



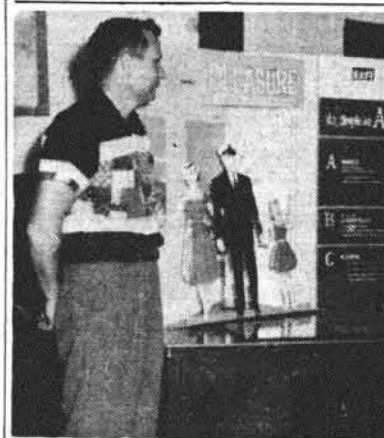
BURROUGHS NEWCOMERS—Nine of the new High School teachers beginning their first year of teaching here are pictured prior to the opening of school. Sitting (l-r) are: Mike Rambis, Delores Coleman and Lois Huetten. Standing (l-r) are: Neal Olsen, Ray Draper, James Riley, John Crowder, Jack Kristensen and Ann Clerley. New teachers not pictured are Joan Conner and Patrick Kennedy.

Burroughs Greets Adult Group... 11 New Teachers

Eleven teachers new to the Kern County Union High School and Junior College District began the 1959-60 school year last Tuesday at Burroughs High School, along with 34 instructors who have previously taught here. Incoming teachers are: James Riley, who will be a physical education instructor, received a Bachelor's of Education degree at San Jose State College. He will coach the "A" football squad, "C" basketball team, and will also assist in track activities. John Crowder, received the degree of Bachelor of Arts at Randolph College and a Master's in history at George Peabody College for Teachers. He will teach freshman English and social studies. Instructor in biology, life science and general science will be Ray Draper, who received his Bachelor of Science degree from the University of Utah and the Masters in Science from Oregon State College. Mr. Draper formerly taught at Sangor High School, Sangor, California. Miss Ann Clerley is a graduate of UCLA where she received a Bachelor in Arts degree, and will teach freshman English and social studies. She has had previous California teaching experience. Instructor in freshman English, social studies and journalism will be Mrs. Delores Coleman, who attended State Teachers College, Kearney, Nebraska. She holds a Bachelor of Arts and Master's degrees in English. An alumni of the University of Colorado, Neal Olsen will teach choir, band and both boys' and girls' glee clubs. Mr. Olsen holds both a Bachelor and a Master's degree in music education from the Colorado school. Mike Rambis is a graduate of Indiana Teachers College where he received the Bachelor of Arts and Master of Arts degrees in mathematics. He will teach general mathematics, algebra and general science. Miss Lois Huetten, who received the degree of Bachelor of Arts from the University of Wisconsin, will teach junior English and social studies. She transferred from Plymouth High School, Plymouth, Wisconsin. Instructor in geometry, general mathematics and algebra will be Jack Kristensen. Receiving his Bachelor of Science degree at the University of North Dakota, he taught formerly at Brookfield High School, Brookfield, Wisconsin. Sophomore English and social studies instructor will be Patrick Kennedy, who attended Colorado State College, earning both a B.A. and an M.A. in history. Miss Joan Conner will instruct physical education. She graduated from Colorado State College with a Bachelor of Science degree.

Community Council Aids in Survey of Station Ordinances

Existing Station ordinances are being studied by the Community Council and the Personnel and Community Relations Department. Formally stated ordinances and those which operate informally are being surveyed. The China Lake Community Council is interested in the extent to which these ordinances are actually understood and enforced. Also to be reviewed will be the levying and disposition of fines. Areas covered by the ordinances to be studied include: traffic, removal of property, both private and Government; fund raising and solicitation; investigation of deaths, control of domestic animals and identification passes. Also to be surveyed are: registration of firearms, restrictions on the use of binoculars and cameras, automobile insurance requirements; preventive medicine, sanitation, control of contagious diseases, licenses for private enterprises on the Station, rental and utility rates, housing assignments, and alterations and improvements on houses and yards. The Community Council asks that all residents interested in possible additions or changes to ordinances contact the Council's precinct representatives.



IT'S YOUR MOVE—The above BuSanda exhibit to be displayed at various points on the Station depicts the modern, painless techniques of moving household goods. Manning the display is Jesse Bell (L), Head of the Traffic Branch in Supply Department, and Pearl Law, Head of Household Effects Section.

