



AQUATIC SPECTACULAR—The Aqua-Nots drew a capacity audience for each of their water ballet performances last weekend at the CPO Club. Participants in the Hawaiian "Legend of the Fire Goddess" show were: (front) Fern Wacker, Kay Beresford, and Lynn Campbell. Standing: Marie Newman, Marilyn Ball, Bettie Wright, Juliane Prukner, and Mimi Bass. Bill Tom (not shown) was the only male in the cast. Assisting producer Mary Bischoff were: Doris Zachary—decorations; Henry Dubbin and Ron Schoss—sound effects; Bob Watson, Mike Reale, and Phyllis Haig—divers; Perry Stone—narrator; and Valerie Seeger—technician; Chiefs G. M. Phillips and C. D. Hulin—lighting.

High School Pupil Registration Begins

Registration of high school students new to the area will begin next Monday at 9 a.m. in the Burroughs School library. Nearly all the incoming Freshmen registered at their local elementary schools last Spring by the high school counselors. Students who missed registration should also report for enrollment at this time.

Schedule changes made necessary due to summer school credits earned, may report to the library at 9 a.m. on August 29.

Schedules a 'Must'

School starts September 5 and students may pick up their program schedules at the following locations beginning at 7:30 a.m.:

Freshmen—Attendance Office Windows

Sophomores—West end Bldg. D

Juniors—South end Ad Bldg.

Seniors—East end Bldg. C

It is necessary for students to have their schedules since this will be their means of admittance to classes.

Teachers will assist in distribution of schedules and the first period will start at 8:15 a.m. Students who have enrolled for early morning classes will pick up their schedules at 7:30 and report immediately to class.

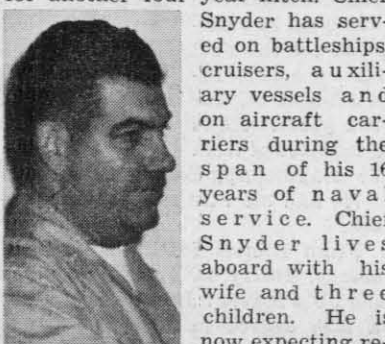


NEW NAF PILOT—Lt. Anthony L. Tambini II has reported to the Naval Air Facility from Attack Squadron 153 which is scheduled to move from Moffett Field to LeMore. Prior to duty with Squadron 153, Lt. Tambini was assigned to Attack Squadron 56, NAS, Miramar. He was a member of the Squadron's team which won the Fourth Naval Air Weapons Meet at Yuma, Ariz. The Squadron Commander was Cdr. Ralph L. Walker, who is now Projects Officer at NAF. NOTS is not strange to Lt. Tambini, he was here for Joff bombing training on Charlie Range in 1959. He has the highest of praise for Duane Mack and his boys who operate Charlie Range.

Crew's News

By B. C. Sipin, FN1

Congratulations to Ernest L. Snyder, CSCA, who just reenlisted for another four year hitch. Chief Snyder has served on battleships, cruisers, a auxiliary vessels and on aircraft carriers during the span of his 16 years of naval service. Chief Snyder lives aboard with his wife and three children. He is now expecting reassignment to sea after expiration of his reenlistment leave.



Chief Snyder

Welcome aboard to William E. Brassell, MM1, from duty on board the USS Fechteler homeported in the Long Beach area; also Clifton Grabill, CSS, from the USS Calvert where he spent his sea tour since June 1957.

Bomb disposal finally got another diver to replenish the much needed help for Chiefs Boden and Schriver. . . . Edgar G. Collier, MN2(DV) reported from EOD Unit One, Pearl Harbor, Hawaii. Personnel acquired Charles L. Majors, PNSN, from the USS Arikara as exchange for Steve Johnson, PNSN, who is taking over the JOD Messengers' job.

It's 'so long' to Harold W. McDaniel, HM3, from the Medical Department, released to inactive duty in the Naval Reserve. McDaniel is tentatively enrolled at Bakersfield College to study Veterinary Science. A native of Bakersfield, Harold also intends to work while attending college and expects to pay a visit once in a while.

