.



## HOW A BETTER BREAKFAST BENEFITS YOU

Teen-age girls are notorious breakfast-skippers. Surveys have found that almost 60 per cent of this age group habitually eat breakfasts that are not adequate for their physical needs. Nor are teen-age girls the only culprits—one-third of teen-age boys and one-half of the adult population skip or skimp breakfast.

Research at the College of Medicine of the State University of Iowa has demonstrated that for the young and old alike, good breakfast habits are essential for maximum efficiency, both mental and physical, during the late morning hours and that a basic cereal and milk breakfast is a sound one.

The light, modern cereal and milk basic breakfast composed of fruit, cereal, milk, bread and butter and providing one-fourth of the daily caloric requirement and one-fourth of the daily protein requirement is superior in maintaining efficiency in the late morning hours compared either to a smaller or a larger breakfast.

Wives who allow their husbands to sleep a few extra minutes and

then to go off to work without a good breakfast really are not being kind to their husbands. Husbands need a good morning meal in order to be prepared to cope with the strains and stresses of modern industry and business. Many men are concerned with overweight or other health problems. The light, modern cereal and milk basic breakfast is most helpful to this group of men. It provides adequate protein, B vitamins, minerals and food energy with a minimum of fat. Try a basic breakfast of fruit, cereal, milk, bread and butter and see if work does not go better and if you do not feel better, especially in the late morning hours.

Each year in September professional, educational, and industry groups are invited to co-operate in September National Better Breakfast Month now in its seventh year and sponsored by the Cereal Institute.

Be a Better Breakfast Booster. Encourage the entire family to start the day right with a good breakfast.

## LEGAL AID SOCIETY REOPENS BRANCH

The Temple University Branch of the Philadelphia Legal Aid Society, in Reber Hall 1715 North Broad Street, has reopened. The office is open to the public from 4 p.m. to 8 p.m. every day except Saturday and Sunday.

The Temple University Branch is a division of the Legal Aid Society of Philadelphia, a constituent of Community Chest. The main office of the Legal Aid Society is in the Harrison Building at 4 South 15th Street.

The services of the Legal Aid Society are available to clients in civil cases who are unable to pay lawyers. The Temple University Branch provides evening hours for those who need them, and supplements the main office in central city in serving more than 16,000 cases annually.



Every day of the year, this alert, healthy father eats a good breakfast as part of his weight control program and to increase his efficiency and well-being. This 600-calorie breakfast planned according to a basic breakfast pattern of fruit, cereal, milk, bread and butter (recommended by leading doctors and dietitians as an adequate breakfast) provides one-third of the day's allowance on an 1800-calorie reducing diet or would be an adequate morning meal for an adult male on a normal diet to maintain weight loss. Here is a 600-calorie Breakfast Menu: Grapefruit, 1/2, Oatmeal, 2/3 cup cooked, Bran Muffin, Butter, 1 teaspoon, Milk, 1 1/2 cups, Coffee, black, if desired.

## HALLOWE'EN

The Christian origin of Hallowe'en refers to the eve of All Hallows or All Saints Day. According to Catholic theology, it is a feast day on which prayers, alms, deeds and the sacrifice of the Mass are offered for the souls of the departed.

The ancient Egyptians, Romans and even the American Indians had their own versions of Hallowe'en, believing that witches at certain times wandered the earth, killing farm animals, stealing babies, and doing all sorts of evil things.

Today the belief in evil spirits, ghosts and witches has given way to various sorts of mischievous pranks, and that's about it!

The "Jack-o-Lantern," according to legend, represents a stingy man named Jack, who is forced to wander the earth carrying a lantern until Judgment Day since he was barred from both heaven and hell.



William J. Jamieson, Jr., the six months old son of William Jamieson of the Quality Control Department in Plant 14. He is the grandson of William Jamieson, Sr., of the Spring City Engineering Department.





TechRep Division friends of Bonnie Quinn attend shower at Scialla's Supper Club. Bonnie was married on October 5 to George Kramer.

## PHILCO NOW PRODUCES NEW "FIELD ACCELERATED" TRANSISTORS

Philco has announced a major breakthrough in high frequency transistor technology and production—an entirely new class of "field accelerated" transistors capable of operating through the entire very high frequency (VHF) and part of the ultra high frequency (UHF) spectrum.