Modern Techniques Streamline Moving Household Goods

Making the right move is the theme of a dramatic Household Goods Orientation Display on view this week at the Administration Building. The exhibit may be viewed at the Commissioned Officers' Mess from Sept. 14 to 19; at the Chief Petty Officers' Club from Sept. 21 to 26; at the Enlisted Men's Club from Sept. 28 to Oct. 3; and at the Commissary Store from Oct. 5 to 10. Sponsored by the Bureau of Supplies and Accounts, the display is designed to emphasize the ease of making shipping arrangements—provided Navy men and their families make necessary preparations and take advantage of the new improvements in household goods shipping regulations and techniques. In showing how to achieve happy household goods shipping, the display stresses that those moving must know what they want to ship, where they want to ship it, and when they want their prized, personal possessions delivered. The exhibit demonstrates the need for making plans early with the household goods shipping office. The display is stocked with a supply of the latest edition of the Household Goods Shipment Information pamphlet, NAVSANDA Publication 260, to allow prospective movers to bone-up on shipping matters at their leisure. One shortcut to happy moving in today's modern Navy is illustrated in the exhibit by a colorful presentation of improved "jet-age" packing methods. The new techniques eliminate mess and clutter by substituting safe, compact, corrugated cardboard for the customary shredded paper and excelsior. The BUSANDA display also features information on the \$6,500 indemnity insurance that is provided by the Military Personnel Claims Act. The fact that major household appliances are now serviced at origin and re-serviced at destination to insure safe handling incident to transportation is another of the improvements shown in the display. A visit to the display will clarify the modern techniques of moving. Information pamphlets are also available as part of the orientation.

United Fund... (Continued from Page 1) and Community Relations Department, will serve as chairman of the Social Planning Committee. This group is one which will work throughout the year, exploring needs of the community. Five Valley residents have been named to the Committee at this time, including: Cdr. Robert "Q" Jones, NOTS Chaplain; Cdr. Gantz; Jean Cone, Station Recreation Director; Hardin Lineback, Principal, James Monroe School, and Dorothy Monson, Burroughs High School business office. Nine additional committeemen will be selected. These people will represent local family and child welfare services, recreation activities and health organizations.

Rhymes of the Times EXPERIENCE HELPS, AVOID THE ACHE THAT COMES WITHOUT A GIVE AND TAKE. Agon's APPS

Test Department Employees Receive 144 Incentive Awards in Mass Presentation

Test Department Head Ivar E. Highberg presented Superior Accomplishment Awards, Beneficial Suggestions, service pins, Industrial Accident Prevention Awards and safe driving awards to 144 Department personnel recently. In addition, Industrial Accident Prevention Awards were earned by 28 divisions, branches and sections within the Department.

Employees receiving Outstanding Performance Ratings and Superior Accomplishment Awards for sustained superior performance were: Gustav Swiersz, John Moffett, Don Rossin, Henry Wair, Viola Bisson, George Shriner, Carl Daus, Maurice Westfall, Leon Bryant, George Kimball, Elecito Nadalin, Edward Thibodeau, Morton Ertl, John Gardner, Edward Malone, Merle Steemput, Billy Craddock, Jack Newman, David Nelson, Walter Brisch and Jack Harris. Those receiving Outstanding Performance Ratings alone included William Hitt and Monica Young, while those receiving Superior Accomplishment Awards only were: Mary Johnson, Arthur Cott, Norman Gilbert, Charles Moore, Pasquale Zagala, Ina Martinez and Charles Black. Superior Achievement Awards were earned by Jack Leininger, Willard Clark and Joseph Swatta.

Group Awards Group Superior Achievement Awards were awarded to: Data Automation Branch—Robert Herman and H. V. Hilkner; Opto-Mechanical Branch—Lena Millon, Leonard La Rosa and Juanita Evans; Optical Instrumentation Branch—Jack Godett, Darwin Tiemann, David Keyes and Edward Winnemore; Photographic Laboratory—Ethyl Wiebke, Elmer Zost and Herbert Hewston; Metric Correlation Branch and Electronic Systems Branch—David Kasper, George Mauser, Pasqual Mercado and Joel Trimble. Patent Awards were made to Jack Davidson and James De Santo of Missile Range Division. During the presentation ceremonies held at the Community Center, the following ten Test employees received checks for adopted Beneficial Suggestions: Wanda Abernathy, Carroll Evans, David Hornbaker, Walter Mader, George Reger, James Brown, Donald Godett, Richard Joyce, Jack Sturgeon and Charles Adams.

Federal Service Pins The single recipient of a 20-year Federal Service award was Merle Steemput, Rocket Propulsion Mechanic in the Track Operations Branch of the Supersonic Track Division. Ten-year NOTS service pins were given to: Ralph Bucher, Susan Cove, Carol Wilson, Henry Weisbrich, Opal Trent, Charles Mauss, Grace Howlison, Helen Morrin, Morton Ertl, William Griffith, Belmont Frisbee, May Viles, Robert Jack, James Evans, James Rickhoff, Arthur Cott, Cyril Cove, David Jones, Donald Ray, Gordon Chanter and X. Martin Smith. Five-year NOTS service pins were received by: Bertha Eubank, Charles Arnold, Anthony Rice, Mariah Hill, Caroline Jeffries, Jack Stunkel,

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TO THE MOON AND BACK—Station youngsters who completed the journey to the moon and back during the summer months while participating in the Library's Summer Reading Club, were awarded certificates at the trip's end party last week. Travelers (l-r) are: First row—Steven Andrews, 67 books; and Sally DeSanto, 70 books. Second row—Joanne Stanley, 60 books; Penny Hunter, 90 books; Margaret Worster, 71 books; Terry Andrews, 103 books, and Kathy Stanley, 84 books.

