

PLEASE SEND ARTICLES, PHOTOGRAPHS AND DRAWINGS FOR THE NEWS TO EXTENSION 418



A TYPICAL U. S. NAVY Aeronautical Electronic Provisioning Team at work at Philco's Plant 18, reviewing and selecting parts which they believe will be required for the maintenance and overhaul of a particular radar set. In the usual order, front row, are: Michael Veasy, W. M. Carey, Lt. Comdr. J. Jacoby, Charles McCarthy, J. T. Veasy, C. W. O.; William Gamble; second row: W. F. Maher, G. E. Thiel and R. J. Cummings.

SPARE PARTS: LIFE BLOOD OF MILITARY MAINTENANCE

Providing spare parts for all military services is an extremely important program. The amount of co-ordination, documentation, and teamwork required to make the correct spare parts available to military maintenance organizations so that equipment can be maintained at its maximum efficiency is enormous.

Philco's Government and Industrial Division recognizes the great importance of making available to maintenance organizations spare parts simultaneously with the delivery of equipment. Spare parts are therefore planned for during the processing stage of the electronics equipment and before it goes into production.

The determination of spare parts for military maintenance organizations is not a one-man job. It requires a team of experts called the Provisioning Team. This team is made up of statistical and technical branches, maintenance representatives, overhaul and repair sections, source coding, stock control, and other representatives of the military service

establishing spare parts requirements for the particular equipment in production. Philco personnel from various departments of the Government and Industrial Division, including the engineering laboratory and the processing group, work in conjunction with the Provisioning Team and contribute to the evaluation of each item.

Provisioning meetings at Philco sometimes take several weeks, depending upon the size and complexity of the electronics equipment. The documentation required for the use of the Provisioning Team is quite extensive, and requires a great deal of co-ordination of all groups throughout Philco's Government and Industrial Division, and close liaison with the military. A complete set of drawings is reviewed and source coded, and, in many cases, the sample equipment is disassembled. The source code is assigned by the official source coding representative from the military, in conjunction with the recommendations from the

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AN OVER-ALL SHOT OF THE TEAM—In this photograph, from left to right around the tables, the man with the card file is symbolizing Philco drawings from Philco records. The next larger group is occupied with source coding. The third group is working on a maintenance allowance list. The fourth group at the extreme right is recording source code and table replacement parts.



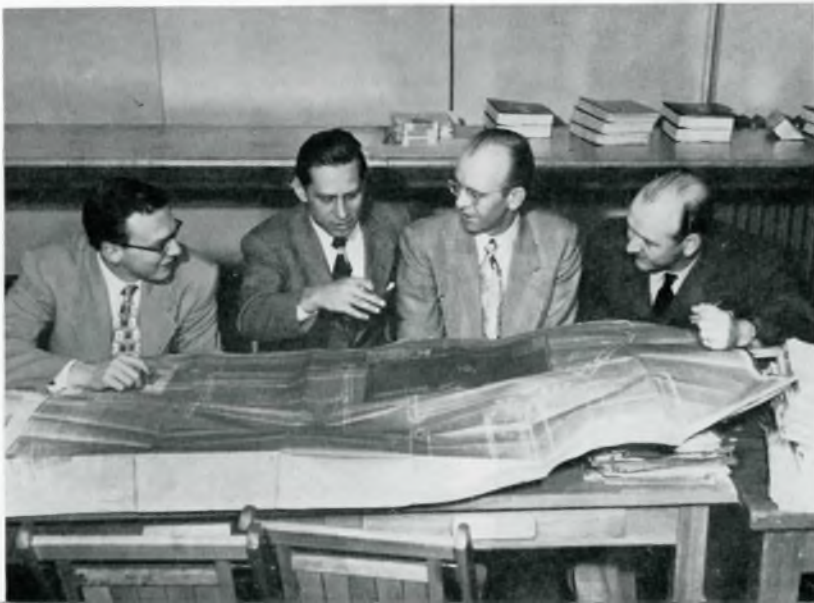
SOURCE CODING—In this step, Navy personnel determine whether an item should be manufactured by the Navy or procured from Philco.



EACH DRAWING must be checked for complete engineering information in order to stock number items coded "purchase." Another step shown in this photograph is the recording of the source code of the Philco drawing shown which is then forwarded to ASO.



SECTION R ALLOWANCE LIST—The group determines maintenance items to be assigned for field maintenance by studying drawings supplied by Philco.



OUR COVER THIS MONTH—In the spring, the mind of the young artist turns to thoughts of sports and flowers—and, of course, love. Artist Bill Wilson is no exception, as the cover for May demonstrates.

