

PHILCO *News*

MARCH, 1956



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

PHILCO-ITE TO ATTEND ROYAL WEDDING IN MONACO

Grace Frommeyer, Dept. 13-642, a first cousin of Grace Kelly, will be among the Philadelphians attending the wedding of the movie star and Prince Rainier III of Monaco. Miss Frommeyer will sail for Europe on the *Liberte* April 9. After a stay in Paris, she will proceed to Monaco. Following the wedding next month, Miss Frommeyer will tour Italy before embarking for home. Her uncle is the father of the princess-to-be.



IN THIS INTERESTING CORNER of the Philco International Corporation offices in Philadelphia, showing Philco activities throughout the world, Fred Albrecht, field engineer, who, in a period of eighteen months, has visited Philco distributors in one hundred and one countries, displays his unusual passport.

SURVEY OF OCCUPATIONAL PAST OF NATIONAL LEADERS MADE

A survey of the occupational backgrounds of the 33 gentlemen who have been president of these United States was recently conducted by a columnist in *The New York Times*. He writes under "Topics of the Times":

"A lawyer would seem to have at least five times as much chance of reaching the White House as a member of any other profession. For twenty-one of the thirty-three were members of the bar, whereas the military, next highest calling on the list, contributed only four. Of course, although only Harrison, Taylor, Grant and Eisenhower were professional military men, military prowess displayed as citizen-soldiers certainly aided the candidacies of Washington, Jackson, Pierce, Hayes, Garfield, Arthur, Harrison and Theodore Roosevelt. Public service contributed three. For the rest, we have tapped a planter (Washington), a publicist (Theodore Roosevelt), a teacher (Wilson), a publisher (Harding), and an engineer (Hoover).

"Possibly aware of this national predilection for lawyers, five of our presidents—Fillmore, Lincoln, Garfield, Arthur and Cleveland—shifted to the law after first having been launched in other careers. On the other hand, two managed to gain the Nation's highest gift even though they had left the law—James Monroe, to become frankly a politician, and Woodrow Wilson, who felt he could be more useful in the classroom than in the courtroom. Another three—Theodore Roosevelt, Harding and Truman—were trained in the law but never practiced.

"Those who would criticize us as a nation of materialists giving honor only in proportion to one's skill in business will find little to sustain their thesis in our presidential list. Only one of our presidents can be fairly categorized as a business man. And this particular chief executive is probably the first to agree that had great success crowned his haberdashery career he would never have been able to call the house on Pennsylvania Avenue his home."

THREE TV ORGANIZATIONAL CHANGES ANNOUNCED AT PHILCO

William H. Mattison, Vice-President—Production, Television Division, has been transferred to Philco International, where he will serve as special manufacturing consultant to Sydney Capell, President of Philco International Corporation.

At the same time, two other organizational changes were announced by R. B. Lloyd, Vice-President—Operations.

Mr. Mattison, with thirty years' experience in production, has a thorough and practical knowledge of all phases of manufacturing, particularly television, which is needed in the anticipated expansion of Philco plants and facilities in foreign countries.

Appointment of E. S. Brotzman as Manager of Manufacturing—Television Division, was announced by Mr. Lloyd. In this capacity, Mr. Brotzman will supervise all production in the Philadelphia television plants and will also continue to supervise all related factory engineering activity except Quality Control. He has been with the Company for the past twenty years.

William Oliver has been appointed Manager of Quality Control—Television Division, Mr. Lloyd also announced. For the past twenty-five years, Mr. Oliver has been with Factory Engineering and Quality Control at Philco.

PHILCO WINS UCC AWARDS FOR SUCCESS IN 1956 DRIVE

J. Newton Hunsberger, Jr., of Philco Corporation, was honored at a special awards luncheon held at the Warwick Hotel, March 7, for company chairmen who led successful drives in behalf of the United Community Campaign last fall.

PHILCO NEWS also was recognized for "editorial excellence in the promotion and interpretation of the United Community Campaign."

Mark Lutz was among eighteen editors invited to the honors luncheon for the first time to accept awards of merit to their publications, judged outstanding in getting across the story of the new big campaign.