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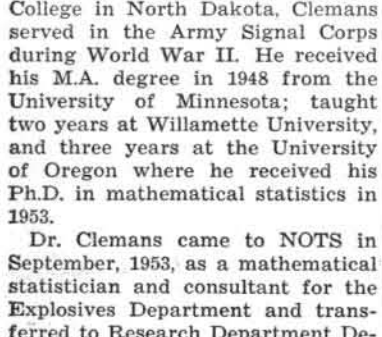
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ROCKETEER logo with a rocket illustration and the text 'Our two greatest problems are gravity and paper work. We can lick gravity, but sometimes the paper work is overwhelming. Dr. Werther von Braun'.

TEMPERATURES table with columns for Max. and Min. temperatures for various dates from Sept. 4 to Sept. 10.

Dr. Clemans Leaves Today for Illinois

Dr. Kermit G. Clemans, mathematical statistician in Research Department, leaves NOTS today to take a position as Professor of Mathematics and senior member of the mathematics group of a new state university now under construction at Edwardsville, Illinois. The university has been operating in temporary quarters for two years as a branch of Southern Illinois University at Carbondale. It has a faculty of 200 and expects 4,000 students to enroll this fall. Enrollment is expected to reach 6 to 8,000 by 1962 when they occupy their new campus. A 1943 graduate of Jamestown College in North Dakota, Clemans served in the Army Signal Corps during World War II. He received his M.A. degree in 1948 from the University of Minnesota; taught two years at Willamette University, and three years at the University of Oregon where he received his Ph.D. in mathematical statistics in 1953. Dr. Clemans came to NOTS in September, 1953, as a mathematical statistician and consultant for the Explosives Department and transferred to Research Department December, 1955. He has participated in numerous Station projects, published research, and taught statistics for the UCLA program. He is a member of Sigma Xi (RESA) and professional mathematics and statistical societies. His name and biography appear in American Men of Science. He and his wife, Betty, were active in Church, Cub Scouts, and Rockhounds during the years they lived at NOTS. Dr. Clemans was a member of China Lake's Toastmasters Club 853. Mrs. Clemans has been a member of the Toastmistress Club 854 for the past four years.



Dr. Kermit Clemans

Eleven Station Inventors Get Patent Awards Eleven Station employees were presented a total of four Notices of Allowability and five issued patents by Captain W. W. Hollister at a presentation ceremony Wednesday, September 9. A Notice of Allowability is awarded in lieu of an issued patent when the case is classified and is not permitted to issue. When a patent issues, it becomes an open publication. Inventors who received recognition for their contribution to the Station's mission are as follows: Notices of Allowability Rex L. Smith received his Notice of Allowability for his "Igniter Assemblies," an igniter assembly which permits separate storage and assembly of igniter and squib components, a feature providing greater safety in handling and assembly, and better storage stability of the components. Dr. Ronald A. Henry received his Notice of Allowability for his "Liquid Propellants," an invention which resides in the use of ultraviolet light absorbing additives to increase the burning rate of liquid propellants. Dr. Eli D. Besser, Robert T. Mather, and Dr. William G. Finnegan received a joint Notice for their "Process for Making Propellant Formulations," a new process for making double-base propellant grains having increased resistance to cracking and improved ballistics properties. Floyd A. Kinder received his Notice for his "Airborne Cinethedolite." The invention comprises an airborne cinethedolite and the method for using it to obtain accurate tracking data on a missile in flight. Patents Issued O. Jerry Saholt was issued a patent for his "Pressure Actuated Stepping Switch," a process for controlling the sequential ignition of propellant grains. Karsten S. Skaar was issued a patent for his "High Strength Fiber Glass-Metal Construction and Process for its Mfg." The invention is a high strength joint for joining a fiber glass bomb or rocket casing to a metal ogive nose piece. William A. Gey earned his patent for his "Igniter Squib." The invention comprises an igniter squib for use with hard-to-ignite propellant material. It is presently being utilized in a number of rockets. Clarence E. Weinland and Arthur C. Ellings (terminated) received a joint patent issue for their "Rocket Motor Assembly." The invention comprises an internal seal for a rocket motor tube which prevents the leakage of combustion gases between the outer surface of the grain and the motor tube. It is being used in the 2.75 rocket. Paul Driver received his patent for his "Force Measuring Apparatus." The invention is a highly sensitive accelerometer which may be used for measuring extremely small changes in linear or angular acceleration.

