

MASTER COMPUTER—Virginia Proehl, Data Computation Branch, points out the console of the IBM 709 Computer recently installed in Michelson Lab for use in data analysis by the Test Department.

Fellowship...

(Continued from Page 1) received a bachelor of arts degree in 1959.

Local Rotary Sponsors Rockwell was recommended for the fellowship by the China Lake Rotary Club. The selection committee consisted of Kenneth H. Robinson, chairman; Lester Garman; William Duarte, Ridgecrest; and Robert Sherman, Trona.

After his selection out of a field of 15 boys, he then competed with selectees from 40 Rotary Clubs in District 824, an area within Oxnard, Paso Robles, Morro Bay and China Lake. Rockwell is the third nomi-



R. L. Rockwell

nee to be submitted by the local Rotary Club but the first successful finalist.

Candidates must be single, between 20 and 29 years old, have a college or university degree, a high scholastic record, and a thorough knowledge of the language of the country in which they wish to study. They must be able to make friends easily, be vitally interested in world affairs, and have leadership ability. Rockwell speaks German fluently and hopes to be accepted in a university in Switzerland.

Honor Student

At Bakersfield College, he was a member of the American Association of Engineers and the Engineers bowling team. At the University of California, he was a member of the Honor Students Society and manager of White Shingles, a men's residence hall. He was elected to Phi Beta Kappa, national scholastic honor society.

Since graduation, he has become a member of the Society of Photographic Instrumentation Engineers, the Astronomical Society of China Lake, and the local Toastmasters Club.

VTO Patent...

(Continued from Page 1) gines, turbo-prop or pure jets. According to Cox, one of the advantages of his machine is its ability to take-off or land in a limited area. It is also capable of being landed horizontally on skids provided on the fuselage if engine failure were to be encountered in vertical flight.

Cdr. Cox, on board the Station since April, 1957, made flight history during a tour of duty at the Naval Air Test Center, Patuxent River, Md. Upon reporting to China Lake, he held two transcontinental speed records made in an ASD-1 "Skywarrior" round-trip, Los Angeles-New York flight.

IBM 709, Fastest, Newest Computer, Speeds Work Here

Installed this week in the northeast wing of Michelson Laboratory is one of the latest in a series of electronic wonders designed to speed research, development, and testing at NOTS. This is the IBM Electronic Data Processing Machine, Type 709, to be utilized by Test Department's Data Computation Branch.

Not only operating more rapidly than its predecessors, the 709 computer also permits more versatile application. For example, by use of a flight-simulation technique, characteristics of a missile, such as weight and shape, can be mathematically related directly to their effect upon the missile's flight.

Arithmetic and control functions are accomplished by the Central Processing Unit, the heart of the 709. Most instructions, including addition and subtraction, require only 24 millionths of a second for execution. More than 180 arithmetic, decision-making and control instructions are available to the programmer.

The 709's Magnetic Core Storage Unit has an extremely large capacity for storing data and instructions. Over 32,000 "words" of storage, equivalent to over 327,000 decimal digits of storage, enable internal high-speed handling of the most complex and voluminous problems.

Fast Action

Subsidiary input-output units pour information into the computer's memory and take out the answers. The input delivers data to the computer by way of punched cards (250 per minute) or magnetic tape (2,500 numbers per second). The output units dispense results from the computer by way of printed answers (150 lines per minute), punched cards (100 cards per minute) or magnetic tape (2,500 numbers per second).

The new Data Synchronizer of the 709 makes it possible that records of information may be read and written while computations are being performed—all at the same time.

A special number system permits the computer to operate most efficiently. In this "binary" system, all decimal numbers are represented by combinations of the digits "0" and "1." Thus, the 709 can represent any numerical value merely by turning its components off for "0" and on for "1."

The steady increase in mathematical computation at NOTS required installation of the IBM computer to replace the slower, less versatile IBM 704.

Credit Union Changes Hours of Operation

Beginning Monday, January 4, 1960, hours of business of the NOTS Federal Employees Credit Union will be from 11 a.m. to 5:15 p.m., Monday through Friday.

If it's News Call the Rocketeer Ext. 71354, 71655, 72082

Cdr. Selden N. May Leaves to Command Big Regulus I Unit

Duty as commanding officer of Guided Missile Squadron Two, Roosevelt Roads, Puerto Rico, awaits Cdr. Selden N. May, who departs the Station today.

May will take over his command, a Regulus I and Drone service group, on February 10, 1960.

His new command is comprised of 32 officers, 370 enlisted men and 20 aircraft.

Reporting to China Lake in October, 1956, May served as Officer in Charge of Guided Missile Unit 61 until the completion of its mission brought about disestablishment of the noted Sidewinder development



Cdr. Selden May

group last June. He has since held the post of Guided Missile Project Officer for the Naval Air Facility.