Another aspirant for a college education is Carl H. Avery, DT3, from the Dental Division, also released to inactive duty and intends to attend UCLA College of Dentistry.

Good Luck to our representatives in the 11th Naval District Softball tournament. This participation reflects pride and prestige for the NOTS Athletic programs as well as the command.

School Physicals Set For Military Dependents

Preschool physical examinations for military dependents will be conducted at the Station Hospital next Thursday, August 31, at 9:30 a.m.

A physical is required for children entering kindergarten, high school, and also for those students entering local schools for the first time.

Change of Command Slated for VX-5 Sept. 6

Change of Command ceremonies for Air Development Squadron Five have been set for Wednesday, September 6. Cdr. William A. Schroeder will officially relieve Capt. Karl S. Van Meter, who has been Commanding Officer of the Squadron since September 14, 1959.

Prior to receiving orders to VX-5, Cdr. Schroeder was Air Boss aboard the USS Bon Homme Richard, and more recently attended the Naval Postgraduate School at Monterey.

Upon being relieved, Capt. Van Meter will report for duty at the Pacific Missile Range.

Change of Command ceremonies will commence at 9 a.m. in Hangar 1 at NAF. The Squadron extends an invitation to all officers and Station residents who wish to attend.

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Beneficial Suggestion Program Strengthened

The first major changes in the six-year-old Government-wide employee suggestion program to provide a liberalized scale of cash awards, a new minimum cash award of \$15, and a greater emphasis on higher quality suggestions became effective July 1, according to a release from the U. S. Civil Service Commission.

Federal employees can now qualify for higher cash awards for higher-value suggestions and, at the same time, low-value suggestions promising less than \$50 in measurable benefits will not be eligible for cash awards.

The new award scale permits employees to receive cash awards of as much as 5 percent of measurable benefits up to a ceiling of \$10,000 in benefits, instead of the lower sliding scale previously authorized.

When the measurable benefits exceed \$10,000, the percentage used to determine the award reduces on a sliding scale.

However, employees still may receive individual awards up to \$5,000 without prior CSC approval and up to \$25,000 with prior CSC approval for exceptional contributions of great tangible or intangible value.

As in the past, an employee suggestion that does not merit a cash award under the new program may be recognized by a certificate, letter of appreciation, or other appropriate means.

Addressing members of the Federal Incentive Awards Association in Washington, D. C., Chairman Macy of the U.S. CSC said that "the best employee suggestions in Government have not yet been adopted — in fact, they haven't even been put into writing."

As a means of strengthening and improving the suggestion program, he offered the following guides:

• Bear in mind that ultimate success of the suggestion program is measured in demonstrated improvements in efficiency and economy of operations — not in the number of suggestions made.

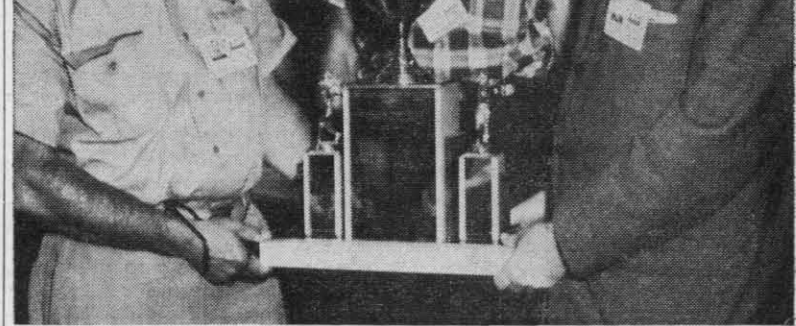
• Increase supervisory support of the program through encouragement of employee participation. Lack of meaningful supervisor participation is the "weak link in the program chain."

Inspection of agency personnel operations showed that program support by first-line supervisors was most lacking.