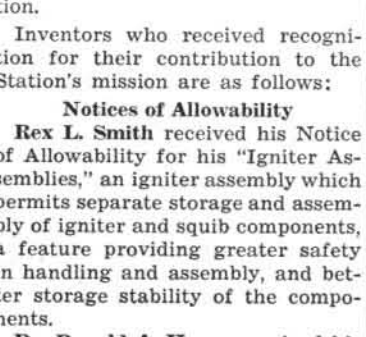
Seventy Reservists Will Tour Station Over 70 Naval Reservists will visit the Station this weekend, according to Bill Hampton, Technical Presentations Coordinator. The group will be composed of members from the Naval Reserve Composite Company 11-9, Seal Beach; two Naval Reserve MSTF Divisions, 11-2 of Los Angeles and 11-3 of San Pedro; and three MSTF Companies, 11-04 Los Angeles, 11-05 San Pedro, and 11-07 Pasadena. The China Lake Naval Reserve Ordnance Company 11-1, commanded by Lt. Col. H. T. Lotze, will act as hosts for the visitors during their two-day tour of the Station. Lt. Col. D. L. Bryant will be Officer-in-Charge of the tour and Lt. L. D. Bryant will be the Assistant Officer-in-Charge.

Liaison Officer Change

Frank Knemeyer, Weapons Development Department's Assistant Head, will be the NOTS Liaison Officer from September 18 to October 23. He will relieve Research Department's Dr. John Maxfield who became Liaison Officer on August 11.

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YOUNG DOCTOR—Newly arrived on the Station and assigned to the Hospital is Lt. Paul K. Larive, USNR. A member of the Naval Reserve since 1957, Lt. Larive has recently completed his internship at the San Joaquin City Hospital, near Stockton. He attended George Washington University, Washington, D.C.; Iowa's Cornell College, and the University of South Dakota, and holds degrees in zoology and medicine. Lt. Larive, his wife, Pat, and their four boys reside at 403-B Thompson.

Expert Medical Care Saves Young Mother A young woman whose heart stopped beating during normal childbirth was revived by manual heart massage at the Station Hospital on Sept. 4. Donna Williams, 19-year-old wife of Sgt. Clayton L. Williams, attached to the Marine Barracks, entered the Hospital anticipating a routine delivery of her child. During the course of delivery, Mrs. Williams suffered systemic shock and her heart stopped beating. Attending doctors immediately opened her chest and performed manual massage of the heart for approximately seven minutes. The child, a six-pound, nine-ounce girl, is presently at the Station Hospital, and is normal in every way. Mrs. Williams was later taken to the San Diego Naval Hospital by ambulance for further definitive care and treatment. A report from that facility states that the young mother has been taken from the "critical" list and although still considered as "serious," her condition is improving.

Long Range Plans— Fund Campaign Begins Oct. 19; Goal Not Set During the five-week period extending from October 19 through November 20, every person living within the limits of the Indian Wells Valley will be asked to help their neighbor and, thus, themselves, by subscribing to the IWV United Fund. Everett A. Long, president of the Board of Directors and last year's campaign chairman, states that the goal of the 1960 drive has not yet been decided. Those agencies desiring to participate in the Fund drive have been asked to submit their budgets to him prior to Tuesday, September 15, in order that the monetary needs may be determined. Agencies participating in the United Fund last year included the Desert Area Emergency Relief, Girl Scouts, Boy Scouts, Rand District Cemetery, Desert Area Family Service, Red Cross, United Service Organization, Salvation Army and the Indian Wells Valley Recreation Council. Campaign Committee Chairman of the Campaign Committee, which will conduct the actual drive for funds, is William Duarte, Manager of the DuWes Engineering Company in Ridgecrest. Mr. Duarte, a resident of the area for nearly a year, and having a two-year association with the Indian Wells Valley, states that an "on-the-job" drive will be conducted again this year. All people working in places of business throughout the Valley will be contacted at their place of work. Provisions are also being made to contact those who live in this area and who work elsewhere, he said. Named to Duarte's committee are John Trigg, who will conduct the campaign activity at NOTS; Pat Tharpe of Ridgecrest; Harold Pierce, principal of the China Lake Elementary Schools; Chuck Mangold, Station Athletic Director; and John Cleveland, a leading man in Public Works. Additional members to be appointed to this committee will include at least one representative from Inyokern, who will direct the Fund drive in that area. Annual Football Game One of the outstanding events of the United Fund campaign will be the Second Annual Navy-Marine Football Game on Thanksgiving Day, November 26, at 11 a.m. All proceeds from the 50-cent admission tickets will be added to the campaign total. Sponsored by the Special Services Division, men playing will be selected from within the Station's Intramural Football League. Committee Named Chairman of the four working committees were named at a recent meeting of the Board of Directors.