Firing more than 60 Sidewinders here, Cdr. May has been called the leading Navy pilot in experience with the missile. Two of his more memorable flights took Chief of Naval Operations Admiral Arleigh A. Burke and Bureau of Ordnance Chief Admiral Paul D. Stroop aloft for firing demonstrations.

The pilot's Puerto Rican duty will requaint him with the Regulus missile. Prior to reporting here, he served as Executive Officer of GMGRU-1 at Barbers Point, Hawaii, during evaluation of that missile.

Richard Tucker to Sing in Second Concert of Season

Acclaimed by many as the greatest of all tenors, Richard Tucker of the Metropolitan Opera Association, now at the top of his luminous career, will be the featured artist at the second NOTS Civic Concert of the season on Jan. 8, 1960, at 8:15 p.m. in the Station Theatre.

Concert goes everywhere are rewarded highly with Tucker's faultless lyricism, wide range and compelling power. He is regarded as the finest "Italian" tenor in the world today, appealing to all tastes and all people.

"Richard Tucker should be heard by as many people as possible," commented a Springfield, Illinois, reviewer. "He is something America can be proud of!"

Met Debut in 1945

Tucker began his career by taking voice lessons from the famous old-time Wagnerian tenor, the late Paul Althouse. For the next few years, he stalked his goal with patience, energy, and artistic devotion, and, in 1944, he was auditioned at the Metropolitan. He made his debut a year later in the starring role, Enzo, in "La Gioconda" and became the sensation of the season.

Program

His China Lake concert will include: "If With All Your Hearts" from Elijah by Mendelssohn; "Sound An Alarm" from Judas Macabaeus by Handel; "An die Musik" and "Rastlose Liebe" by Schubert; "Wie Bist Du, Meine Konigin" and "Wie Froh und Frisch" by Brahams; and "Addio Alla Madre" from Cavalleria Rusticana by Mascagni.

During intermission, his piano accompanist Erwin Josep will play "Jeux d'Eau" by Ravel and "Rondo Brillante" by Weber.

The second portion of the concert will include: "When I Bring to You Colour'd Toys" by Carpenter; "The Abbot of Derry" by Weaver; "How Do I Love Thee?" by Lippe; and "Midsummer" by Worth; "Le Manoir de Rosamonde" by Doparc; "Tos Yeux" by Babey; "Flower Song" from Carmen by Bizet; and Neapolitan Songs from "Sorrento"; "Dicitencello Vuie" by Falvo and "Mamma Mia Che Vorsape" by Nutille.



... to give Jan. 8 concert

Recreation...

(Continued from Page 1) the fact that Station recreation is not a business or public utility... it is a public service to meet one of the basic human and social needs of our day.

Value Lies In Service

"The value of a recreation program lies in its service to the people, not its income-producing ability," the recreation authority emphasized.

"There are instances in which service charges are warranted," he continued, "to help defray expenses for special services or privileges, to assist with discipline and control of a program, and to promote greater interest and appreciation of a program."

Application Here

In applying these principles to the situation at China Lake, Collier suggested that in lieu of charges for special services and privileges for use of our recreation facilities that special interest and hobby



... Jean Cone and NRA's John Collier discuss our recreation program.

groups be given a choice of alternatives.

Suggested alternatives for these adult organizations were: to sponsor junior youth programs, donate volunteer services to the existing recreation program, or sponsor a community service activity. By this means, the present program could be expanded and enriched and the community would derive the direct benefits.

Adoption of these and other recommendations by Collier are under consideration by the Command.

AAUW Plans Tea For Senior Girls

Members of the local chapter of the American Association of University Women are holding a Christmas Holiday Tea from 3 to 5 p.m. on December 22 in the home of Mary Highberg, 507 Essex Circle.

The event is planned to advise senior high school girls who plan to go on to college. College girls who will be home for the holidays are invited to attend.

Public Works Lists New Branch Heads

Two Public Works Department men, employees at NOTS since 1946, were promoted to head two Branches of the department last week.



