

THE WORLD
Treat to Go Dutch"

PHILCO *News*

FEBRUARY, 1958



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Serving 118 cities in
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A Four Gallan Club pin, worn proudly by Edward J. McCabe to symbolize the blood he has donated to the Philco Blood Program, is examined by James M. Skinner, Jr., President of Philco. Mr. McCabe's supervisor in Receiving and Stores, Clayton Ziegler, is center. Mr. McCabe has contributed more than the 32 pints of blood which makes him eligible to wear the pin because he gave blood long before the Philco program was put in operation. He is one of the eighty-six Philco-ites, incidentally, who belong to the Gallan Club contributors to the Philco Blood Program. The Bloodmobile will visit the C and Tioga Street area May 13 through the 16, and the Government and Industrial plants May 14, 15 and 16. A total of 1,000 pints of blood is being sought this Spring to replenish the blood bank for Philco employees and members of their immediate families.

MISS AMERICA AGAIN TO TOUR ITALY FOR PHILCO DISTRIBUTOR

Miss America 1958, Marilyn VanDerbur, will help open our Italian distributor's National convention at Rapallo in March, and then tour the country for personal appearances at dealers' stores during a 30 day itinerary.

This visit will mark the third consecutive year Atlantic Electric Company has had Miss America attend this important overseas activity in her role as a goodwill and sales ambassador. More than 1,000 dealer representatives attend the business sessions of the Rapallo meetings to inspect new lines of electronic and appliance products imported from the United States.

ALL-TRANSISTOR PORTABLE LINE SHOWN BY PHILCO

Philco this month introduced a new line of all-transistor portable radios ranging from a vest-pocket-size, 3-transistor model, "The Veep," to a 7-transistor "Scantenna" set, with a rotating handle-antenna unit, at attractive price levels.

"The Veep" operates on two small mercury batteries and is equipped with fine-tuning controls and a special "private listening" speaker. Comparable in size to the average king-size cigarette package, it measures 3¾" high, 2½" wide and 1¾" deep, and is offered in a Black and Ivory break-resistant case.

"Scantenna" models have twin Magnecor antennas, built into the handle, which are easily rotated 180 degrees to receive greater signal and higher sensitivity. These 7-transistor portables play up to 500 hours on just four ordinary flashlight batteries.

The line also features a pocket-size 4-transistor set which operates on pen light batteries, a 6-transistor model, with leather-like finish, operating up to 500 hours on regular flashlight batteries.

Philco is continuing its current 5-transistor set, the T-5, and the leather-type styled T-700, plus a modified version of its popular T-7, now known as the T-7X, at reduced prices.

In addition to the new transistor models, "Scantenna" is also featured in a new tapered-styled 3-way portable for AC, DC or battery.

Five-year guarantees are on Models T-5 and T-7X, with standard industry warranty on parts and labor for all other standard broadcast transistor and portable radios.



OUR COVER THIS MONTH

A vacation on the Philco plan (see next page) is discussed by Betty Rouse Massetti (left) and Barbara K. Rosen as the girls examine a map of Europe showing the foreign cities to be visited on the two week European tour. Later they explored the possibilities of the 10-day all expense vacation trip to Miami Beach also being arranged through your Company.



The glamour and thrill of travel in this country or abroad may be enjoyed by Philco employees this summer as a result of special plans worked out by your Company which will make the cost to you considerably less and the convenience considerably greater than if you arranged an independent trip.

Will it be fabulous Miami Beach—or even a flight to London with stays in that city, Paris, Rome, Lucerne, Amsterdam and Brussels with its great 1958 World's Fair?

Philco, in making elaborate plans for those who wish a vacation of travel, is also making it possible for you to get the utmost out of each hour and each day of your visit without your having the bother of arranging transportation and hotel accommodations on your own.

There are two vacation tours available. Both will be by airline on planes chartered exclusively for Philco employees. Members of your immediate family may go with you, however reservations are limited so that a bona fide employee of Philco must accompany the member of his family taking the trip.

Also since reservations are limited they will be made on a first come, first serve basis. For instance, on the European trip there are only 90 places; on the Miami Beach trip only 86 spaces.

Your plane for Europe will be the K.L.M. Royal Dutch Airliner chartered for an overnight flight to Europe. It will leave Philadelphia on July 20 and take you to London where you arrive the following morning and where you are met by K.L.M. representatives who will provide transfer to your hotel.