Single Adults Plan Formation of Group

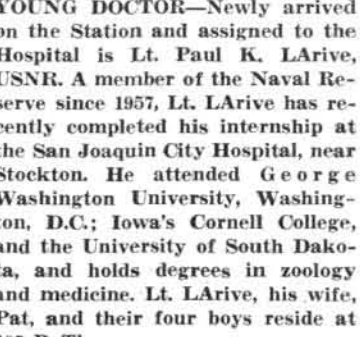
Nearly 125 adults met September 1 in the Anchorage to discuss the need for and the possibility of organizing in order to provide themselves with an outlet for their leisure hours. Sponsored by the Special Services Division, represented by Lt. Arlen Olson, Special Services Officer, Jean Cone, Recreation Director, and Chuck Mangold, Athletic Director, the meeting was the first such effort on the part of single Station employees over 21. Initially divided into four discussion groups, the wishes and views of these groups were presented to the entire assemblage in Single adults wishing to participate in specific planning for the first all-inclusive activity of this group are invited to attend the meeting next Tuesday, September 15, at 7:00 p.m. in Room B of the Community Center. An open-meeting period moderated by John Chatfield. Reporting the results of each of the smaller units were Glenrose Symington, Les Fairall, Jim Waddingham and Norbert Hartman. Although varying suggestions were offered and debated, the general consensus of opinion was that (Continued on Page 4)



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Sport Slants

By Chuck Mangold, Athletic Director

The annual Military-Civilian Golf Tournament will be held next Sunday, September 13. First tee-off time will be at 8 a.m. sharp. Golf balls will be awarded to the winning teams.

Donald Mitchell, YN2, Ext. 8283, or Grant Gorman, Ext. 71829, will supply further information to anyone who calls.

The annual China Lake Golf Club championship tournament will be September 25 and 27. Roger Lenhardt, Ext. 72990, is the man to contact for more information on this tourney.

Football

The Station Intramural Football League, which starts on September 25, with the opening game between VX-5 and MCGMTU, promises to be an even better league than last year's if practice sessions are any indication of things to come. Coach C. L. Ray of the VX-5 team has 38 men out for practice, while Lt. Donald Milone, Marine Barracks, has been working out with 30 of his men for the last three weeks. "Ace" Valenzuela, NAF coach, has 35 men participating, while OWO Bob Bricker, MCGMTU, has 25 men on the field. The NOTS team, coached by Dr. M. J. Brockman, so far, has 25 po-

tential players. There'll be football each Tuesday and Thursday night at 7 p.m. All games will be at Kelly Field (high school gridiron).

Bowling
Personnel of all military units are invited to participate in the Intramural Bowling League. Points earned in League play will count toward the Captain's Trophy. Entries for this tournament must be submitted to the Special Services Officer, Code 855, not later than September 18. All entries must be submitted via the unit special services officer and should include the name of the team and telephone number of the captain.

A meeting for all personnel interested in the Bowling League will be held in the Housing Building conference room on Wednesday, September 23, at 1 p.m.

Vieweg Adds Three Newcomers to Staff

Three of the 27 new teachers employed by the China Lake Elementary School District for the coming year have been assigned positions at Vieweg School, according to Grant Pinney, Principal. They are Miss Carol Soule, Mrs. Jean Haseyama, and Mrs. Mary Bischel.

Carol Soule, first grade teacher, attended Santa Barbara College at Goleta, California, and UCLA where she completed her AB degree with a major in Elementary Education last June.

She has been active in college activities and in community and church work, and has traveled throughout the United States, Canada, and Hawaii.

Her mother is at present a teacher in the Los Angeles School System. During the summer of 1957, Carol studied at the University of Hawaii.

Jean Haseyama, recently married to Sanford Haseyama of China Lake, will teach first grade. A graduate from the University of Hawaii in June, 1957, with a Bachelor of Education degree, she has since completed one year of graduate study earning her five year diploma. She taught kindergarten one year at Kapalama School in Honolulu and one year in August Ahrens School in Waipahu, T.H.

Other activities have been with her community and church, and as instructor in the adult education evening program in Waipahu.

Mary Bischel, a China Lake resident, will teach kindergarten and girls' physical education in her first full time position as a China Lake teacher. A prominent member of the community for the past six years, Mary received her BS in education from Northwestern University at Evanston, Illinois, and has since studied at UCLA, Fresno State, and Bakersfield College.

She has been active in playground and recreation work, taught swimming, and has been a substitute teacher here for the past five years. She previously taught two years in Evanston, Illinois.

Classes in Modern Dance To Be Given

This fall, a series of three modern dance classes—one for children, one for teenagers and one for adults—will be taught by Joan Leipnik.

Modern dance, unlike ballet, ballroom, folk, swing or rock and roll, has no definite steps or style, Mrs. Leipnik reports.

The purpose of modern dance, she added, is to develop self-expression and understanding of dance, as well as to enhance physical health.

The dates for enrollment and the first meetings of the various classes are:

Children's class, Monday, Sept. 14, 3:15 to 4 p.m. at the RAFT Club; teenagers' class, Thursday, Sept. 17, 3 to 4 p.m., at the RAFT Club; and adult class, Wednesday, Sept. 16, 6 to 7:30 p.m., at the China Lake Community Center.

Those interested in registering can do so by calling Joan Leipnik, Ext. 73273.

Players Seek Cast For Fall Production

Wanted — by the China Lake Players — six women to portray glamorous roles in "The Seven-Year Itch," a romantic comedy to be presented this fall.

Range in age and type from a pert actress, sleek secretaries, a French model and the sophisticated wife of a New York publisher, the women's roles are the most entertaining that local actresses have been offered in some time, according to Mary Wickenden, who will direct the play.