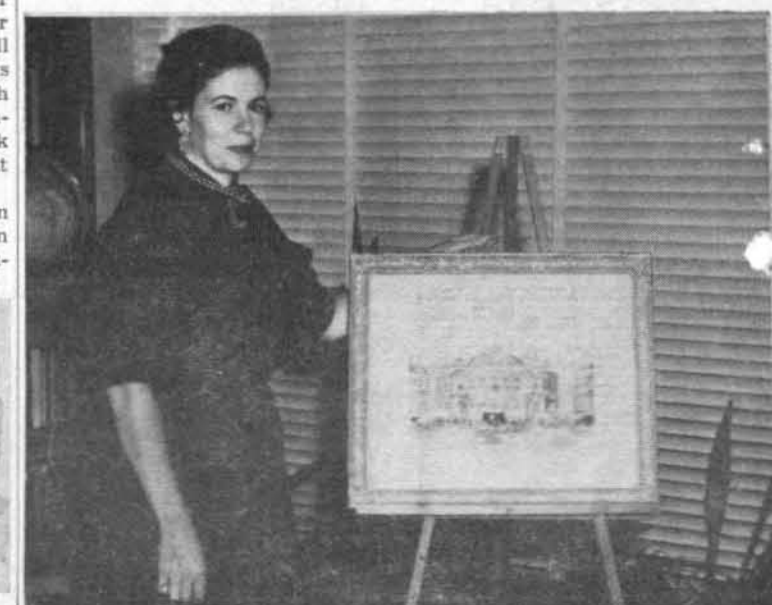
Howard Auld

Howard Auld has been named to head the Planning and Estimating Branch. In his new position, Auld will be responsible for planning a major portion of all Public Works shop effort, much of which is generated by Work Requests from every department on the Station.

He was first employed as an electrician and was promoted in 1950 to the Planning and Estimating Branch.

Gerald Ray has been named to head the Inspection Branch for Service Contracts and Housing Rehabilitation—a long title and a big job. In this position, Ray will administer the renovation of all vacant housing on the Station.

December Artist-of-the-Month



WATERCOLORIST—Maria Peck, wife of NAF's Administrative Officer, LCdr. Scott E. Peck, Jr., and mother of three, has been selected as Artist-of-the-Month by the Desert Art League. On exhibit at the Station Library are nine watercolors, her favorite medium, and two oils. Mrs. Peck, who teaches Spanish at Monroe School, graduated from a convent in Mexico City and continues her art studies with lessons from Pat Cox, award winning local artist.

Station Recreation Program Analyzed By NRA Authority

John J. Collier, Pacific Southwest District Representative of the National Recreation Association, visited China Lake last week in response to the Command's request that he help to establish sound policies for future recreation planning.

The NRA is one of the groups which were included in this year's United Fund campaign for funds. Collier's services are provided to both civilian and military communities in California, Utah, Arizona, Nevada, and Hawaii.

Relating to the recreation program at NOTS, Collier reported he was amazed at the number of clubs and organizations that have been established here.

Outstanding Job

He said that China Lake is doing an outstanding job in providing recreation through these special interest groups.

Undoubtedly, Collier continued, this Station leads most civilian and military communities throughout the country in this kind of program.

He was also impressed with the recreational facilities which are available to all personnel and praised the close working relationship of military and civilian employees.

Some basic principles were pointed out by Collier when asked for recommended guidelines for service charges for use of recreation facilities.

"It is important," he said, "in consideration of the question of fees and service charges to keep in mind (Continued on Page 4)

Improved 'Bullpup' Slated for Fleet Use

Washington (AFPS) — A more deadly version of the air-to-surface tactical guided missile Bullpup is now in production and will soon be operational, the Navy has announced.

Described as "more lethal" than Bullpups now in operation with the fleet, the improved missile has a prepackaged liquid fuel motor, replacing the present solid fuel type. It also has a more powerful warhead and an improved guidance system, the Navy said.

Although the Bullpup has been a relatively inexpensive missile from the beginning, officials said the new version will cost considerably less than earlier models.

The missile is 11 feet long and weighs 871 pounds.

Tenants Reminded to Serve Vacate Notice

According to Station housing regulations, a five-day written notice is required in advance when planning to vacate either family or single Station housing. Forms for this purpose are available at the Housing Office.

If the five-day notice is not given a charge of five days rent will be required.

Wherry residents must give a 30-day advance notice of intent to vacate to the Wherry Office or be responsible for the rent within the notice period unless a new tenant is assigned.

For further information, call the Housing Assignment Section, Ext. 72941.



ROCKETEER

BUDD GOTT, EDITOR PHONES 71354, 72082, 71655 OFFICE, HOUSING BLDG., TOP DECK

U. S. Naval Ordnance Test Station China Lake, California

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Test Department Names Associates To Help Administer Broad Program

Due to the increasing complexity and diversity of the operational and developmental areas of the Test Department, two new positions have been created and became effective on December 7. With the establishment of the two billets, Dr. Ivar E. Highberg, Head of Test Department, will be assisted by an Associate for Development and an Associate for Operations. Selected from Test Department to fill these posts are: Wil-



Willis E. (Bill) Vore Associate for Operations

Following three years in his first position at NOTS, China Lake starting in 1946 as Electronic Engineer with the Exterior Ballistics Branch of Research Department, Willis E. Vore transferred to the Electronics Countermeasures Section of the Instrument Operations Division in Test Department in 1949.

In 1951, he was named Project Engineer for Countermeasures until 1953 when he was appointed as Chairman of the Bureau of Ordnance Evaluation Committees on the Terrier and Sidewinder for the Project Engineering Division.

Since 1957, Vore has been Head of Project Engineering Division. He is a graduate of Wittenberg College, Springfield, Ohio, with a Bachelor's degree in mathematics.