• Encourage employees to "think out the whys and wherefores" in making suggestions.

• Match benefits with recognition.

Macy said the response to the President's call upon the Federal service for "greater creativity, for bold and imaginative performance, for innovation" must come from career people at all levels, and he cited the incentive awards system as providing a ready mechanism for gaining the benefits of employee ingenuity and extra on-job efforts to meet many challenges facing the Government.



GIANTS WIN TROPHY—Station Commander Capt. Charles Blennman Jr. presents the John Roberts Memorial Trophy to the China Lake Little League Giant's manager Joe Seibold and James Bartling, Head of the Propulsion Development Department which sponsored this year's winners. The trophy is awarded annually to the "A" League team which in the opinion of the Mojave Desert Officials Assoc. has demonstrated the highest degree of sportsmanship during the season.

Aug. 28 English Classification Test, 7 p.m.

Aug. 29 School and College Aptitude Test, 7 p.m.

Aug. 29 Reading Test, 8:30 p.m.

These three tests are required of all students who are candidates for graduation from BJC. This includes apprentices who are in their first and second year of work, if they are candidates for the A.A. Degree.

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To tell a falsehood is like the cut of a sabre; for though the wound may heal, the scar of it will remain. —Saadi.

ROCKETEER

Budd Gott, Editor

Office, Housing Bldg., Top Deck

Phones 7-1354, 7-2082, 7-1655

Vol. XVII, No. 34

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

Friday, August 25, 1961

TEMPERATURES Max. Min. Aug. 18...103 69 Aug. 19... 95 69 Aug. 20...102 73 Aug. 21...104 79 Aug. 22... 93 70 Aug. 23... 98 78

Fact Sheet Discloses Status Of Polaris Missile System

According to the Weapon System Fact Sheet released by the Department of Defense, the Navy's fleet ballistic missile program has been accelerated, thus providing a realistic tactical war deterrent on a larger scale. Four Polaris-firing submarines are now fully operational and another will join them on patrol by the end of 1961.

Each FBM submarine carries sixteen missiles, bringing the total missiles at sea to eighty.

In President Kennedy's State of the Union message to Congress made earlier this year, it was indicated that he had directed prompt action to step up our Polaris submarine program to produce "a fleet that will never attack first, but possess sufficient powers of retaliation, concealed beneath the seas, to discourage any aggressor from launching an attack on our security."

A Major Step-up

Since that message was delivered, the USS Robert E. Lee and the USS Theodore Roosevelt have joined the USS George Washington and the USS Patrick Henry in obscure waters; their locations unknown to any potential enemy. Two other Polaris subs, the USS Abraham Lincoln and the USS Ethan Allen have been commissioned.

To bring the shipbuilding statistics up-to-date, nineteen FBM subs have been authorized and ten more requested by the President for fiscal year 1962. Besides the missile itself, the fleet ballistic missile weapon system includes nuclear powered missile launching submarines, support facilities, and personnel.

Top Management

The Polaris weapon system development is managed for the Navy by Vice Admiral William F. Raborn, Jr., Director of the Special Projects Office of the Naval Weapons Command.

Target selection and assignments for operational FBM subs are made under the control of the Joint Chiefs of Staff, along with assignments to other parts of the Nation's strategic retaliatory force.

The Special Projects Office continues to manage the research and development programs for longer range versions of Polaris missiles, advanced version of Polaris-firing subs and its associated equipment.

Three Classes Named

The FBM subs are designed in three classes:

• The Geo. Washington class is 410 feet long and has a 6,900 ton displacement; and

• The LaFayette class which will be 425 feet long and displace some 7,000 tons. The ten subs recently authorized for construction will be patterned from this improved class.

All three classes are driven by steam turbines powered by water-cooled nuclear reactors and have a 300 ton capacity air-conditioning plant. Electrolytic oxygen generators permit the subs to manufacture their own oxygen from sea water.

The radio communication system has been devised with special care to protect the sub's location and leave the advantage of concealment unimpaired.