The major role, however, is for a man. The plot concerns his fantasies about the women in his life and what they really think about him.

Tryouts for parts in "Seven-Year Itch" will be held Tuesday and Wednesday, September 15 and 16, at 8 p.m. in the Players' Hut (No. 81 Halsey). Readings for the Players' productions are always open to any interested person and new members are welcomed by the local theatre group whether they have had any previous experience in drama groups or not.

"Seven-Year Itch" is a particularly interesting play because of its use of dream sequences and the fascinating changes in acting styles between reality and fantasy, declared Mrs. Wickenden. The comedy, written by George Axelrod, was produced with great success on Broadway in 1953 and was produced as a movie starring Marilyn Monroe as "the girl upstairs."

The movie script was changed considerably from the original play, the director stated. "The Players hope to make their presentation very close to the original script."

There are roles for six women, three men and a small boy in the cast. "Itch" will be presented early in November. Anyone interested in reading the script or in the rehearsal schedule may call the director at Ext. 77971.

Promotional Opportunities

Only persons currently employed on this Station may apply for the following positions, and up-to-date Form 58 should be submitted when applying.

Clerk Stenographer, GS-3 or GS-4, 14621, Code 252. Obtaining and assembling information; preparation of reports and correspondence; personal phone contact, stenography and related duties. These duties performed for the Planning Division.

Electronic Tech., GS-9, PD 17431, Code 8543. In charge of ground frequency monitoring and direction finding facilities.

Physicist, GS-11, PD 10296, Code 3041. Design, development of underwater instrumentation devices and analysis of oceanographic data.

File applications for above positions with Verla Walker, Personnel Bldg., Room 34, Ext. 72032 by Sept. 18.

Clerk Typist, GS-3/23, PD 25857-Aml, Code 18. Maintaining publications, files and outgoing mail log, typing letters, instructions, reports, etc., answering telephone and giving information, as well as maintaining ticker system for reports.

File applications for above positions with Mildred Beck, Personnel Bldg., Room 26, Ext. 72223 by Sept. 18.

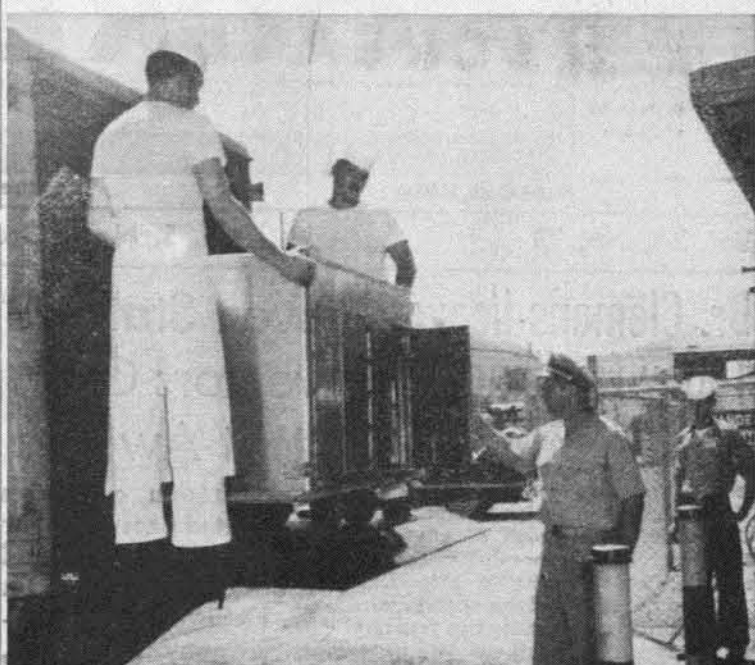
File Clerk, GS-211-3, PD 30003 Aml, Code 6526. Maintenance of active and inactive personnel folders, answering requests for information from official personnel folders and assisting in preparation of statistical reports.

Other Federal Opportunities
Supervisory Systems Accountant, GS-510-15, in the Office of the Comptroller, Accounting and Finance, Accounting Division, Executive Office of the Secretary, Washington, D.C. Applicants must have a broad systems accounting background with the Navy Department which includes supervisory, property accounting and finance experience. For further information, contact Eloise Buck, Code 6521, Ext. 72059.

Fair Lady Finalists
Patty Bednar, AFGE and GEBA-sponsored candidate for the Desert Empire Fair's "Our Fair Lady," is one of three finalists for the title. Other leading candidates are Naomi Van Meter and Margie Lyons.

Capt. W. W. Hollister will officiate at the coronation ceremonies to begin at 7 p.m. tonight at the Hideaway in Ridgecrest.

Mobile Food Cart Serves NAF



STEADY!—First of a series of new features planned for improving the food service at the NAF galley is the use of the mobile hot food cart pictured above. Men steady the cart poised on a newly devised hydraulic tail gate lift on the back of a truck as it backs up to the loading platform at the NAF galley.