During the first nine months of his tour of duty with the U.S. Navy in 1943, Vore attended Harvard's Pre-Radar School and the MIT Radar School. From 1944 to 1946 he served as Radar Officer on the Staff of ComCruDesPac.



Harley E. Tillitt Associate for Development

Since his first year at NOTS, Pasadena in 1946, Harley E. Tillitt has held positions at NOTS, China Lake as Head of the Research Department Computation Branch for 8 years and two years as Head of the Mathematics Division. In 1957, he transferred to the Test Department to Head the Assessment Division.

Tillitt earned his Bachelor's degree from the University of Redlands and his Master's degree from Claremont College. During the intervening years before coming to NOTS, he has served as physics instructor for the Army's Air Corps Pilot School in Santa Ana, and worked on the Manhattan Project with the University of California Radiation Lab at Berkeley and Oak Ridge from 1942 to 1946.

In 1948, Tillitt represented NOTS at the International Congress on Automation in Madrid, Spain. Last summer, he attended the International Conference on Information Processing held in Paris, France.

R. L. Rockwell Wins Rotary Fellowship For Study Abroad

Robert L. Rockwell, 24-year-old physicist working under the Professional Development Program in the Assessment Division of Test Department, has been awarded a Rotary Foundation Fellowship for International Understanding for study abroad during the 1960-61 academic year where he will continue to study physics in preparation for a career in that field.

Sponsored by Rotary International, a world-wide service club organization, Rockwell was one of 121 outstanding graduate students from 27 countries to receive this honor. Seven of the total are from California.

Resident Since 1956

His father, Floyd E. Rockwell, Maintenance Scheduler in Public Works Department, brought his family to China Lake in January, 1950, from Portsmouth, N.H. Robert started his freshman year at Burroughs High that year and graduated in June, 1953.

During his senior year, he received the Bank of America Award for Mathematics and was Captain of the Burros football team. He received an associate in arts degree in 1955 from Bakersfield College, then returned to NOTS for one year to work in Test Department while he continued his studies through the UCLA Extension Program. He then attended the University of California in Berkeley where he re-

(Continued on Page 4)

VTO Craft Patent Issued VX-5 Exec.

Cdr. Dale Cox, Executive Officer of VX-5, last week received notice that United States Patent No. 2,913,196 has been granted for his vertical take-off personnel carrier. Conceived while Cox was serving aboard the USS Intrepid, the VTO aircraft, the Navy's Jet Stream research program, the craft was designed to provide an emergency landing capability for VTO aircraft, and as well, provide a novel method of stability and control.

The body of the one-man craft, 9 feet long and 4 feet wide, serves as an airfoil. The pilot, standing, achieves stability and control by variance of the center of gravity. It could be, says its inventor, powered by either reciprocating en-

(Continued on Page 4)

Machinists Assn. Elects Next Year's Officers

Officers for 1960 were recently elected by the International Association of Machinists. Re-elected to the presidency was David Perry, as Graydon Newkirk was named vice-president. Serving for their fifth and sixth consecutive terms, respectively, will be Edward Braham, recording secretary, and Julius Jensen, financial secretary.

The new treasurer is Frank Drigger. Conductor is Jacob Markler and Freedy Bowlin was selected as sentinel for his second term. Carroll Frick was elected a trustee to serve for a three-year term. Remaining trustees are Daniel Sweeney, yet to serve one year, and Everett Moberly, two years.



Symbolic of Christmas is the Nativity scene in front of the All-Faith Chapel.



Season's Greetings from your EDITORIAL STAFF...

We Will Be Closed . . .

Marine Exchange:
Closes at 1 p.m. Dec. 24, 31—Closed on Dec. 25, Jan. 1.

Station Library:
Closed Dec. 24-27; Jan. 1-3.

Bank of America:
Closed Dec. 25, Jan. 1. Regular hours otherwise.

Commissary Store:
Dec. 24, 31—Open continuously from 9 a.m.-2 p.m.
Dec. 25, Jan. 1—Closed.
Dec. 29—Closes at 12 noon for inventory, reopens Dec. 30 at 1:30 p.m., remaining open until 6:30 p.m.

Navy Exchange Restaurant:
Open normal hours except:
Dec. 24, 31—Open 6 a.m.-9 p.m.
Dec. 25, 26, Jan. 1—Open 7 a.m.-9 p.m.

Navy Exchange:
Retail Store—Open regular hours except: Dec. 24, 31—Open 9 a.m.-2 p.m.—Closed Dec. 25, 26, Jan. 1.

Toyland:
Dec. 24—Open 9 a.m.-2 p.m.—Closed after Dec. 24.

Service Station and Outdoor Shop:
Dec. 24—Open 8 a.m.-3:30 p.m. Dec. 26, 31, Jan. 1—Open 8 a.m.-4 p.m. Closed Dec. 25.

Golf Course Snack Bar:
Closed Dec. 24, 25, 31—Open Dec. 26, Jan. 1, 8 a.m.-5 p.m.