Following a morning of leisure you leave by private motorcoach (with a guide-lecturer) along the Great West Road to Stoke Poges, where you visit the churchyard and Penn Family section, and from thence on to

Eton to see the town and colleges. Next you see Windsor Castle and pay a comprehensive visit to the State Apartments. Your return is by way of Runnymede and Hampton Court Palace (where you see the magnificent gardens) and through Kingston and Chelsea to London.

On the second day of your stay in London you again go by private motorcoach with a competent guide-lecturer for sightseeing at Trafalgar Square; the financial district; St. James Palace; London Bridge; the Tower of London; St. Paul's Cathedral; Fleet Street; the Law Courts, and visit Dicken's "Old Curiosity Shop."

That afternoon your sightseeing includes the Marble Arch; Piccadilly Circus; Nelson's Column; the theatrical district; Pall Mall; the Mall; Buckingham Palace; Westminster Cathedral; Lambeth Palace; Parliament; Downing Street, and Westminster Abbey.

Tickets will be provided for an evening performance at the famous Palladium, followed by dinner at a well known London restaurant.

The following morning you leave London by plane for Paris.

On your first full day in Paris your English speaking guide-lecturer will take you to the Opera House; Church of the Madeleine; American Embassy; British Embassy; Elysee Palace; the "Arch of Triumph," for a visit to the Tomb of the Unknown Soldier; Bios de Boulogne; Eiffel Tower; Hotel des Invalides (where you see the chapel where Napoleon 1 and his brothers are buried); the Palais-Bourbon; Rue de la Paix, and Place Vendome.

Afternoon sightseeing includes ancient and historical Paris via Place des Victoires; the central market of Paris; the Louvre; Palace of Luxembourg, Sorbonne

(Continued on page 4)

TRAVEL ANYONE?

(Continued from page 3)

University; Cluny Museum; Notre Dame Cathedral, Palace of Justice; Place des Vosges, Sacre-Coeur de Montmartre.

After dining at a famous Paris Restaurant, the Philco party will be provided with tickets for the world renowned Folies Bergere.

Leaving Paris on your third day you proceed by private motorcoach for lunch at a country inn near Paris, followed by a visit to Versailles. Your return to the city is scheduled to give you time to prepare to leave, at 7:50 p.m., on the Rome Express for Italy. Sleeping car accommodations provided are in the first class double compartments.

After transfer to a hotel in Rome the remainder of the day is one of leisure for the visitors, however on the second day there will be city sightseeing by private motorcoach with English speaking guide lecturers. The itinerary includes visits to the Garibaldi Monument; St. Paul's Outside the Walls; the Protestant Cemetery with the tombs of Shelley and Keats; the Maxentius Circus; the ancient Roman Imperial palaces; Theatre of Marcellus; Piazza Venezia; Imperial Forum; the Colosseum; Arch of Constantine . . . and a breath taking view of the Roman Forum from Capitoline Hill. A special stop at San Pietro-in-Vinculo Church will give you the opportunity to see Michelangelo's "Moses."

That evening dinner will be at the beautiful Villa dei Cesari outside Rome.

On the forenoon of July 28 the Philco-ites will visit the Vatican to see the famed museums; the Borgia Suite; Sistine Chapel; Raphael's Rooms and Loggia; Gallery of Maps; Gallery of Tapestry; Museum of Sculpture, the Courtyard of Belvedere, and the painting gallery.

An audience with the Pope has been applied for.

That evening, dinner will be at the old and famous Restaurant Ulpia.

The following morning the visitors will leave by express for Florence. That afternoon a private motorcoach will again be used to take the visitors to such unforget-

table spots as the Church of San Michele; Piazzale Signoria and Palazzo Vecchio; Loggia Lanzi; the famous Uffizi Galleries; Santa Croce Church; Piazza Donatello; the English Cemetery; St. Dominics . . . and up to the heights of Fiesole for an impressive view of the town and the Arno River Valley.

Dinner will be at Restaurant Oliviero, overlooking the city and the hills.

Your last morning in Florence will be free for shopping and other independent activities, and at noon the party will leave by the Holland-Italy Express train for Switzerland. Travel will be by way of Milan, Chiasso, Lugano and through the magnificent St. Gotthard, to Lucerne.