The company chairmen and editors were guests of

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VACATION DATES SET

The official vacation period for 1956 will be the two-week period beginning July 15, 1956.

It is hoped that this advance notice will assist employees in planning their vacation activities.



A NEW REALISM IN SOUND REPRODUCTION is achieved by the new high-fidelity "Music Chamber" phonographs with matched speaker systems introduced for 1956 by Philco Corporation. The high-fidelity instrument above is one of the three offered, two in console style and a console-convertible model. The matched audio system employs Philco's electrostatic speaker in conjunction with an electrodynamic "woofer." A newly developed push-pull circuit produces a maximum 10 watts of output, resulting in increased power and eliminating distortion. The new models incorporate a Philco 3-speed automatic record changer, and a stabilized tone arm with only one-fifth of an ounce weight on the record surface. Separate base and treble controls enable the listener to select tones from deepest base to highest treble. The "Music Chamber" model shown is Model 1764.

BLOODMOBILE VISITS TO PHILCO SET FOR MAY AND JULY

The Philco Blood Program will be active this spring and summer with the Bloodmobile visit schedule just announced.

"Replacement Day" will feature the visit of the Bloodmobile to the Tioga Street Area plants. Blood donations in this area will be received May 9 and 11. All employees who have received blood for themselves or their families are being asked to donate at this time. James Prendergast and Miss Ann Tucker, R.N., will serve as co-chairmen.

On May 10 and 11, visits are scheduled for Plant 50. Joseph Maxwell will serve as chairman.

Plant 18 and the TechRep Division will make donations on July 13 at the Dobbins School. John McDevitt and Frank Sinnott are co-chairmen for this visit.

In order to insure adequate blood for all Philco employees and members of their immediate families, every physically able employee is urged to sign a donor pledge when asked to do so by his departmental blood recruiter.



BEST WISHES for the years of leisure ahead for Hiller Raab (center) are expressed by Otto Hortlieb (right) and John Heary (left). Mr. Raab, who had been with Philco more than twenty-two years, recently retired. He was in the Cabinet Repair Section of Dept. 503, in Plant 10.

MUTUAL CONGRATULATIONS upon twenty-five years of service with Philco are extended by Frank Humphries (left), safety superintendent, Radio and Television Division under the Plant Engineering Department, and Fred Jones, guard on the Maintenance Department Door.



“THE GREEKS HAD A WORD FOR IT”

Our word “politics” comes from a Greek word meaning “belonging to the citizens.” Although it is often used in a disparaging sense, “politics” in its first and truest meaning presents a challenge to every American citizen to do his or her part in running the affairs of our country.

Especially is this so in 1956, when we will be naming a president and vice-president, a third of the U. S. Senate, all of the House of Representatives, 30 governors, many new state legislators, and thousands of local officials.

Already we are well into the fascinating operation, in one state or another, of one of the most significant and important processes in all of politics—the choosing of our candidates.

The precious privilege of voting was not federalized by the founding fathers, but was retained closely under the control of the individual citizens in their communities and states. Thus we have a great variety of ways in which we nominate people to public office.

In the olden days of “smoke-filled rooms,” small caucuses often chose the candidates, but today almost everywhere we have primary elections in one form or another. In some states there are two primaries, one to choose presidential candidates and another at a different time to nominate state and local officials.

In some primaries the voters have to declare their political party affiliations . . . others are non-partisans. In some, the candidates’ names are on the ballots, while in others the voting is for delegates to a political convention where the candidates will be finally selected.

In all of this, though, the wisest citizen knows that in the primaries his one vote really counts heavily indeed. By being intelligently political, he finds he can have a great deal to say in the management of this government which “belongs to the citizens.”

“Is Your Name in the Book”—the roll of registered voters in your community—for *your* primary election?

BLOCK THAT SNEEZE!

The sneeze of a person who has a cold, or has one “coming on,” can infect a whole room full of people.

A sneeze, unless blocked with a handkerchief, will shoot droplets loaded with cold virus and traveling at 150 feet a second. When the droplets evaporate, they release the infection agents.

So—Block That Sneeze!!