PHILCO
News



CUTTING OVER from the old to the new switchboard in the new telephone terminal room in the main offices of the Philco Philadelphia plants. Jake Straubline (foreground) is the maintenance man for the telephone company stationed at Philco. Edward Lee, Irene Gumpper, and members of the telephone company staff assist in the ceremonies.

"HELLO GIRLS" IN NEW QUARTERS

Philco now has a telephone exchange with more equipment than is used by many small cities around the countryside.

With the opening of the new terminal and operators' rooms for the exchange, the Company has one of the largest private telephone exchanges of any industrial plant in the United States.

In order to take care of the heavy load of calls that goes through the equipment, Philco has ninety-one two-way trunks for incoming and outgoing calls. It also has seventy-five dial "9" direct trunks to the outside.

The new telephone rooms, located near Tioga Street, on the first floor of Plant 2, are a model for telephone rooms. They are light and airy and so arranged that facilities may be added as the need grows.

At present, approximately 95,000 local calls are handled each month by operators or over the direct trunks. In addition, approximately 5,000 long distance calls are received and sent monthly.

Philco's telephone business has grown so greatly it is no longer possible to handle the listings of numbers on a single sheet. Early in April the new telephone directory, in the form of a book, was distributed.

Irene Gumpper is chief operator of the Philco exchange and Katherine Davis is her assistant.



◀ **POSITIONS ARE TAKEN** by the operators in the new telephone room of the Philco telephone exchange. Looking on are Irene Gumpper, Philco chief operator, Elmer Watson and Edward Lee, of the Bell Telephone Company. Operators are (left to right): Helen Genthert, Mary Taylor, Betty Vaughan, Patricia Doyle, Lorraine Marashe-ski, Bonnie DeFonia, Marion Costello, Mildred Galloway, Ellen Bee and Jane Todd.

A CALL over the new telephone facilities is taken by Irene Gumpper, chief operator at Philco. ▼



PHILCO PAYROLL SAVINGS PLAN ENTERS ITS SIXTH YEAR

During the past five years, over 5,000 Company employees have used the Philco Payroll Savings Plan operated by the Company and the Western Saving Fund Society.

Under the payroll deduction plan, Philco men and women have benefited in various ways. While many savers have allowed their savings to remain in the bank, thousands of others have put aside money for special purposes, such as buying homes; paying off mortgages; taking trips abroad; much-needed vacation trips; and meeting medical and dental expenses. Patrons of the Philco Savings Plan report that their savings give them a feeling of security for themselves and their families. They feel that putting money in the bank, rather than carrying it around with them, makes for thriftier spending and planned buying.

Along with being a depositor with the Western Saving Fund Society, many other services of the Society are available to the members of the plan. The mortgage department stands ready to help in home purchases; safe deposit boxes may be secured in many of the bank's branches; bank money orders may be purchased for the payment of various bills. The Western Saving Fund Society is a bank without stockholders and is operated solely for the benefit of its depositors.

Information on the Philco Payroll Savings Plan may be secured from timekeepers and supervisors.



GEORGE MILLER, one of the youngest octogenarians on record in looks, manner and viewpoint, is feted on his 80th birthday by friends in Dept. O1-736. Following a party on the fifth floor of Plant 2, gifts were presented to the guest of honor. George came to work at Philco in September of 1933.

Philco Executive Named Council Member

David B. Smith, vice-president—Research at Philco, has been named a member of the recently formed Signal Corps Research and Development Advisory Council composed of leaders in the scientific world. Chairman of the Council is Major General George I. Back, chief signal officer of the Army. The April meeting of the Council was devoted to a discussion of Signal Corps research and development problems.

WPTZ ORIGINATING PICK-UPS FOR ALL BASEBALL TELECASTS

WPTZ, Philco's Television Station, is handling the originations for all big league baseball telecasts in Philadelphia. On the air it shares the actual televising of the games equally with the city's other two television stations.

The Philco Station is probably the most experienced outlet in the Nation in televising big league baseball, having done games regularly since 1947, and having a history of televising baseball as far back as 1941.

Under the present plan, WPTZ camera crews, engineers and directors make the pick-ups of all games, regardless of the station carrying. No identification of WPTZ is made when one of the other two Philadelphia stations televises the games. The purpose of the single station origination is to save manpower, time and expense in installing and removing equipment each time one of the three Philadelphia stations is scheduled to carry a local baseball game.