Exact Training

Some of the most intricate skills in the Navy are required of FBM submarine crews. Each sub has two crews which alternate patrols, with the off-duty crew employed in training ashore at specially designed team training simulators.

The average pre-commissioning training period for FBM personnel is about eight to twelve months. The Navy conducts its own training facilities in transistor theory, digital computing theory, Boolean logic, and electronic circuitry. They then get an intensive and extensive equipment training course. Maintenance instruction culminates in a course devoted to the functioning of the entire weapon system.

Strategically Based

The first submarine squadron has been based in the Holy Loch at Scotland. Last month it was revealed by SecNav Connally that the Navy has selected Pearl Harbor as the home port for Polaris submarines of the Pacific Fleet which will include a missile assembly center and a training facility for FBM crews.

It was further announced that the Pearl Harbor shipyard will be used for overhauling Polaris subs. A second Pacific overhaul yard will be established at Puget Sound in Washington.

To quote the St. Albans, Vt. Messenger, "The more subs we have on actual patrol, the more unlikely Krushchev and Co. will be to push any war buttons."

ACCEPTS POLARIS AWARD—Vice Admiral W. F. Raborn, Director of the Special Projects Office within the Bureau of Naval Weapons, accepts a citation from President Kennedy, acknowledging his contribution to the effective coordination of the Polaris Fleet Ballistic Missile Program. Adm. Raborn later presented merit awards to the Commander of the U. S. Naval Ordnance Laboratory in Silver Spring, Maryland, and to the Director of the Naval Research Laboratory in Washington, D.C. The awards recognized the efforts of many employees on the FBM scientific program at each of the laboratories.

UCLA Registration For Fall Semester Begins September 5

Registration for the Fall semester of the UCLA Graduate and Extension Program at China Lake will be conducted September 5-15 in the Education Office, Room 1004, Mich. Lab. each working day from 9 a.m. to 1 p.m. Classes are scheduled to begin the week of Sept. 11; exceptions are noted below.

Enrollment fees are payable at the time of registration, but each Station employee who successfully completes a technical or administrative course will be eligible for a tuition refund at the conclusion of the semester.

A "Tuition Refund Certification and Training Agreement" form, dated prior to the first meeting of the course, must be presented at the time of registration.

Except for "Business Administration 190," all classes will be held in Mich. Lab. Students who do not have access to the Lab are urged to register by September 7, in order that arrangements may be made for classroom admittance.

The titles, meeting days, units of credit, fees, and instructors for the Fall semester courses are listed below:

Business Administration 190, Organization and Management Theory, 3 units, \$40; Tues., 7:30-10 p.m.; begins Sept. 19. Instructor: McDonald P. Benjamin.

Chemistry 164ABC, High Polymer Chemistry, 3 units, \$45; Tues., Thurs., 4:30-6 p.m.; Instructor: Martin H. Kaufman.

Engineering 103A, Elementary Fluid Mechanics, 3 units, \$45; Tues., Thurs., 6:30-8 p.m.; Instructor: Roy W. Van Aken.

Engineering 117B, Applied Electromagnetic Theory, 3 units, \$45; Mon., Wed., 4:30-6 p.m.; Instructor: Robert G. S. Sewell.

Engineering 160A, Introduction to Mechanical Vibrations, 3 units, \$45; Tues., Thurs., 6:30-8 p.m.; Instructor: William J. Werback.

Engineering 193, Impulsive Loads—Elements and Applications, 3 units, \$45; Tues., Thurs., 4:30-6 p.m.; Instructor: John Pearson.

Engineering 281A, Analytical Methods of Engineering, 3 units, \$45; Mon., Wed., 6:30-8 p.m.; Instructor: Julius Slekmann.

Engineering 299, Research in Engineering, 1 unit, \$20; Instructor, time and place to be arranged.

Geology 108, Optical Mineralogy and Petrography, 3 units, \$45; Tues., Thurs., 6:30-8 p.m.; Instructor: Roland Van Huen.