NAF Snack Bar:
Open 7 a.m.-1 p.m., Dec. 24, 31. Closed Dec. 25, 26, Jan. 1.

Laundry and Dry Cleaners:
Open 9 a.m.-1 p.m., Dec. 24, 31. Closed Dec. 25, 26, Jan. 1.

Barber, Beauty, Cobbler Shops:
Hours same as Retail Store.

Portrait Studio:
Open 9 a.m.-2 p.m., Dec. 24, 31. Closed Dec. 25, 26, Jan. 1.

Credit Union:
Dec. 24, 31—Open 9 a.m.-12:30 p.m.
Closed Dec. 25 and Jan. 1.

Seasonal Chapel Services

Protestant:
Dec. 24, 10 p.m. Christmas Eve Candlelight Service
Dec. 25, 10 a.m. Christmas Holy Communion Service
Dec. 31, 11:30 p.m. New Year's Eve Service (Preceded by a time of fellowship in the East Wing, beginning at 10 p.m.)

Catholic:
Masses
Midnight—Solemn—Ad Primam Missam—In Nocte
7 a.m.—Ad Secundam Missam—In Aurora
8:30 a.m.—Ad Tertiam Missam—In Die Domini Nativitatis
Confessions—December 24
Students: 8-10 a.m.; Adults: 2-4 p.m. and 7-8:30 p.m.
No confessions after 8:30 p.m.
New Year's Day
Masses: 7, 8:30 a.m. and 4:45 p.m.

All Catholics are reminded of the recent change in the time of fasting and abstinence: "The Holy Father has permanently transferred the obligation of fasting and abstinence on the vigil of Christmas from December 24 to December 23." Monsignor J. F. C. Ryan adds that the abstinence referred to is complete for both military and civilian personnel: no meat is permitted in any form.

Hebrew:
Dec. 18.—Chanukka, Festival of Lights, 8:30 p.m.

Beware—Lest You Be One of These

Accidents have causes. You may find in these suggestions what there is about yourself that might cause you to have an accident.

- Do you allow others to distract your attention while driving, or do you keep your eyes and mind carefully on the road ahead?
- Do you reach for packages, light a "smoke," or look up addresses while driving rapidly, or do you slow down to do these things?
- Do you get interested in scenery, billboards, and people on the sidewalks, or have you trained yourself merely to glance at them?
- Do you "day dream" on long runs, or do you avoid thinking of affairs that absorb you?
- Are you careless of parked cars and what may be behind them, or are you alert for whatever may appear suddenly in the road ahead?
- Do you fight off sleepiness when awake for long periods, or do you stop for a refreshing nap?
- Do you drive always at a steady pace, or do you alter speed frequently to help keep you alert?
- Do you like to "settle down," slouch in your driving seat, or are you always ready to meet unexpected emergencies?

Promotional Opportunities

Only persons currently employed on this Station may apply for the following positions, and up-to-date Forms 38 should be submitted when applying.

Mechanic, \$2.83 to \$3.07 p/h, Code 4522. Sets up and operates various machine tools: lathes, boring mills, milling machines, shapers, planers. Performs precision hand and bench work. Overhauls and repairs machinery.

Supervisory Mathematician, GS-13, PD 25513, Code 3565. Incumbent will serve as Head, Analysis Branch, Aircraft Projects Div., AOD, with responsibility for technical and administrative supervision of the Branch.

File applications for above positions with Judy Newman, Personnel Bldg., Room 26, Ext. 72676, by Dec. 28.

Mathematician, GS-11, PD 28402, Code 3063. Rigorous application of the principles of physics and mathematics to the analysis of optical mechanical systems. Selects and proposes the most suitable methods, adopts and applies standard practices and techniques to these optical instruments.

Electronic Technician, GS-9, PD 28552Am, Code 3073. Fabricates, checks out and install telemetry and special recording equipment on high speed test sleds; receive and record telemetered data at the SNORT and B-4 ground stations.

Supv. Mechanical Engineer (Ord.), GS-13, PD 24975, Code 4064. Project engineer for the MORAY feasibility study. Integrates the efforts of various specialists to design and fabricate an advanced ASW weapons system.

Stock Control Clerk, GS-4, PD 14612Am-8, Code 2573. Maintains adequate levels of material to avoid excess stock, disposes of excess, insures the adequacy and accuracy of stock records, makes proper substitutions and establishes stock levels.

Electronic Engineer, GS-9, PD 940025, Code 4035. Engages in the design, development and testing of various advance weapons in the Fuze Branch.

Welder, \$2.83 to \$3.07 p/h, Code 4011. Engages in the modification, assembly and installation of various weapons in the Experimental Model Shop.

General Engineer, GS-11, PD 90001, Code 3071. Engages in the planning, evaluation and reporting of tests on supersonic tracks; coordinates the efforts of the contractor or customer with the test and support groups on the Station.