THESE NEW RADIO MODELS FEATURE ADAPTION FOR THE *New* PHILCO "PRIVATE LISTENING"

With this "plug-in" feature, no longer is it necessary to turn radio off to avoid disturbing others . . . in the wee hours of the morning, in hospital rooms, dormitories, barracks or at sporting events.



PHILCO "PRIVATE LISTENING"

BELOW—Philco Portable Model 642 plays on a-c or d-c current . . . or self-contained batteries. Features Philco Magnecor Aerial, and plug-in jack for new "Private Listening." This model is available in an assortment of colors.



ABOVE—Model 550 is a fresh approach to clock-radio design. Automatic electric clock turns radio OFF automatically—turns radio ON at any preset time . . . acts as a gentle musical "alarm." Other features include timed appliance outlet, tube saver, plug-in jack for "Private Listening." Available in mahogany or blond oak finish.



BIRTHDAYS ARE SHARED by Evelyn Walker and Gene Donovan (extreme right), who were honorees at a party given in the Accounting Department of the TechRep Division. Left to right in the picture are: Helen Lindsay, Ruth Wilson, Helen Vaughn, Anne Beffert, Mary Saunders, Florence Hummel and Mary Carey.

BEST WISHES are extended Rose Phillips at a shower given by friends in Dept. 43-506.



FRIENDS OF JEANNE BARR in Dept. 14-513 gather in Plant 14 Cafeteria to wish her a happy birthday.



◀ GIFTS received at a shower in Dept. 43-506 please the recipient, Steffie Mierzwinski.



A LARGE cake and many gifts are presented to Julia Pachucki by girls in I.F. Section of Dept. 41-502.

BEST WISHES for the future are extended Marion Minnick (left, with stork) at a party on the third floor of Plant 3.



D AROUND PHILCO



CLARA BIANCHINO (seated) is guest of honor at a shower given in Plant 14 Cafeteria by friends in Dept. 43-504.



◀ REFRESHMENTS are ready at the birthday party arranged for Eleanor Moore by girls in the R.F. Section of Dept. 41-502.



A SHOWER for an addition to the family of Victor Martin is given in Plant 8 by members of Dept. 14-509.

THE RIVET SECTION of Dept. 43-506 is the scene for a shower honoring Angelina Cekala (with gift). ▼



DORIS KIRSTIN holds ▶ one of the gifts received at a shower in her honor given by members of Dept. 41-502.



BEST WISHES for the future are extended Catherine Hayes (seated, center, with gifts) at a farewell party given by Dept. 43-641 in Plant 2 Cafeteria.



JOE CASTORINA (holding photograph) receives congratulations from employees in Plant 3 upon an addition to his family.



RETIREMENT IS AHEAD for Mary Hanely (fourth from left), shown at a farewell party in her honor given by friends in Dept. 43-505.



A BIRTHDAY CAKE, presented to Theresa Pasca, is displayed by the honoree at a party given in the Croydon Cafeteria by members of the Television Assembly Section of Dept. 41-502.



FRIENDS IN PLANT 14 present Joe Spina with a cake on his birthday. He is a member of Dept. 14-511.

AN UMBRELLA is held by Ann Battista at a shower in her honor given in Plant 2 Cafeteria by members of Dept. 43-633.



FRIENDS IN DEPT. 43-506 present gifts to Irvin Smith at a shower in Plant 3.

PHILCO TO INSTALL TV NETWORK OVER 500-MILE ROUTE IN CUBA

Philco has been selected by Circuito CMQ, operators of the leading radio and TV chain in Cuba, to equip and install the largest television microwave relay network outside the United States.

Plans call for a 16-hop microwave system over a 500-mile route from Havana to Santiago de Cuba. Initial installations will be seven stations linking Havana with Santa Clara. Designed to provide three channels for complete television and radio program service, the system also includes three additional channels for general communications use along the network.

Both picture and audio portions of television plus radio program service will be provided by Philco CIR-6 microwave radio relay, TLR-2A television relay, and CMT-3 program channel multiplex equipment. Communications services will be provided by the inclusion of Philco CMT-5 frequency division multiplex equipment.

Equipment for the system is scheduled for immediate delivery, with network operation to begin late this year.

SING IN YOUR HEART

You haven't a voice like Caruso?
 You can't even moan like der Bing?
 You wheeze and you croak
 And half the time choke
 But still feel an impulse to sing?
 Well, brother or sister, then *do so*,
 Whenever you feel like that, start!
 You may not be heard
 But sing like a bird:
 By having a song in your heart.