Following a free morning for shopping and other activities, the Philco group will experience an exhilarating four and a half hour excursion, starting with a one hour cruise across the lake to Alpnachstad. From thence, by rack-pinion railway, the party will go to Pilatus Kulm, one and a third miles above sea level. During ascent, stops are made at the Esel and the Galleries for views. Upon returning to Alpnachstad the party will cruise along the lake to Lucerne.

In the evening the travelers will enjoy a unique experience, an evening's entertainment in a genuine Swiss atmosphere at one of the many small but quaint and colorful towns in the country, or on the lake. An excellent dinner, consisting of exclusively Swiss specialties, will be served, while a colorful group of yodlers in their native costumes will sing. You will also enjoy watching the custom of flag throwing, the folk-dances and the alphorn blowing contest.

At noon, on August 1, the party will go by express to Brussels, traveling via Basle, Strassbourg, and Luxembourg, and arrive in Brussels, site of the giant 1958 World's Fair, in time for dinner.

Sightseeing will take up the following morning along with a visit to the World's Fair. From the latter the party will go by way of Rotterdam and the Hague to Amsterdam for dinner at the well known restaurant, "Five Flies." The chartered flight by K.L.M. Royal Dutch Airlines for home will leave August 3, and that evening you are back in

Philadelphia with unforgettable memories of scenes and friendships made.

In addition to the European trip, Philco is arranging for those employees who want a shorter vacation in this country, a holiday in Miami Beach. Again you will travel by chartered airliner expressly reserved for Philco folks. A beautiful beach front hotel is your home at Miami Beach and here you have the sport of swimming in a large salt water pool, sun bathing on the sandy private beach, and shopping in the exclusive stores.

Motor tours to see Miami, Coral Gables, the Riviera section, Coconut Grove, the Venetian Pool and a Seminole Indian camp have been arranged. Then there will be a cruise to show you the waterfront estates of Miami and Miami Beach, the \$16,000,000 James Deering Estate and the Florida Keys. Another day you will see the Miami Seaquarium, "the show windows of the deep," with its vast collection of marine life.

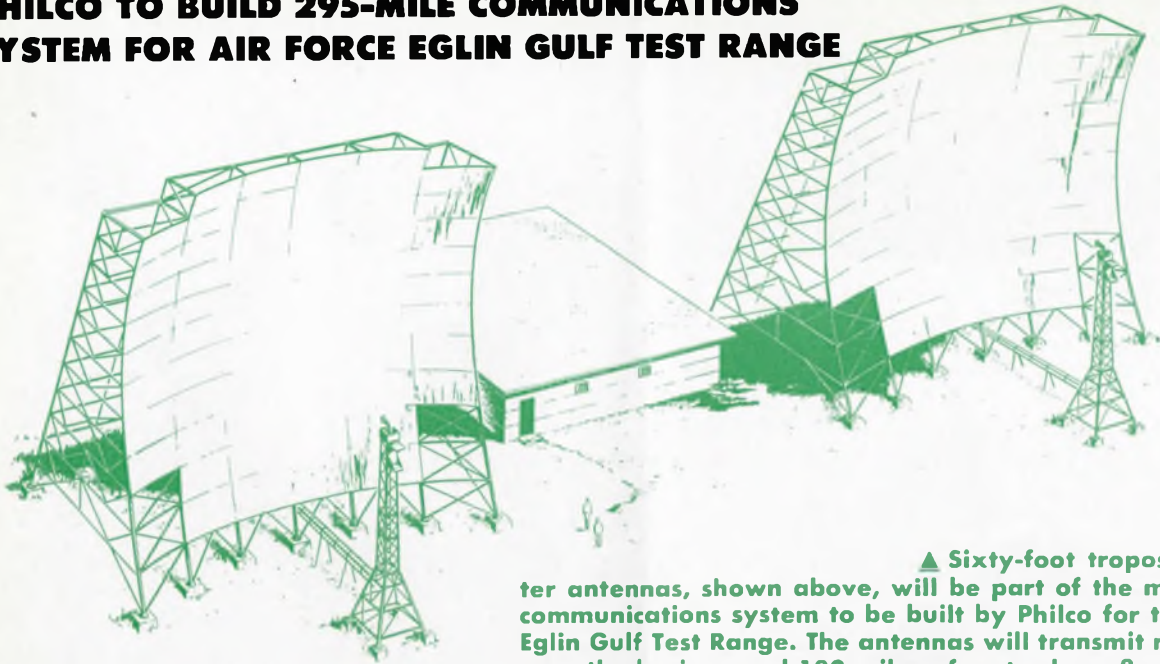
The tenth day, after an evening of fun complete with dinner, floor show and dancing at a select supper club, you will depart from Miami for Philadelphia.