File applications for above positions with Pot Dettling, Personnel Bldg., Room 34, Ext. 72032, by Dec. 28.

Planner & Estimator (R&A/C Mech), \$3.54 to \$3.84 p/h, Code 7081. Must have previously been in the rate or presently on the PEE (R&A/C) Register.

Head Model Maker (Mech), Code 5051. Supervision of the Model Shop and performance of Model Making and Mechanical duties.

Clerk-Stenographer, GS-4, PD 950012-1, Code 5010. Performs stenographic duties and types NAVJORD reports.

Ordinanceman (A&E Test), Code 5052. Responsible for the receipt, inspection, desensitization and storage of propellant and explosive components.

Electronic Engineer (Instr.), GS-12, PD 950010, Code 5562. Design and development of Missile Test Equipment including some radar equipment.

File applications for above positions with Pot Gault, Personnel Bldg., Room 31, Ext. 71648, by Nov. 28.

Navy Wives Club Installs Officers

Recent candlelight ceremonies were held to install officers of the Navy Wives Club No. 125 for the next six-month term. Chaplain Robert "Q" Jones served as installing officer.

Retiring president Arlene Liggett presented Louise Curtis, the retiring sponsor, with a gift in appreciation of her help to the Club.

Upon accepting the gavel of the presidency, Shirley Fossum, introduced Rebe Mitchell, wife of Cdr. S. W. Mitchell, Head, Command Administration Department, as the new sponsor.

In addition to Mrs. Fossum, other officers of the Navy Wives Club are: Eleanor Martin, vice-president; Marvel Dowling, treasurer; Betty Fenstermacher, parliamentarian; Cathy Cohee, recording secretary; Eileen Rivers, corresponding secretary, and Gladys Perry, chaplain.

The Club has announced that they will honor the first baby born here in 1960 to a NOTS service family with a \$25 Savings Bond.

Three Sewing Classes To Begin January 4

Evening classes in beginning, intermediate and advanced sewing will begin Jan. 4.

Class schedule will be: Advanced Sewing—Monday, 7-10 p.m.; Intermediate Sewing—Tuesday, 7-10 p.m.; Beginning Sewing—Wednesday, 7-10 p.m.

What's Doing IN RECREATION

By Jean Cone, Recreation Director

Tomorrow, Saturday the 19th, will be the Annual Christmas Party for all children under 12 years old who have Theatre privileges. It will begin at 2 p.m. at the Station Theatre.

There will be singing, cartoons, and some special entertainment by Nolly the Clown. Also, I understand that Santa has heard about this party and is planning on seeing his young friends at China Lake during the afternoon.

NOTS Hobby Shop
Every day from now until Christmas the Hobby Shop will be open from 1-5 and 6-10 p.m. The hours have been extended in order that everyone may have an opportunity to finish that special Christmas project. This includes the woodworking shop, model building, and leathercraft areas.

This is also a wonderful opportunity for you to get acquainted with these facilities. All Station residents with Navy Exchange privileges are eligible for Hobby Shop membership and are particularly invited to visit this facility during the holiday season. The NOTS Hobby Shop is located in the same building as the Greyhound Bus depot.

Untied Nots Decorating Party
At 7 p.m. on December 30th, the Untied Nots will hold a decorating party at the Community Center. Chairman, Ed Bernard, urges all members to join in this service project. The decorations are for the adult New Years Eve dance. All single personnel 21 and over are invited to come as they are all eligible for Untied Nots membership.

New Years Eve
Hope you'll join us to greet the New Year at the Community Center on December 31. Dancing will begin at 9 p.m., showtime is 10 p.m. You're sure to have fun with music by the "Continents" and entertainment by Dick Reeves and Bill and Doree Post. Breakfast will be served if enough paid reservations are made by December 29.

Ann Setz will help you with table reservations for the evening if there are 8 or more in your party. All military and civilian personnel 21 and over are invited. Prices are \$1 for men; women admitted free of charge. Coat and tie will be required for men.

Cactus Squares Party
Saturday night, Dec. 19, at 8 p.m. in the Recreation Hut, the Cactus Squares will hold their annual Christmas Party.

Men are to bring gifts for men and women, gifts for women, not to exceed \$1. Also bring along your favorite Christmas dish for the potluck. Supper will be served following the dancing.

RAFT Club
Tonight is the big dance of the month for RAFT members—it's "Christmas Dance" time to the music of the "Boys from Teahachapi." Semi-formal in dress, the evening will be check-full of holiday spirit. Be sure to bring a small gag gift, suitable for either a guy or a gal to put in the grab bag.

The Club will be open during all the regular hours throughout the next two weeks. However, we will be closed on Christmas and New Year's Day. New Year's Eve will be open house for all members and their guests, but we'll close at 10 p.m. as usual.

St. Nick Visits Today
Santa Claus will visit Toyland today from 3:30-5 p.m.