A SUGGESTION for time saving on Philco's microwave production brings a check for Al Finlaysen (left) of Dept. 14-513. John McFadden, his supervisor, presents the check for the idea that paid off.

U. S. A. SEES CITY'S HAPPENINGS THROUGH WPTZ'S COVERAGE

Philco's Television Station, WPTZ, long the local leader in special events' telecasting, is more active than ever before in bringing the Philadelphia Story and news and special events in this area to the television audience of the Nation. This is doubly so now that it is presenting the NBC program, "Today," with Dave Garroway, daily from 7 to 9 a.m.

During the month of April alone, it showed the rest of the Nation such Philadelphia features as the work of the Emergency Rescue Squad; how Independence Hall is protected from fire; a visit to the nursery at the Pennsylvania Hospital's Women's Building (Lying-In Hospital); and election news round-ups. All the network feeds were remote telecasts direct from the scene of the activity. Numerous other special-event originations are planned for showing on the "Today" show.



"Would you mind repeating the last two pages?"



"I'm afraid you'll never make a good bureaucrat, Higgins. You use too many plain words!"



"Did anyone ever tell you you're beautiful?"



GUESTS AT THE ANNUAL spring party given at the home for children at 29th and Allegheny Avenue by Mrs. Betty Loftus and members of the Riveting Section of Dept. 506 at Plant 3. Following an entertainment, the children were served refreshments and participated in games. Cookies for the party were made by Mrs. Elsie Hutchison, who also helped with the table decorations. Among others aiding in the success of the party were Mrs. Marie Cummsky, Danny Hutchison, Jane Cummsky, Mrs. Ronnie Stock and William Laughery.

ONE MAN'S DEED: GIFTS OF SEED

Each of us, no matter what his job, can find an opportunity to make this world a better place. Take for example, the case of Aloysius Mozier, a merchant seaman.

Instead of the legendary "sweetheart in every port," Mr. Mozier has a friend he has just made and to whom, as soon as his ship docks in an American city, he mails a package of vegetable seeds.

It began last summer after the American seaman, in many countries, had looked upon so many half-starved adults and children. In the first six months of his one-man mission of mercy, Mr. Mozier sent 15,000 packets of seeds. So far, he's received back word from grateful friends of flourishing kitchen gardens in five different countries.



MEMBERS OF THE SUPERVISORS' CLUB arriving for an inspection of operations at the Scheidt Brewery in Norristown. The inspection trip was arranged as part of the monthly meeting of the Club.

SPARE PARTS: LIFE BLOOD OF MILITARY MAINTENANCE

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Provisioning Team. These source codes are eventually published by military activities concerned and are of inestimable value to each activity. These codes automatically tell the field activity whether an item has been procured by the Provisioning Team, whether it has been determined a "make" item, or whether they should request the next higher assembly.

To illustrate the magnitude of this program, an equipment may contain several thousand parts. The largest airborne radar system manufactured by the Philco Government and Industrial Division has approximately 18,000 parts. In advance of a provisioning conference, the Philco Government and Industrial Division forwards to the military a list of the critical items having the longest delivery cycle, to insure delivery concurrently with the end item. Philco must immediately prepare a provisioning parts breakdown in accordance with specifications, listing every item contained in the equipment. Blueprints are made available and are arranged in the same fashion as the items listed in the parts list.

Without spare parts in the field, the Company realizes the entire maintenance operation fails. That is why the Government and Industrial Division at Philco is doing all in its power to get spare parts to the military when and where it is needed.



HE'S "AVERAGE" BUT HE'S FREE

We hear a lot about the "average American." Who and what is he?

The U. S. Census Bureau, after studying the vital statistics its enumerators have gathered about the 150,000,000 of us, comes up with this:

The average American is a semi-skilled worker; he is married and has two small children. He has a home on which he is making regular payments; he has a refrigerator, a radio and a telephone, among other conveniences—and the privilege of living as a free man in a free country.

A SURPRISE BRIDAL SHOWER was recently given by the girls of the TechRep Division for four of their co-workers. Standing at the right, holding the cake, they are (left to right): Marie Yanessa, secretary to Richard Fielding, co-ordinator of activities; Betty Widmann, Accounting Department; Mary Heenan, secretary to Buell Shriver, Accounting Department (all of Plant 28); and Betty Copeland, secretary to Phil Mann, Technical Publications Department (Plant 17). The party was held at Sciolla's Restaurant.