PHILCO UNVEILS NEW LOW-POWER TV BROADCASTING EQUIPMENT

New TV Equipment Designed
for Small Communities

Philco Corporation, Government and Industrial Division, has announced new low-power TV broadcasting "packages" designed to meet the needs of an estimated 800 small communities where TV has been unavailable because of the high cost of conventional equipment.

In announcing the new TV "packages," James D. McLean, vice-president and general manager of the Philco Division, pointed out the equipment's importance to national security. "For the first time, a truly nation-wide television system is possible," he said. "Its importance during natural or enemy-caused disasters cannot be underestimated.

"Also, low-power television offers to small community enterprises an inexpensive, advertising potential never before realized," he added.

The value of low-power TV equipment has been proven by the Armed Forces, which has used it for information and educational stations, and for battlefield surveillance.

A Philco low-power TV "package" includes a transmitter, monitoring equipment, high-gain antenna and transmission line, and local program originating facilities for transmission of slides, films and local live



PHILADELPHIA'S LATEST TV BROADCASTING STATION—KG2XCV—is using this 150-foot antenna atop Philco's Government and Industrial Division Plant at 4700 Wissahickon Avenue. The Division is operating the experimental UHF station on Channel 23 for development of equipment.



WHILE S. C. SPIELMAN, director of Electronic Engineering, looks on, James D. McLean, vice-president and general manager of the Government and Industrial Division of Philco, puts the new station on the air. KG2XCV will be used by Philco for equipment development.

shows. Even the studio building and tower can be included in the "package." Mr. McLean reported that studio buildings will be available in two types and "are compatible in cost and concept with Philco's low-cost station package philosophy." Where desirable, standard Philco television relay and outside plan products can be provided.

The final power amplifier provides 150-watt peak visual power and 75-watt aural power output to the transmission line. The program originating equipment consists of film and live camera chains, video monitoring and switching facilities, and audio facilities. The frequency band used in battlefield surveillance—470 to 500 megacycles—can be covered by the transmission equipment.

Because most low-power television stations will want to pick up network programs from large, nearby cities, Philco is also offering high-quality microwave relay equipment with the "package." Equipment can be used for monochrome and color television.

The Federal Communications Commission, in establishing its nation-wide plan of television broadcast, sought to provide at least one channel assignment each to the maximum number of communities. However, 890 communities of 1,241 having channel assignments failed to establish stations because of high initial cost and maintenance. On the recommendation of RETMA (Radio-Electronics-Television Manufacturers Association), the F.C.C. amended its rules last year permitting use of low-power equipment. Philco is the first large TV manufacturer to produce low-cost/low-power TV equipment for small communities.

PEOPLE AT PHILCO



MARGARET HAINSWORTH displays a cake presented to her at a farewell party given in Dept. 11-508 in Plant 50.



A **GIFT** for the new arrival in the home of John Kelly is presented by friends and co-workers in Dept. 11-508 at Plant 50.



BIRTHDAY GREETINGS are extended Florence Nugent (with gift) by friends in the I.F. Section of Dept. 41-502 at Croydon.

PLANT 50 FRIENDS of Walter Krawiecki bid him farewell at a party in Dept. 11-508.



PHILCO News



PLEASED SURPRISE over gifts received at a shower given by members of Dept. 531 is expressed by Ann Judge, wife of Jack Judge, of Dept. 544.



JOAN MARIE GABERLIEN is honored at a shower given by her friends in Dept. 43-503, Plant 10. She is the daughter of Mabel Berndt, also of Dept. 43-503.



AFTER THE PARTY IS OVER, Mary Leitner engages in the pleasant pastime of examining gifts received from friends on the Color Conveyor in Dept. 43-503 in Plant 10.



CATHY VENTROLA (standing) is the recipient of a number of gifts at a shower in her honor given in Plant 2 Cafeteria by members of the Patent Department.



TERRY COLE, Dept. 01-842, is honored at a shower in Plant 2 Cafeteria given by the girls in the Sales Order Department.



PHILCO News

SUPERVISOR JAMES GREENHOUGH prepares to cut a cake presented to him on his birthday by a group from the I.F. Section of Dept. 41-502.