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SUN.-MON. DEC. 28
"THE ROOKIE" (88 Min.)
Noonan & Marshall, Julie Newmar
SHORTS: "Hide and Go Sidney" (7 Min.)
"Wonderful Gibraltar" (17 Min.)

TUES.-WED. DEC. 29-30
★ "IT HAPPENED IN ROME" (96 Min.)
June Laverick, Vitarlo Desica
SHORTS: "Two Little Indians" (7 Min.)
"Assignment Argentina" (10 Min.)

THURS.-FRI. DEC. 31-JAN. 1
★ "SAMSON AND DELILAH" (127 Min.)
Victor Mature, Hedy Lamar

SAT. JAN. 2
MATINEE (1 p.m.)
★ "ALADDIN AND HIS LAMP" (66 Min.)
Johnny Sands
SHORTS: "Milky Way" (7 Min.)
"Lost Planet" No. 6 (16 Min.)

EVENING
★ "ATOMIC SUBMARINE" (72 Min.)
Arthur Franz, Dick Fagan
SHORTS: "Blue Water Sports" (10 Min.)
"Loove Lost" (16 Min.)

SUN.-MON. JAN. 3-4
★ "ODDS AGAINST TOMORROW" (95 Min.)
Harry Belafonte, Robert Ryan, Shelly Winters
SHORTS: "Wolf Hounded" (7 Min.)
"Recordo With 101st Airborne" (10 Min.)

Sport Slants

By Chuck Mangold, Athletic Director

The intramural sports program is taking a two-week vacation. The bowling alleys will be available for open bowling from December 18 to January 4.

The gym will be open Monday, Tuesday, and Thursday nights from 6-8:30 p.m. for intramural basketball practice. The Station swimming pool will be open to the public Friday nights from 6-8:30 p.m. and on Saturdays and Sundays from 1-6 p.m.

Dennis Troxel SN, from VX-5, was selected the most valuable player in our United Fund football game played Thanksgiving Day. Dennis received a radio through the courtesy of ACE TV in Ridgecrest.

I would like to take this opportunity to wish all of you a very Merry Christmas and a Happy New Year and to thank you for the wonderful cooperation I have received the past year.

Unclaimed Tickets
Lucky ticket holders who have not picked up their prizes from the United Fund football game include the following numbers: 911, 1282, 1391, 1970, 994, 1892, 25, 1098, 290, 2381. Prizes may be picked up at the Special Services Office, top deck of the Housing Building.

Boxing
All military personnel interested in taking boxing lessons are invited to participate in these sessions given free of charge by Bernie Locker each week day from 4:30-6:30 p.m. at the Station Gym.

Housing Assigned Oct.-Dec.

Employees frequently inquire at the Housing Office about their chances of being housed within the assignment period. The following recap of houses assigned from October 1 to December 1 is published to show the grade level and length of service required to be reached during a period. This information should assist employees in determining their possibilities of housing assignments.

Bdr.	Type	No.	Asgn.	Assignees Reached	Hiral Date
3	Wasp Duplex	0			
3	Hill Duplex	1	GS-14 Gen. Engr.		8-27-51
2	Hill Duplex	0			
3	Old Duplex	2	GS-13 Chemist		2-16-53
2	Old Duplex	13	GS-9 Gen. Engr.		1-6-58
2	Old Duplex	5	GS-12 Supv. Gen. Engr.		6-9-52
1	Old Duplex	0			
2	Normac Duplex	1	GS-13 Aero. Engr.		5-26-52
2	Normac Duplex	0			
3	Normac	1	Stockman		7-23-45
2	Normac	13	Helper Gen.		3-21-51
1	Normac	5	Meat Cutter		4-7-55
3	Hawthorne	2	Mach. Exper.		6-1-48
2	Hawthorne	6	Ordinanceman		1-5-51
1	Hawthorne	10	Pipefitter		7-1-57
1	Motel Apt.	2	GS-12 Aero. Engr.		2-13-52
0	Motel Apt.	5	GS-11 Supv. Mo. Pic. Proj.		2-24-59
3	Old Apartment	0			
2	Old Apartment	4			
1	Old Apartment	4	Mach. Exper.		3-12-56
3	Old Apartment	5	GS-9 Mech. Engr.		5-1-59
2	Card St. Apt.	2	Ordinanceman		12-5-49
	Trailer Space (under 40')	1	Warehouseman		4-14-56

8 Ways to Ruin a Good Christmas



Fire hazards most likely to be seen in the home during the holiday season are illustrated above. Avoid them to ensure a Merry and Safe Christmas.

1. Don't leave smoldering cigarettes carelessly about the house.
2. Keep tree lights away from combustible gift wrappings and floor.
3. Set tree in water container to keep moist and prevent shedding.
4. Place tree a safe distance from drapes, curtains, or hot spots.
5. Never use candles for tree lights. Use UL approved light sets.
6. Replace frayed wires, broken sockets, or loose connections.
7. Don't overload wiring circuits. Keep spirit-fueled toys away from tree.
8. Use flameproof tree decorations. Turn off tree lights when you leave the house. Be prepared for an emergency in case of fire.