In planning these vacations Philco is giving you trips for which costs will be kept at a minimum. They are so organized that you pay in a lump sum for transportation, hotel, tours and meals, and at rates you could not manage to get on your own.

Realizing that nearly everyone will be interested in one of the vacation plans and equally interested in obtaining sufficient funds to take advantage of one of the offers, you Company has arranged through the Philco Savings Plan to help you set up a budget to meet expenses. If you are not currently saving regularly it is a simple matter to open an account through Richard Thompson (Ext. 415) Western Saving Fund Society representative. Or you may apply for a loan thru the First Pennsylvania Company to be repaid by weekly payroll deductions. Telephone ext. 401 for information on this latter method.

If you are interested in either of the trips you may receive full information by calling the Philco News Office on Extension 418.

PHILCO TO BUILD 295-MILE COMMUNICATIONS SYSTEM FOR AIR FORCE EGLIN GULF TEST RANGE



▲ Sixty-foot tropospheric scatter antennas, shown above, will be part of the multi-channel communications system to be built by Philco for the Air Force Eglin Gulf Test Range. The antennas will transmit radio signals over the horizon and 180 miles of water by reflecting the signals off the earth's troposphere. Two towers will be erected at each site—Cape San Blas and Anclote Point, Fla.—for spanning the Gulf of Mexico.

A contract to build a 295-mile communications system for the Air Force Eglin Gulf Test Range has been awarded to Philco Corporation's Government and Industrial Division.

Outstanding features of this communications project are the 115-mile microwave relay system and the 180-mile, single hop, tropospheric scatter system. This over-the-horizon scatter hop will span the Gulf of Mexico from Cape San Blas to Anclote Point, about 25 miles northwest of Tampa, Fla.

The contract was awarded by the Mobile (Ala.) Air Materiel Area (MOAMA), Brookley Air Force Base. Technical requirements will be monitored by the MOAMA engineering staff.

Over-the-horizon scatter hops, such as this, are accomplished by reflecting radio signals off the earth's troposphere. The signal is transmitted at extremely high power from large parabolic antennas. Philco will build two 60-foot parabolic antennas at each end of the 180-mile hop.

The five-hop microwave relay system will originate at Eglin Air Force Base and connect with the scatter site at Cape San Blas. This four-frequency microwave system will carry over 100 voice channels, but can be expanded to 240 channels.

The entire project will cost two million dollars and be completed within 18 months.

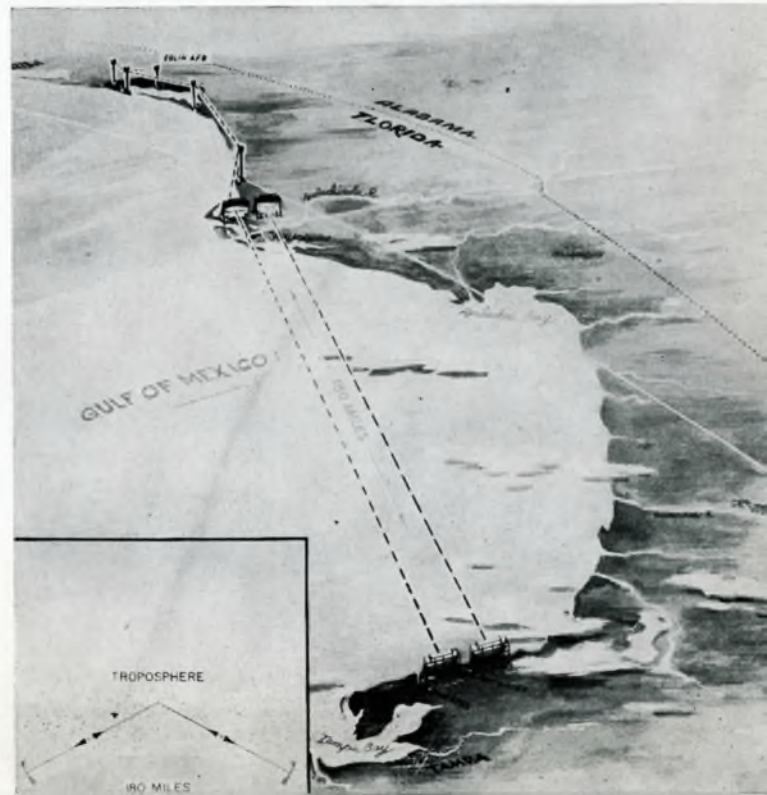
The system will be used for the transmission of timing, telemetering, radar data and voice signal information along the Eglin Gulf Test Range.