A NEWSPAPER dated July 24, 1888, was recently found by Herman Gartner, while going through some old records in his home. Herman, shown reading the sixty-eight-year-old copy of the Doylestown Democrat, is employed at Plant 20.

PHILCO WINS UCC AWARDS FOR SUCCESS IN 1956 DRIVE

(Continued from page 3)

Campaign Co-Chairmen Thomas A. Bradshaw and James M. Large.

Mr. Hunsberger accepted a certificate of merit made to the firm's employees "in recognition of generosity and co-operation in support of 250 health, welfare and community services of the American Red Cross, 152 Red Feather Services, Salvation Army, Arthritis and Rheumatism Foundation, Mental Health Association, Multiple Sclerosis Society, United Cerebral Palsy Association and Pennsylvania United Fund-USO." Some 640 company chairmen of firms and organizations in the Philadelphia area qualified for recognition at the luncheon.

Campaign leaders paid tribute to the achievement of company chairmen and their committees in bringing about their organization's outstanding results in the recent campaign and lauded the important contribution of company magazines.

1956-57 FIRST NIGHT CLUB FORMING

Philco employees who wish to become members of the First Night Club of Philadelphia for the 1956-57 season should send their applications before May 15 to Mark Lutz, Ext. 418, together with a check for \$3 made payable to the First Night Club of Philadelphia. Membership fee entitles members to purchase two tickets (at \$1.20 each) for a selected number of plays chosen by the club management through the coming season.



A SUGGESTION that won him a cash award from Philco is explained by Norman Sittler (left) to Thomas E. Brown, superintendent, Test Production. Mr. Sittler's idea was for a device to be used in centering the tuner. He is a member of Dept. 43-503.



CIGARS ARE EXCHANGED by three recent fathers, Edward Patton, Leonard Purcell and Walter Freeman. The proud fathers are all employed at Plant 20.



A CORSAGE OF FLOWERS and other gifts were presented to Anna Bastian by her co-workers in the Television Assembly Section of Dept. 41-502 at Croydon, in observance of Mrs. Bastian's twenty-fifth wedding anniversary.



ROBBIE RAJKNOWSKI is honoree at a shower given by friends in the Appliance Engineering Department.



FROM ALL APPEARANCES, Lee Debona is having a pleasant birthday, highlighted by a party in her honor given by members of Dept. 43-503.

JAPANESE TV COMPANY ORDERS PHILCO CINESCANNER SYSTEMS

The Osaka TV Corporation of Osaka, Japan, has ordered two complete CineScanner Television Studio Systems from Philco's Government and Industrial Division. The Nissho Company, Ltd., with main offices in Osaka, is Philco's representative in Japan.

The CineScanner equipment will handle 16mm and 35mm film and slides. Initially, Osaka TV will use the equipment for monochrome television. At a later date, however, the CineScanners can be used for color. In telecasting color film, a Philco CineScanner uses a cathode-ray tube which projects "cold" light through the film on to non-synchronous pick-up tubes. Simultaneously, these tubes generate signals for red, green and blue images. For monochrome operation, only the green channel is utilized.

In placing this order with Philco, Osaka TV joins Japan's Radio Tokyo as a user of CineScanner equipment. Radio Tokyo, which has used the equipment successfully for the past year, has recently enlarged its CineScanner operations.



MARTHA STANDEVEN receives gifts and the good wishes of her co-workers in the AnTrac Department at Plant 50 at a birthday party.

CO-WORKERS OF ALBERTA JONES present her with gifts at a birthday party in Dept. 11-508, Plant 50.



PRIZE WINNERS ANNOUNCED



E. C. SCHUMANN

First prize for the best photograph taken of Sharon Kay Ritchie, Miss America of 1956, at the Television Division organizational meeting in Plant 2 Cafeteria in February goes to E. C. Schumann, Plant Engineering.

Al Reuss, plant superintendent,



AL REUSS

Metal Division, took second place.