But if you have a fire, in spite of all precautions taken, call the Fire Department, Ext. 71333.

News From Pasadena



CHRISTMAS CHOIR—Pasadena's strolling carolers practice for the holiday season. Tenors are still badly needed and are urged to join the group. Call Nadine Robinson, Ext. 161, today. At practice session above (front row, 1-2) are: Director Merton Welch, Mary Chaconas, Elizabeth Farina, Dorothy Daybell, Nadine Robinson, Bea A'Hearn, Libby Toth, and Hans Gutierrez. Back row: Orrin Albert, Glenn Bowlus, Sue Burg, Mabel Mann, Elizabeth Koers, chairman J. H. Jennison, John Gannon, and Gerald Mosteller. Employees will be advised by a Notice of the times and places where the carolers will sing.

Tour At NOTS Ends Search Is On for Representative In 1960 Miss Federal Employee Contest



Lt. Thomas E. Groves, Operations Officer at NOTS Pasadena for the past two years, leaves on Monday. He will go on two weeks leave before reporting as Executive Officer of the USS Perkins (DDR-877). His relief will be Lt. James D. Schnepp.

NOTS Pasadena is looking for an outstanding female employee to be its nomination in the 1960 Miss Federal Employee Contest. Departments, divisions, and branches should submit their nominations by December 23 to Code P2503 for consideration of the Selection Committee composed of Lt. R. J. Jackson, M. Van Reed, and Bernard Silver.

All women employees are eligible, not secretaries only as in previous years, and it is not necessary that nominees have received an official outstanding award. When submitting nominees, the following information should be included:
Nominee's name and address; job title, grade, and employing installation; and a brief statement concerning the basis for the nomination such as quality and quantity of production, originality, responsibility, special services rendered during the past year, special recognitions earned, unusual efforts at self-development, professional attainments, community service, etc.

The person selected as the NOTS Pasadena nominee will then participate in a contest sponsored by the Greater Los Angeles Area Council of the National Federation of Federal Employees. Suitable recognition will be given to the winner and other finalists at a Recognition Luncheon on January 27, 1960. The final selection will be made by a committee of prominent persons prior to the recognition luncheon.

Remember The 23rd
Remember the date, December 23, for the ESO-sponsored all-hands Christmas party to be held 5-7 p.m., at 250 W. Foothill, Arcadia.

Wed. Noon Program
The noon-time entertainment program on December 23, in Building 7, will be a movie entitled "Voilà La France," or "Here's France."

Fishhook Makes News
A story on the NOTS Fishhook facility appears in the November 23 issue of Design News.

Hoopsters Drop Game
Pasadena hoopsters dropped their game on December 8 to Spanjian Sportswear 60-34. With so many NOTS players attending night classes, reports Manager Norm McDonald, they're having a rough time getting enough fellows on game nights. Norm would like to hear from anyone interested in playing with the team.

Chest Drive Report
Community Chest fund drive contributions, according to Treasurer Randy Walker, amount to a total of \$2,603.33, representing 350 donations or 49.4% participation. Of the total contributions, \$2,312.68 is in cash with the balance of \$291.25 in pledges.

Personnel Statistics
New Employees
Robert D. Livengood, Clerk-Typist, in Administration Building, Mail Room.
Promotions
P256—Betty J. Silver from Procurement Clerk, GS-4, to Purchasing Agent, GS-5; Elyane W. Colson from Contract Specialist (Negotiation), GS-7, to Procurement Agent, GS-9; and Dorothy I. Warren from Contract Specialist, GS-6, to Procurement Assistant, GS-7.

P308—Dorothy A. Daybell from Mathematician, GS-9 to GS-11.
P7523—March T. Schlick from Motion Picture Editor, GS-7, to Motion Picture Script Writer, GS-9.
P804—Jack A. Livzey from Electronic Scientist (Electro-Acoustics), GS-9 to GS-11.

Branch Head Selected
Kenneth E. Smith has been selected to head the Torpedo Design Branch of UOD's Torpedo Development Division, succeeding John Mulkeren who recently left the Station.
Smith has been with NOTS Pasadena since December, 1956, when he reported aboard as Public Works Officer. On release from active duty a year later, he stayed on to accept a position of mechanical engineer with the Torpedo Design Branch.

A graduate of the University of California at Berkeley, he holds a B.S. degree in Mechanical Engineering.
After school, he worked for Marquardt Aircraft in Van Nuys, then for Radioplane, and of Van Nuys, until called to active duty in 1955.
Prior to coming to NOTS, he was stationed at Yokohama, Japan, where he was Assistant Public Works Officer at the Naval Communications Facility.
He and his wife, Florence, have two girls, ages 2½ and 1. They make their home in Arcadia.

Merry Christmas