ROLL!—Containing 16 or 18 inserts for hot food, 3 top inserts for serving, and 2 wells for liquids, the compact, stainless steel mobile cart is rolled into the NAF galley without spilling a drop.



CHOW!—Men at the NAF duty section are served directly from the unit. The food was prepared and the cart stocked at NOTS main galley.

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What's Doing IN RECREATION

By Jean Cone, Recreation Director

The Adult Station Dance next Friday, September 18, will usher in the fall monthly dance series with "name" entertainment, good dance music, and the extended dance area in the newly decorated patio at the Community Center.

The music will be by ever-popular Pug Plicher with entertainment by famed Virginia O'Brien.

Dancing will begin at 9 p.m. next Friday and Miss O'Brien will appear at approximately 10:15 p.m. Admission will be \$1 for the men, women free. Reservations for groups of eight or more will be held until 9:30 on dance night. Call 72010 for your group reservation.

Virginia O'Brien is invariably referred to by unflattering reviewers as "The Dead Pan Singer," but she doesn't mind—at least not too much. The description has been earned by her unique singing style, and all those who have seen her just once recall Virginia the instant the phrase is used in a movie review, a columnist's item or a magazine article.

Strangely enough, Virginia O'Brien was born within a stone's throw of Hollywood. She attended North Hollywood High School, and according to her friends, exhibited little interest in dramatics at the time. The lithe and willowy Miss O'Brien was interested in dancing, however, and she thought (although admittedly without any great driving ambition) that she might some day become a dancer.

To further that end she enrolled in dancing school and took lessons for some five years. But just when the amateurish edges were being worn off and a professional gloss began to emerge, Mama O'Brien decided that her daughter was entirely too thin and that the dancing lessons would have to be given up. At any rate, Virginia did not protest the loss too strongly—but she did miss an outside-of-school interest. Singing lessons were suggested, they wouldn't cause any loss of weight, and besides they'd be something to do. Virginia agreed.

The lessons followed, and as predicted, they were something to do. Virginia was fairly certain that she'd never be a professional singer—but she did like music.

She was offered a featured place in "Meet the People" following an audition at the voice school. Virginia said "Thanks but I'm not interested" and went home. It took a dozen phone calls and many fervent appeals before she was induced to give the whole thing a whirl.

Dead-pan's Evolution
This casual, even indifferent, attitude was replaced by a virulent case of stage fright on opening night. The young singer faced her audience, stark terror dogging her every move. The songs came out perfectly, each note good and true, but she was powerless to move a muscle in her face. The audience howled, and Virginia went crying into the wings. It took a lot of explaining back stage to convince the distraught young vocalist that she was a smash hit as a comedienne!

Virginia was immediately signed by MGM and was seen in such pictures as "Panama Hattie," "DuBarry Was a Lady," "Lady Be Good," "Two Girls and a Sailor," "As Thousands Cheer," "Zeitfeld Follies," "The Harvey Girls," "Til the Clouds Roll By" and many more. On TV you may have seen her on any one of a number of top shows.

In private life, Virginia lives in the San Fernando Valley with her son and two daughters. Of late, she has been dividing her time between her home, television and personal appearances.

Square Dance Class
The Cactus Squares of China Lake are holding their beginners' square dance class this year in the Recreation Hut (formerly the Supervisor's Hut). The class is open to all persons, military and a civilian, who want to learn to square dance. No new pupils will be accepted after the first three sessions.

RAFT Club
Due to a reduction in staff, the RAFT Club will be closed each Sunday and Monday, beginning Monday, September 14, until further notice. Hours of operation will now

News From Pasadena

Polaris System is Major Defense Plan Element

WASHINGTON—(NAVNEWS)—"In 1960 the operational Fleet Ballistic Missile weapon system will be an element in our structure of defense."

Thus, the progress of Polaris is graphically described by RADM. W. F. Raborn, Director of Special Projects, which includes the development of Polaris.

In a prepared statement presented recently to the House of Representatives Science and Astronautics Committee, Admiral Raborn said, "I am happy to report that we will have this system in 1960."

Continuing with a detailed description of the system's progress, the Admiral described Polaris as a system that "our nation has to have to deter any possible enemy from starting—even to consider the start of a general war."

As weapon system manager with the responsibility of keeping the component parts of Polaris moving in parallel development, Admiral Raborn and his staff are charged, as a team, to "design, test, and produce hardware which can be depended upon, should the need for the Fleet Ballistic Missile weapon system ever arise, to do its job with certainty."

To date, 35 flight tests have been made. Of those 33 launchings, Admiral Raborn told the space group, more than two-thirds (24) of the flight tests have been completely successful in that all specific technical objectives were reached. Seven of the 33 were rated partial successes and two launchings were failures. However, Admiral Raborn pointed out that "we learned from these failures."

The Polaris director said that none of the missiles yet fired are the operational type. "What we have fired in this program," he explained, "have been various configurations of flight test vehicles to gain in formation on various missile components in a flight environment and to determine the compatibility of the missile subsystems." Operations missiles are scheduled to be fired sometime in the future.