The map shows the 295-mile microwave relay and tropospheric scatter communications system to be built by Philco's G & I Division for the Air Force Eglin Gulf Test Range along the Gulf of Mexico. Insert shows how radio signals are transmitted over the horizon by reflecting the signals off the earth's troposphere.

In order to meet the top performance and unattended reliability requirements specified, Philco will use its recently developed frequency diversity wide-band communications equipment. For complete flexibility, back-to-back terminals will be used at every station to provide independent circuits in each direction.

Frequency diversity provides continuity of transmission of microwave signals since messages are transmitted simultaneously over two parallel paths. Therefore, if there is a loss of signal on one path, due to fading or over-water reflection, the messages continue uninterrupted on the other frequency.

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PRODUCTION—Workers in Philmont Enterprises are instructed on methods by their adviser in this field, Ruth Fisher, of Dept. 43-503.



BOOKKEEPING EXPERIENCE—Technical points in keeping the firm's books are explained by Al Schimpf, Corporate Accounting, business adviser for the teenager group.

JUNIOR ACHIEVEMENT:

Philco, for the ninth consecutive year, sponsored a Junior Achievement group among teenagers of the city in order to let them have a preview of the business world by giving them practical experience in financing, management, production and selling.

This "learn by doing group" has been advised by Philco employees who have volunteered their services to show the young people how a business is organized, financed and conducted. After a year of Junior Achievement the youngsters have received practical training in the formation of a company, the selling of stocks, the purchase of raw materials, the manufacture of products, the keeping of books, the making of sales, preparation of payrolls . . . and, at the end of the year, how stockholder meetings are conducted and annual reports made.

The group sponsored by Philco formed a manufacturing company which called itself Philmont Enterprises. After "incorporation" along the lines of any other manufacturing company, the group sold stock to members of their family, their friends, neighbors and schoolmates.

SALESMANSHIP—Prospective customers, at the Junior Achievement "open house" at 4955 Frankford Avenue, hear the sales pitch of Lillian Bradley, St. Hubert's High School, who was sales manager of the group sponsored by Philco.





SALES CAMPAIGN—An analysis of the potential market for the Junior Achievement group sponsored by Philco is given by David Moore, Philco Salaried Personnel, advisor for the group. ▼



TEENAGERS GAIN BUSINESS EXPERIENCE BY PRACTICE

Then raw materials were purchased and the product—a snack bowl—was turned out under the direction of Ruth Fisher, of Philco, who served as production adviser. Briefings by David Moore, Philco Salaried Personnel, were given to salesmen who disposed of the products made by their fellow Junior Achievers. Funds derived from sales were deposited in the Achievers' Bank, a banking set-up which employed checks and bookkeeping methods similar to those of real banks.

Al Schimpf, of Philco's Accounting Department, advised the boys and girls on financing and accounting in his capacity as business adviser.

At the recent "open house" program at 4955 Frankford Avenue, Philmont Enterprises headquarters, there was a meeting of stockholders and the Enterprise president made a report which showed the Company had made a profit during the 1957-58 season. Members of the community were invited to see at first hand how a Junior Achievement program is conducted and to view a display of the products sold by the group.

STOCKHOLDERS—A report on the balance sheet of Philmont Enterprises is given at year's end by the president, John P. Mohan. ▼





Mr. and Mrs. William M. Carey at a wedding reception in their honor at the Presidential Apartments last month. Mrs. Carey is the former Jeannette Theresa Crisconi, daughter of John P. Crisconi of White-marsh. She is a graduate of Mount St. Joseph's Academy and Immaculata College. Mr. Carey is Manager, Business Operations, G. and I. Division, Plant 50.