Mathematics 110A, Advanced Engineering Mathematics, 2 units, \$35; Tues., Thurs., 4:30-5:30 p.m.; Instructor: Neell Strand.

Mathematics 136, Numerical Methods in Algebraic Problems, 3 units, \$45; Tues., Thurs., 6:30-8 p.m.; Instructor: Albin A. Folt.

Oceanography 100ABC, Introduction to Oceanography, 3 units, \$45; Mon., 6:30-9 p.m.; Instructor: Pat Wennekens; begins September 18.

Physics 114A, Mechanics of Wave Motion and Sound, 3 units, \$45; Tues., Thurs., 4:30-6 p.m.; Instructor: Gilbert J. Plain.

Physics 408ABC, Geometrical Optics, 3 units, \$40; Mon., Wed., 4:30-6 p.m.; Instructor: Meyer Silver.

Psychology 400ABC, Interviewing and counseling Techniques, 3 units, \$40; Thurs., 7:30 p.m.; Instructor: Thomas W. Milburn.

Also planned for inclusion in the fall semester program are courses in methods of teaching arithmetic, adolescent psychology, and real estate finance. The schedule for these courses will be announced at a later date. For further information, call Ext. 7-1759.

Saturday Noon Is Deadline for Hams

Amateur radio operators within jurisdiction of the base who have not registered with the Amateur Radio Club by noon this Saturday will not be allowed to operate a transmitter on the Station.

Navy regulations require that the list be forwarded to the proper authorities by noon Saturday. Registrations for stragglers will be conducted at the Amateur Radio Clubhouse adjacent to the Hobby Shop until noon.

President Seeks RAdmiralty For Former NOTS Officer

Capt. Levering Smith, former Associate Technical Director at NOTS, 1951-54, has been nominated by President Kennedy for the rank of Rear Admiral. The nomination is now before the Senate for its approval. It will be a "spot" promotion for the 51-year-old Captain who is assigned to BuWeps Special Projects Office on the Polaris program.

He was assigned to NOTS in September, 1947, as deputy head of the Explosives Department, later becoming head of the then Rockets and Explosives Department. In November 1951 he was named Associate Technical Director and served in that capacity until May 1954 when he left for duty as Commanding Officer of the Naval Ordnance Test Facility at White Sands Proving Grounds, Las Cruces, N.M.

Received Thompson Award

In November 1957, Capt. Smith received the Station's highest recognition for individual achievement, the L.T.E. Thompson Award, for his insight and the establishment of a vigorous program of research during his tenure as Associate Technical Director here.

He was specifically cited for coordinating the civilian-military team effort which resulted in development of the 2.75-inch aircraft rocket.

The Joplin, Missouri born nominee received his early education in Escondido, Calif., and Grafton, Ill., and graduated from the Naval Academy in 1932. Designated an ordnance engineering-duty-only officer, Capt. Smith is presently serving as technical director of the Polaris project.

His special qualifications were called to the attention of the President by Secretary of the Navy John B. Connally. In his nomination of the senior LDO the president asked the Secretary of the Navy to work out a better system for seeing that Navy officers of special talents are not overlooked for promotion.

Praised by Raborn

Vice Admiral William F. Raborn, Jr., Director of BuWeps Special Projects Office, who has spearheaded the Polaris program, has remarked that Capt. Levering Smith has one of the best engineering minds in the Navy.

President Kennedy's request that officers of special talent not be overlooked for promotion recalls President Eisenhower's and Congress' intervention when Rickover, father of the nuclear sub, was passed over for rear admiral. Later he was promoted to the two-star rank and eventually to vice admiral.

Vets Urged to Plan Education Program

Students who wish to attend school this Fall under either federal or state educational assistance programs for veterans or dependents may avail themselves of material on hand in the local Veterans Service Office. If specific counseling is necessary, they will be referred to a representative of the State Department of Veterans Affairs or Federal Veterans Administration.