Until such time as operational type test missiles are fired, full scale flight test vehicle firings will be continued from Cape Canaveral, Fla. Later this year live firings will be held about from the weapon system test ship Observation Island. The Navy will also continue underwater launchings off the California coast.

Admiral Raborn concluded his report to the House Committee by saying, "As of today, and based on analysis of all data at hand, I feel, and state again, that we have every reason to predict success in achieving a dependable missile system by the end of next year."

Pasadena Profile

Andrew G. Fabula

Andy Fabula is an Aeronautical Research Engineer (Hydrodynamics) in Oceanic Research—Pasadena Group (P508).

Born in Bayonne, New Jersey, he grew up in the northern New Jersey town of Ho-Ho-Kus. During World War II, he served in the Air Force, first as a bombight mechanic and then as a weather observer.

In 1946, he returned to Princeton University and received a B.S. degree in Aeronautical Engineering in 1949. During 1949-1952, Andy did graduate work in aerodynamics at Caltech, receiving his M.S. degree in 1950 and his Aeronautical Engineering degree in 1958.

Full-time work at NOTS began in 1952, mainly in water entry research in P807.

After transfer to the Office of Naval Research Branch Office, Pasadena, there was part-time work at Caltech on cavitation and then a year in Washington, D.C. with the Mechanics Branch of ONR.

Last May, Andy returned to NOTS to do full-time work in hydrodynamics.

In 1953, Andy and Connie Triesch of Glendale were married after a courtship starting on a ski trip. They now live at 4205 Granada Way in La Canada with their children—David 4, and Tina 3.

Personnel Statistics

New Employees
Robert T. Hodgson, Physicist, in UOD's Professional Development Program; Mrs. Gayle F. Lake, Clerk-Stenographer, WAE appointment; Mrs. Beatrice S. A'Hearn, Clerk-Stenographer, in P804; and William Arnell, Machinist (Experimental), transferring from China Lake to P8084, Morris Dam.

Promotions
P1901—Mrs. Barbara E. Leisgo from Clerk-Typist GS-3 to Clerk (Typing) GS-4.
P802—Roger W. Hough from Physicist (General), GS-9 to GS-11.
P804—Lloyd Z. Maudlin from Supervising Electronic Scientist (General), GS-13 to GS-14, and

Lawrence Goes To Naval War College

Bruce E. Lawrence of the Weapons Planning Group left last week for Newport, Rhode Island, where for the next year he will be associated with the newly-established Naval Long Range Studies Project group at the Naval War College.

The group has been established as an aid to the Office of the Chief of Naval Operations for "forecasting the requirements of the Operating Forces of the Navy for equipment, material, personnel, and supporting services."

Lawrence is well qualified for the assignment having had wide experience in science and engineering in naval ordnance both as an officer and as a civilian. As a naval officer, he served three and one-half years as a Radar and Electronics Specialist which included duty aboard an aircraft carrier, in BuAer, and as an instructor in electronics at MIT.

He has twelve years experience with NOTS, in range metric electronics and telemetering, with station technical program planning and analysis, as Head of Management Division, Central Staff, and six years at Pasadena with the Torpedo Effectiveness Office, Central Evaluation, and Weapon's Planning Group.

Lawrence and his wife, Beverly Jane, with two children—Shelly 13, and David 11—will make their home at Newport for the next year.

Briefly Speaking

Bowling
NOTS Bowlers began winter league play Wednesday evening, September 9. The League is composed of twelve teams, three men and two women on each team. League play is held each Wednesday evening beginning at 6:20 p.m. at the Pasadena Bowling Center.

Lyle Emerick, P25604, is chairman of the league. He invites anyone wishing to join the league to contact him.

Davis Leaves
Jack Davis, Ordnance Inspector in P8092, left NOTS last week to accept a position with private industry. Jack had been with NOTS Pasadena for thirteen years.

Overseas Club
Members of the NOTS Overseas Club held their annual dinner on August 29 at Rancho Hillcrest. Following dinner, pictures were shown of the Club's 1959 trip to Europe. The Club has had four annual European trips and is now in the process of determining what the membership wishes to do next year.

Noon Show
The noon entertainment program on Wednesday, September 16, will be movies of Yellowstone, a Ford Motor Car film.

"Voice Beneath the Sea," a Telephone Company film, will be shown the following week, September 23.

Visitors
Visiting NOTS Pasadena on Wednesday, September 9, was D. R. Hiseock, Scientific Advisor on Underwater Warfare to the Admiral, British Joint Services Mission, Washington, D.C.

Here today is Captain H. C. Maynard of Operational Test and Evaluation Force, Pacific Project Division, San Diego.

An interesting memorial to the saving ways of George Washington is a yellowed requisition slip calling for a new chain for a Navy ship. Across the paper, faded but still legible, appear the words: "Approved, but cannot something be realized from the old chain? G. Washington." Coronet