PHILCO JOINS IN STUDY OF ENVIRONMENT EFFECTS

Man in his physical environment will be the target of an ambitious research project slated for Philadelphia in connection with the International Geophysical Year.

Joining forces in the study are members of the University of Pennsylvania Graduate School of Medicine and Graduate Hospital, Philco, Drexel Institute of Technology, the Office of the Medical Examiner and Villanova University. Their combined resources will make possible an 18 month study of the effects of climatic factors on human health and behavior.

Designated as the International Biometeorological Study in recognition of its far-reaching aspects, the study will utilize identical medical and meteorological data collected in Holland and West Germany concurrently with the local project. Dr. S. W. Tromp, geophysicist and consultant to the United Nations, heads a group of investigators who will conduct the Dutch Program. Dr. H. Jungmann of the West German Meteorological Service is responsible for collection and evaluation of identical data in Hamburg.

Comparison of the findings promises to contribute greatly to this study, since local weather conditions, climate, racial and social backgrounds and nutrition of the population differ radically in Germany, Holland and the U. S. A.

There has been evidence for some time that certain types of illnesses, accidents, suicides, homicides and even absenteeism fluctuate with weather conditions. According to a recent report by F. B. I. Chief J. Edgar Hoover, the crime rate rises during periods of hot, uncomfortable weather. A scarcity of statistics and



Mrs. Joseph Brophy, the former Joan Marie Sessa, of Appliance Warranty, Plant 8. Mrs. Brophy is the daughter of Marie Sessa, of the Research Labs in Plant 2, and Alfred Sessa, of Plant 14.

the scope of the field to be covered have prevented organized study of the effects of weather and climate. This is particularly true of two vital atmospheric elements: Ionization and Atmospheric Electricity.

According to Dr. George M. Piersol, Emeritus Professor of Medicine and Physical Medicine and Rehabilitation, and Dean of the Graduate School of Medicine of the University of Pennsylvania, the research program will correlate medical and meteorological data so that the interaction of the two may be scientifically verified.

A meteorological station will be built at the Drexel Institute of Technology to obtain atmospheric data, while medical information will be compiled daily from the records of more than 3,000 hospital bed patients.

In addition to study of the 3,000 cases daily, medical data from the Office of the Medical Examiner, Dr. Joseph W. Spelman, will record statistics on accidental and natural deaths, suicides and homicides. Dr. Frank C. J. McGurk of Villanova University will furnish figures from schools and industries on factors such as absenteeism, tardiness, alertness and behavior, and also serve as staff psychologist and statistician.

Philco and the Drexel Institute of Technology will design and build equipment for the meteorological station which will record and measure temperature, humidity, pressure, insolation, direction and speed of wind, precipitation, ionization and atmospheric electricity. Other data will be supplied by the U. S. Weather Bureau stations.

Research in the field of air ionization has been underway at Philco for the past five years. Special ion counters and other instruments were developed and used in clinical tests at the Graduate Hospital of the University of Pennsylvania and the Company has equipped its new air conditioners with ion generators. In addition to equipping the meteorological station,

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PHILCO TO BUILD NEW COMMUNICATIONS SYSTEM

(Continued from page 5)

Frequency diversity of the microwave relay link will operate in the 7,000 megacycle range and the tropospheric scatter link in the 2,000 megacycle range.

A leader in the electronics industry, Philco designed and fabricated its first microwave relay equipment in 1942 to beam television programs from New York to its Philadelphia TV broadcast station. Programs also were relayed as far as Washington, D. C.

Microwave, which is line of sight transmission of "beamed" radio signals from one relay tower to another, has many advantages over the use of wire lines.

It is less expensive to install and maintain, and it is far more reliable during severe weather conditions. Use of microwave simplifies right-of-way clearance for traversing properties and more important, it lends itself to economical expansion of its channel carrying capacity.

Robert J. Morris, a Philco employee for twenty-five years, is leaving to take a position as Superintendent of Weights and Measures in Gloucester County, N. J. Bob is now serving his fifth year as mayor of Deptford Township. He was a production supervisor for eight years at Philco and for the last three years has been with the Engineering Department.