Eligibles are defined as: a Korea veteran, a war orphan, surviving spouse of a deceased veteran, or the child of a totally disabled veteran. An early start on Fall applications is important, so that all legal provisions, including eligibility of the applicant and suitability of his desired course, can be determined in sufficient time.

State "Cal-Vet" educational assistance has been extended to include dependents of servicemen who died or were totally disabled as a result of any peacetime military service since September 16, 1940.

State assistance is intended to supplement federal educational programs and may not be used at the same time. For further information, contact the Veterans Service Office at 236 W. Ridgecrest Blvd., Ext. 8-3231.

CSC Revises Gov't. Standard Form 57

The Civil Service Commission has informed Federal agencies that the Government's job application form (Standard Form 57), has been revised. The new form is the product of interagency consultation carried out by a special CSC inter-bureau committee, and reflects individual consideration of employee suggestions received since the last revision in May 1954.

Social Security number, Exam Announcement number, and the major field of study (education) are new items which have been added. Availability information has been expanded to indicate desirability for less than full-time employment. Questions relating to military service, veteran preference, discharges from employment, and arrests, have been simplified and clarified.

As a result of employee suggestions which were adopted in revising the form, the Commission has recommended that a number of cash awards be made. Many suggestions were essentially the same and related to the same items. In such cases, the one with the earliest date has been recognized for award purposes.

All agencies have been urged to exhaust their existing supplies of Form 57 before using the new revision.



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What's Doing IN RECREATION

From the Special Services Office

The Cactus Squares will hold their final dance of the summer season at the Sandquist Spa tomorrow at 8 p.m. Newly elected club caller, Ivan Hall, will do the honors. Members are urged to bring their families for a picnic prior to the dance.

The Antelope Valley Fair and Alfalfa Festival will open its gates at 9 a.m. next Thursday for a five-day run. Opening day will be dedicated to youngsters 12 and under (free admission), and the County's Senior Citizens Clubs. The first annual "Senior Citizens Jamboree" will be staged at 1:30 p.m.

Other events scheduled are a watermelon-eating contest and the Rival Olympics which features hepped-up tractor races, three-hour relay, and the farmer's handicap between a fast tractor and a horse. This sounds like fun for everyone!

Kegler's Klub
Now that summer activities are waning, thoughts shift in high gear to the bowling season. The China Lake Woman's Bowling League will meet next Wednesday at 8 p.m. in the Community Center to firm up their plans and register teams. You don't have to be a seasoned bowler to join the league, all that's required is an avid interest in the sport. All interested ladies invited!

Navy Wives Club
The last Wednesday of each month is set aside to greet newly arrived Navy wives. Club members meet at the Club House at 83

CL Elementary School Zones Set For Class Resumption September 5

Elementary school district zoning areas have been outlined by local school officials and parents are reminded that these are subject to change after school starts if class loads indicate the necessity.

Children new to the district who have not yet registered must do so at the Murray School office before assignments can be made. The office hours are 7:30 a.m. to 4:30 p.m. Monday through Friday, except during the 11:30 lunch hour.

Class lists will be posted on classroom doors on Tuesday, September 5, based on registration of pupils new to the district and those in attendance at China Lake schools last year. Class and transportation schedules will be published before school opens.

Kindergarten
Parents of kindergarten children will be notified as to which school their children are to attend and the time they will be expected the first day. The first day session of kindergarten will be organized so that a small group of mothers and children may go to school for a one-hour period. Classes will be in regular session the following day. Kindergarten children must be registered before August 25 to insure placement.

Because of the difficulty of visualizing word descriptions of zone lines, it is suggested that parents use the map on the back cover of the Station telephone directory as a reference in determining the grade level zone for each child in the family.

First Grade Zones
Richmond School first grade zone includes all the area to the north of Halsey and Bowen Ave. Also included in the Richmond zone are the Desert Park houses on Cisco St. numbered from 300 through 343, and 112 and 115 Sandora St.