Winners received Philco portables as prizes. Judges in the contest were J. S. Frietsch, sales promotion manager, Television Division; Charles Graham, Supervisor, Philco Photo Lab, Technical Publications, and Mark Lutz, PHILCO NEWS.

PHILCO NEWS GOES TO FORT DIX

A photostat copy of a page from the PHILCO NEWS of January relating to telephone etiquette has been posted on the bulletin boards at Fort Dix.

"No attempt has been made to rewrite the material for adaptation for Army use," an explanatory note says. "It makes plenty of sense just as it is and, if adhered to, will improve the office, section, company and Fort Dix."

Irvin H. Bauer, who was a member of the Philco Maintenance Department before his retirement, writes from his home at Beach Haven Crest:

"Since my retirement several years ago, I have been receiving copies of the PHILCO NEWS. I look for them and they keep me in touch with old friends. I sent a lot of magazines to Fort Dix recently, and among them was the January PHILCO NEWS.

"A reader attached to the Signal Corps spotted the last page and submitted it to the C.O. He had it copied for general distribution at Fort Dix. I write this to show you how far reaching the influence of the PHILCO NEWS has become."

"ISMS" Explained Simply

SOCIALISM: You have two cows, and you give one to your neighbor.

COMMUNISM: You have two cows. The government takes both and gives you the milk.

FASCISM: You have two cows. The government takes both and sells you the milk.

NAZISM: You have two cows. The government takes both and shoots you.

NEW DEALISM: You have two cows. The government takes both, shoots one, milks the other and throws the milk away.

CAPITALISM: You have two cows. You sell one and buy a bull.

The Eaton News



THIS IS RED CROSS MONTH, but there will be no separate campaign in Greater Philadelphia this year because the Red Cross is now part of the United Community Campaign. The pledge you made last fall supports the Red Cross blood program, supplying lifesaving fluid nearly every hour of every day to someone depending on it for survival.

Your UCC gift also helps the Red Cross fight disasters,* teach first aid, water safety and home nursing and provide the link between servicemen and home.

*Unforeseen emergency needs may require additional disaster funds, of course.

So You're Going Shopping for a Diamond

HELPFUL HINTS ON BUYING THAT JUNE RING

The ancients believed diamonds were born of lightning and gave them names which can be translated as "fire" and "thunderbolt." But actually the word "diamond" comes from the Greek "adamas"—meaning "hard." It's a logical name, since the diamond is the hardest substance known.

The world's first diamonds were found in India in the ninth century before Christ. They were discovered in streams and were panned by hand, much as gold was. From then on, India supplied most of the world's diamonds until about 1750. Discoveries of diamonds were made in Brazil in 1725, and that country still produces about two per cent of the world's supply.

Today most diamonds are found in Southern Africa. In the great Kimberly fields, where many of today's diamonds come from, diamonds are brought from mines 4,000 feet below the earth's surface.

The diamond has reigned for centuries as the most intriguing and most desired of the world's gems. It was the Pitt Diamond which financed Napoleon's career, the Kohinoor which adorns the British crown, and the Orloff which was worn by Catherine the Great. Throughout history, the diamond has been greatly esteemed as a symbol of life and power.

The occasion for giving someone a diamond—be it an engagement ring or a gift—is always a notable one. Most people don't buy enough diamonds in a lifetime to be very expert at it—so here are a few hints for the diamond shopper which should insure a good bargain and a happy recipient.

According to one of the world's great diamond experts, Lawrence S. Mayers, of New York, there are three considerations in judging the

value of a diamond—color, flawlessness and cut, or proportion.

The unit of weight is a carat divided into 100 points. When you're buying a stone, be sure to get the exact point weight. A 45-point diamond is sometimes called "one-half carat," but is actually worth about ten per cent less than a 50-point stone.

While weight generally determines the value of a gem, a one-carat diamond, for example, may vary as much as \$500, depending on the above-mentioned factors—



and you should know a bit about them.

Most diamonds vary in color from pure white to yellow, and sometimes have a faint tinge of orange or green. Most popular are the colorless. The so-called "blue-white" diamond is usually a colorless stone which gives off a multi-colored brilliance in which blue predominates.