Gifts to remember fellow workers by in Technical Publications were presented Ruth Stein (seated at desk) and Lorraine O'Neal (directly behind Ruth) at a recent farewell party in Plant 17.



A gift to help him enjoy his retirement is presented to Earl Hendricks by a committee from the Maintenance Department at Plant 50 headed by Mel Warsing, Department Superintendent.

Good luck in the leisure days ahead are wished Martha Turner (with gift) at a party given for her in Plant 14. The retiree, a member of Dept. 43-509, has been with the Company for the past 15 years.

Friends in Plant 6 stage a luncheon for two retirees. Left Emma Hall receives a farewell gift from Gertrude Duffy on behalf of friends, and right (with dotted dress) Lottie Black receives a farewell gift from Marie Buchanan on behalf of friends.



HEALTH CHATS

By JOHN P. REPETTO, M.D., *Philco Medical Director*

"Is there a new type pill that can be taken by mouth instead of taking injections of insulin for the treatment of diabetes?" This question is often asked by employees who are diabetic or have friends or relatives who are diabetic.

During the last war, while making an intensive research for new and better types of "sulfa drugs," scientists discovered that some of the compounds they were testing had the ability to diminish the amount of sugar in the blood. Although these original drugs were too toxic to use in humans, further search revealed a drug "tolbutamide" which appeared to be safe for use in humans and to have the ability to diminish the amount of sugar in the blood in some people. After extensive tests it was introduced to physicians as "Orinase" which is the trade name given tolbutamide by the Upjohn Company.

Information about tolbutamide is being rapidly accumulated. It appears to be of most value in the treatment of diabetic patients who acquired diabetes after the age of thirty, who tend to be overweight, who do not have serious complications, and who require injections of insulin to keep their sugar level down. Diabetics who acquire the disease in childhood generally have a different type of diabetes than those who acquire this disease in adult life, and this juvenile type does not respond to tolbutamide. Many times diabetics who are overweight are freed of their excess sugar by the simple process of reduction of weight to normal limits. Weight reduction should not be replaced by tolbutamide treatment. When an individual has a serious complication, such as loss of consciousness or infection, insulin should be used. Tolbutamide should not be used in individuals who do not require insulin.

Tolbutamide comes in tablet form and, after an initial period of a few days during which the dosage is adjusted and insulin reduced, two to four tablets per day generally are sufficient. The change-over from insulin injections to tolbutamide tablets can usually be done without hospitalization. Some few will require hospitalization. If adjustment cannot be made in 10 days, further attempts to stop insulin should be discontinued.



Philco transistors and their application in the Philco all-transistorized "TRANSAC" computer was one of the points of discussion during the first Philco "TRANSAC" orientation seminar held at the Warwick Hotel last month. Examining a transistorized printed circuit board from a "TRANSAC" computer are, left to right, Richard Clapp, Operations Research, Philco; George N. Putney, Systems Analyst, Arthur Andersen & Company, and John M. Nisbet, Sales Manager for "TRANSAC" computers.

There may be some side-effects from the medication. These are generally mild and can be controlled by your physician. So far, very few severe reactions to this drug have occurred and it does not interfere with any other medications that might be required. Occasionally, individuals who respond well to tolbutamide initially become resistant to its effect after a few months use. Although it is related to the "sulfa drugs," it is not of value in the treatment of infections and usually can be used by persons who can't take "sulfa drugs."

Remember then that tolbutamide is not a cure for diabetes and that although it stimulates the production of insulin, it is not a substitute for insulin. It usually works in older individuals and seldom is of value in young people, and it may lose its value after being effective for many months. It is not effective during acute complications, and it does not lessen the need for dieting, repeated sugar tests, and careful medical supervision. Information about this drug is being accumulated rapidly and many changes relative to its proper use are to be expected.

Many similar compounds are being tested at the present time, and it may be that one of them will be a substitute for insulin or even a cure for the disease. Tolbutamide is a step in that direction.

RESEARCH SYMPOSIUM HEADED BY PHILCO ENGINEER

The third annual Delaware Valley Operations Research Symposium will be held February 13 at the University of Pennsylvania Museum.