These new Philco transistors are called MADT, Micro Alloy Diffused-base Transistors. They have been made possible by the MADT process and they represent a tremendous advance in the electronic capabilities of transistors.

The true significance of MADT's lies in the impact they will have in the design and application of advanced electronic equipment formerly beyond transistorization. They operate at switching speeds comparable to the speed of light, speeding up the logic computational performance of computers required for missile tracking and interception. Truly high performance military communication equipment will be possible also, radar IF amplifiers, wideband video amplifiers and other critical high performance circuitry can now be transistorized.

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Helping nearly 11,000 families hurdle their problems last year were family counseling agencies receiving their operating expenses from the United Fund. Your gift to the campaign this Fall will keep these community services on the job next year.

## PHILCO-ITES ON AMA PROGRAM

A. N. Yovish, Philco Director, Salary and Wage Administration, will be discussion leader at an orientation seminar of the American Management Association meeting in New York November 11, 12 and 13. "Job Analysis for Safety" will be the subject of a talk to be made by J. M. Transue, Philco Security Director, at the second day of the sessions. Membership in the Association includes the majority of the largest companies in the country.

## OCTOBER

In olden times, people tried to change the name of the month of October. The Romans changed it four times—to Germanicus, Antoninus, Faustinus, and Hercules. Those names honored General Germanicus Caesar, Emperor Antoninus Pius, Antoninus's wife Faustinus, and Emperor Commodus, who considered himself the Roman Hercules.

• • •

In every square mile of land live as many inhabitants of the insect world as there are men on the earth—over two billion.

• • •

Wherever they are, the USO brings a taste of home to approximately 85,000 Philadelphia area men and women wearing Uncle Sam's uniforms. Your United Fund helps provide these USO lounges, clubs and camp shows.

• • •

Arthritis or rheumatism hits one out of every 16 persons. Doctors and researchers look to you and your United Fund for aid in the search for cause and cure of this, the nation's oldest cripple.



Joseph Messinger, Dept. 11-508, receives a gift and the best wishes of his friends in Plant 50 upon his retirement.





Two members of the day's outing party sponsored by Material Control in Plant 2—Ed Gardner, Ind. Eng., standing, and Alex Burnisky, a supervisor in Plant 10—on the fishing boat hired for the occasion at Stone Harbor. A large catch of fish was reported and Fred Wilson was winner of the pool for the champion sized flounder he hooked.

## PLANT 14 JOTTINGS

William Jamieson has been named chairman for the appearance, on November 7 at Abington High School Auditorium, of the choir of Father Flanagan's Boys' Town under the auspices of the Old York Road Junior Chamber of Commerce for the benefit of work among retarded children in Montgomery County.

Golfers in the plant, among them Marty Krivulka, and Joe Twigg, are in steady practice preparing for the golfing weather ahead.

Supervisor Joe Lambert has returned to work after several weeks of illness. Rachael Haslam and Louise Paprzycki, both of whom have been hospitalized recently, expect to return to their work in Plant 14 shortly.

## NEWCOMER TO HUMPHRIES FAMILY

Jeffrey Scott Humphries, the son of Charles J. Humphries, formerly of the Philco Plant Protection Department, and Mrs. Humphries, was born September 17 at Nesbitt Memorial Hospital, Kingston, Pa. The infant is the grandson of Frank Humphries, Sr., Philco Safety Superintendent. His uncle, Frank Humphries, Jr., is in Computer Application Research.



The first birthday of Susan Carol Schmdier, daughter of John and Margaret Schmdier, was celebrated earlier this month. At her birth Susan Carol weighed only three pounds, twelve ounces. Her proud father is a member of Dept. 10-574 in Plant 50.

## MICROWAVE

(Continued from page 2)

Corporation's Government and Industrial Division, will relay network TV programs from St. Louis to Poplar Bluff and Dexter, Mo., and Paducah, Ky. Black Hills Video Corporation of Little Rock, Ark., will operate this multi-hop community television system. One of the outstanding features of this microwave system is the long distances over which the television signals will be relayed.



Jane Ann McKeown, the year old daughter of William J. McKeown of the Packing Design Lab in Plant 50, seems to enjoy whatever the photographer is telling.

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