If you're in doubt about the stone's color, look at a diamond in a natural north light against a white background or place it on a white sheet of paper. This will readily show up any yellow tinges.

Most diamonds have tiny inclusions—sometimes mistakenly referred to as "flaws." The Federal Trade Commission defines a per-

fect diamond as one which does not show any spots or blemishes when viewed through a magnifier of ten-power. These are denoted as AAA1 diamonds.

Tiny inclusions in diamonds invisible to the naked eye do not affect the brilliance of the stone, although they do affect its price. For a given amount of money, you can buy an AAA stone which may have a tiny pinpoint spot that can only be detected by an expert using a powerful glass and only when the diamond is unset.

The AA grade represents clear white diamonds, the cutting and proportions of which are up to the best standards and produce the maximum brilliance. These diamonds have minor inclusions a bit larger than the AAA, but still too small to be visible to the naked eye. This type of diamond is popular with those requiring a large-sized diamond at a low price.

Stones in which flaws are plainly visible to the naked eye on close examination have a sharply lower market value and most good jewelers will not offer them.

Incidentally, it is well to remember that the term "perfect cut" used by some dealers doesn't mean the stone is perfect. It refers only to the *cutting*. It's like the phrase, "beautifully styled," referring to a dress, which leaves entirely apart the quality of the fabric.

A booklet called "How to Choose a Diamond," which gives a lot of additional facts about diamonds and contains a scale for measuring the size of a diamond, also a ring-size scale to tell you exactly what size you wear, can be had by addressing L. & C. Mayers Co., 516 West 34th Street, New York 1, N. Y. Please enclose a three-cent stamp for mailing.



JOHN FERGUSON, JR., has graduated from Bainbridge Naval Training Center and is now stationed at the Navy Supply Building at the Marine Corps Air Station at Miami, Florida. Young Ferguson, who worked in the Accounting Department at Plant 17, TechRep Publications, before entering the Navy, is the son of John Ferguson, Sheet Metal Maintenance, Department 40-556, and his mother is in Engineering Processing, Dept. 13-642, Plant 50.

ON THE LIGHTER SIDE

Modern gadgets are so wonderful . . . why, in the old days we were always having to pull burned toast out of the toaster. Nowadays the burned toast pops up automatically.

The best time for a man's ship to come in is before he is too old to navigate.

The reason a woman is often called an angel by her husband is that she is always up in the air about something . . . always harping on something . . . and never has an earthly thing to wear.

"It's no use crying over spilt milk . . . it only makes it salty for the cat."

Aerovox News

RAMEY ARRANGES SAFETY SESSION

Harold R. Ramey, Philco Safety Engineer, had charge of the morning session, March 8, of the twenty-second annual Philadelphia Regional Safety and Fire Conference at the Broadwood Hotel. The two-day sessions were sponsored by the Philadelphia Chamber of Commerce Safety Council; Philadelphia and Delaware County Chapters, American Society of Safety Engineers, and Pennsylvania Manufacturers' Association.

SQUIRRELS HAVE THE RIGHT IDEA

There just isn't anything smarter than a squirrel—and not only as a possible candidate for Aunt Minnie's fur jacket! Some folks think owls are as wise as they come—but squirrels have got 'em beat, paws down.

And here's the reason, right in a nutshell. Instead of just staring at a problem, your friend Sammy Squirrel goes right out and tackles it. That's why he's so doggone busy, all summer long, storing up his food for that cold, snowy winter day he KNOWS is coming. . . .

Anybody can be as smart as a squirrel by always being prepared for whatever happens—and the BEST way to do that is to sign up on the Payroll Savings Plan *right now*, and stick with it, every payday. Buy Bonds, Hold Bonds for the big things in your life.



MR. AND MRS. WILLIAM WENTZ, who work in Dept. 503-3 and at Plant 29, respectively, are the grandparents of the lad above, Robert Segear. He is the son of Dolores Segear, who formerly worked in the Rivet Section, Plant 10.



THE LATEST IN BEDTIME FASHIONS is modeled by Michael and Mark Paglia, sons of Michael Paglia, a trouble shooter in Plant 50.

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