Theme of this year's symposium is "Industrial Operations Research—A Progress Report." It is being sponsored by the Philadelphia Section, Institute of Radio Engineers (IRE) and its Professional Group on Engineering Management; Delaware Valley Section, Society of Industrial and Applied Mathematics (SIAM), and Philadelphia Section, Operations Research Society of America (ORSA).

Symposium chairman is Hayden Ringer, an engineering manager at Philco Corporation's G. and I. Division. The program will deal with Operations Research advantages and limitations from the viewpoint of management, the engineer and the researcher.

Last year's symposium attracted over 300 engineers, mathematicians and management representatives. This year's attendance is expected to hit the 400 mark.

AIR NATIONAL GUARD FIRST

The first round trip, coast to coast, jet flight during daylight hours was made by an Air National Guardsman. Lt. John M. Conroy, California Air National Guardsman, ate breakfast with his family in Los Angeles, had lunch in New York City, and was back home on the West Coast for supper.



THEIR HEARTS ARE IN YOUR HANDS

... Ready for a lifetime of service, with treatment made possible by your United Fund gift.

At Children's Heart Hospital of Philadelphia where the watchword is "A heart saved today is a life tomorrow," long-term care of the cardiac child continues beyond medical and nursing care to schooling, playtime and finally the youngster's return to family.



Congratulations are extended Frank Fultano (with gift) upon his becoming a father for the second time. Friends in the Printed Wiring Section of Dept. 43-503 on the second floor of Plant 10 honor the proud father at a shower for Mary Ann Fultano, born early in January. This is the first baby girl in the Fultano family for the past 45 years.

PHILCO JOINS IN ENVIRONMENTAL STUDIES

(Continued from page 8)

Philco is contributing the services of a physicist, technician, electrical engineer, biologist and instrument designer to the forthcoming study.

The daily records of all medical and meteorological findings will be charted, matched and recorded on IBM cards for an 18-month period. An additional 18 months will be devoted to an analysis, evaluation and processing of the findings.



Her ambition to bag a deer was recently realized by Marge Getty, shown above with the deer she shot in the Allegheny Mountains in Centre County, Pa. Mrs. Getty credits her good marksmanship to the training of her husband, John Getty, an active member of Newportville Gun Club. She is in the Quality Control Department at Plant 14.

PHILCO CORPORATION
 TIOGA AND C STREETS
 PHILADELPHIA 34, PA.



George Mall, Sr., of Dept. 40-574, is the grandfather of the above children . . . Bette Louise, age 3, and Alice Barbara, 8 months of age, the daughters of George Mall, Jr., an expeditor in Plant 18.



The little fellow above, Mark Allan Stearne, is the 27-pound boy of Mrs. Peggy Stearne, Cost Engineering Department at Plant 50. He celebrated his first birthday shortly before Christmas.

The forty-first wedding anniversary of Mr. and Mrs. William White was recently celebrated at their home in West Bristol. Mr. White is Supervisor of Dept. 544, Receiving Parcel Post and S. A. Stores.



4th MARINE DIVISION REUNION SET FOR JUNE

Names of Philco employees who are former members of the Fourth Marine Division are being sought by John H. Crisp, of Dept. 544, a member of the committee in charge of the reunion of the Division to be held in Philadelphia June 26 through the 28 at the new Sheraton Hotel. The Fourth Marine Division Association is interested in raising money for children of their buddies who were killed in action in the four battles the Division fought in the Pacific, Marshall Islands, Saipan, Tinian and Iwo Jima. Plans will be discussed at the reunion for a scholarship fund for these children.

CARE RECEIVES LAB CONTRIBUTION

Instead of exchanging Christmas cards with business associates last December, members of the Industrial Laboratory of the G. and I. Division at Plant 50 decided to contribute \$1 each to CARE food packages in order to share in the joy of giving. As a result of this decision a total of \$50 was collected to supply food packages for unfortunates of other countries.

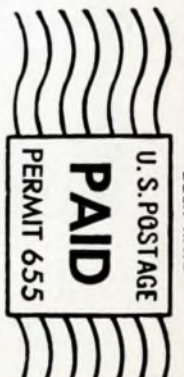
Below are the twin sons of John E. Davis, an inspector in the Accessory Division in Plant 3, during a recent visit to Santa Claus. The 10-year old boys are, left, John Davis and, in the center, Joseph Davis.



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