FOR BUSINESS

Weather CONTROL



FOR OFFICE

TODAY'S MODERN LIVING REQUIRES COOLING AND CLEANER AIR CIRCULATION FOR COMFORT, HEALTH AND EFFICIENCY

Since the beginning of time, people have been seeking relief from such commonplace discomforts as oppressive heat and humidity, room stuffiness, lazy air circulation and the harsh effects of irritating dust and pollens. Our ancestors waved fans wildly in front of their faces to more or less move the air a trifle. In later years, this process was improved with the invention of the electric fan, which did not cool the air, but merely caused the same old hot air to circulate. Thus, the electric fan advanced us only a step ahead of our stifling, fan-waving ancestors.

Temperature alone is not the only thing that makes a person uncomfortable on hot, "mucky" summer days. By the same token, neither is it only humidity. Humidity is merely the moisture content of the air and is somewhat related to heat, as *warm air will hold much more moisture than cold air*. When the room air is reasonably dry, perspiration will evaporate quite readily, carrying the heat away from the body into the air. But when the air is moist or high in humidity, perspiration will evaporate much more slowly and cause a feeling of discomfort.

Today's modern single-room air-conditioner units have enabled the biggest advance in home comfort yet known. Besides offering complete cooling comfort from the summer's stifling heat, air conditioners remove stuffiness and stale odors from the air, affording clean, healthful ventilation all year 'round. Air conditioners are also a boon to hay fever sufferers and allergy victims, since they have been proven quite effective

in removing dust and air-borne pollens from the air, giving them air they can breathe without sneezing and choking discomforts.

PHILCO'S NEWEST 1952 FEATURES

In three new 1952 models (Models 76H, 76-HL, 106-H), Philco introduces for the first time a completely automatic system of temperature control—the *Dual-Purpose Automatic Temperature Control*—as easy to use as the cold control on a refrigerator. If the temperature rises, the unit both cools and dehumidifies the air. If the temperature goes down to the desired level, the unit reduces its cooling effect but *continues to take moisture out of the air*. This is all done by regulating the flow of the refrigerant in the unit under the control of a thermostat—a revolutionary new development that now *obsoletes* all other automatic controls.

Also for 1952, Philco brings the new $\frac{1}{3}$ -h.p. air conditioner (Model 33-H)—*the first air conditioner in history specially designed for bedrooms*.

In addition to four window type models, with $\frac{1}{3}$, $\frac{1}{2}$, $\frac{3}{4}$ and 1-h.p. units, Philco's 1-h.p. console makes installations possible where a window model is not suitable. And for large rooms requiring a water-cooled air conditioner, the Philco 200-GCW is the most efficient 2-h.p. unit in the history of the industry.

With this wide range of models and features, there is no reason for anyone to settle for anything less than a Philco.



FOR THE HOME



JOHN DUNBAR, superintendent of Dept. 43-533, presents a watch from employees of his department to George Piccoli, who enlisted in the Marine Corps last month.



"HE'S IN THE NAVY NOW"—William Hepworth is honored at a farewell party in the model shop at Plant 6 of Dept. 21-661. Hepworth left early this month for his new duties.

PHILCO EMPLOYEES NOW IN THE ARMED FORCES

Harry W. Boone, 43012775
Co. G, 39th Inf. Reg. 9th Div.
Fort Dix, N. J.

Edw. S. Brooks, RMN 1/c
U. T. U. Bldg., #89
Fleet Training Center
Newport, R. I.

James W. Campbell, US 552036112
Btry. C 899th, AAA AW Bn. SP
28th Div.
APO 111, c/o Postmaster
New York, New York

Harvey C. Carr, US 51019387
Co. C, 321st Signal Ba.
Fort Meade, Md.

Pvt. Ovidio P. Castro, RA 13410122
Co. D, 2053 A. S. V.
Reception Center
Fort Meade, Md.

George Christiansen, US 52036302
Co. G, 39th Inf. Reg.
9th Inf. Div.
Fort Dix, N. J.



CELEBRATION of his promotion as a sergeant was held recently by Sgt. George S. Black, whose address is Bt. D, 899 AA-AW, APO c/o Postmaster, New York City.

Pvt. Victor Condora, US 52102178
HQ Btry. 82nd AAA Bn.
AW (SP) APO 248, c/o PM
San Francisco, Calif.

Pvt. Peter M. Costello
B Co., 109th Eng. (C) Bn. 430 A
New York, New York

RICHARD L. TOSTI, former tester in the Television Section of Dept. 77-502, is now with Company 33, Battalion 25, Regiment 2, U.S.N.T.C., Bainbridge, Md.



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