Vieweg School first grade zone includes the area enclosed by a line drawn from the corner of Knox Road and Halsey, going east to Richmond Road, south on Richmond Road to Santee, west on Santee to Lauritsen, north on Lauritsen to Renshaw, west on Renshaw to Smith Road, north on Smith Road to Farragut, east on Farragut to Independence, northwest on Independence to Dewey, west on Dewey to Knox Road, and north on Knox Road to Halsey.

Vieweg School first grade zone includes all the area to the south and west of a line drawn from the corner of Langley and Rowe, going west on Langley and Renshaw to Smith Road, north on Smith Road to Farragut, east on Farragut to Independence, northwest on Independence to Dewey, and west on Dewey to Knox Road. All trailers are included in the Vieweg first grade zone. In the Desert Park area, the Vieweg first grade zone includes all the houses to the southwest of a line drawn from the corner of Bonita and Prospect, going southeast on Prospect to Dorado, north on Dorado to Nadeau, and southeast on Nadeau to Cisco.

Desert Park School first grade zone includes all the houses to the northeast of a line drawn from the corner of Bonita and Prospect, going southeast on Prospect to Dorado, north on Dorado to Nadeau, southeast on Nadeau to Robalo, north on Robalo to Sandora (including houses on both sides of Robalo), and southeast on Sandora to Cisco, including only the even numbered houses on Sandora in the block between Robalo and Cisco.

Second Grade Zones
Richmond School second grade zone will include the area to the north of a line drawn from the corner of Halsey and Knox, going east on Halsey to Groves, east on Groves to Richmond, south on Richmond to Santee, west on Santee to Lauritsen, north on Lauritsen to Langley, west on Langley and Renshaw to Knox Road, north on Knox Road to Halsey, and north on Halsey and Bowen Aves. to Blue Ridge.

Safety First
An automobile can help you see the world, but it's up to you to decide which world.
For safe driving, see that all nuts are tight, except the one at the wheel.
There is a line on the ocean where you lose a day when you cross it. There is also a line on most highways where you can do even better.

Sports Slants NOTS Club Preps For 11 ND Softball Tourney

The Eleventh Naval District Softball Tournament got underway yesterday at Navy Field, San Diego, with 16 teams entered in the double elimination event. AirPac and the Naval Training Center are seeded one-two, USS Norton Sound, winner of the Interservice Play at Oxnard is seeded third and PhilPac fourth. The Station team finished in third place last year and figure to finish among the leaders again this year.

Members of the NOTS team making the trip are Manager Bill Pollard, "Ace" Valenzuela, Jim Sargent, Orval Colburn, Manuel Lopez, Jim Barnes, Fred Valtre, Leroy Meaney, Hank Clay, Sid Beauchamp, Billy Mathews, Dan Murphy, Dave Harris, and Ron Bowen.

The Station baseball team travels to Chino tomorrow for a game with the prison nine and returns tomorrow for a doubleheader with the institute at Tehachapi. The ball club winds up the season next Friday night with a game with the Los Angeles Dodger Rookie team. This game will be played at Schoeffel Field starting at 8 p.m.

Intramural Golf Standings

Team	Won	Lost
VX-5	69	15
NAF	48	24
NOTS	37	35
GMU-25	26	58
Marines	12	60

Bowling
The 1961-62 winter leagues are now forming. Persons interested in bowling at the Anchorage lanes may contact Tom Short, Jim Downard or Bob Owens at Ext. 7-2006. Military Personnel and their dependents may contact Les Anderson or Bill Laux at Ext. 7-2942 for league play at the Enlisted Men's alleys.

Promotional Opportunities
Present Station employees are encouraged to apply for the positions listed below. Applications should be accompanied by an up-to-date Form 55. The fact that positions are advertised here does not preclude the use of other means to fill these vacancies.

Supv. Personnel Mgmt. Specialist, GS-12, PD No. 965001, Code 634—Incumbent supervises, and participates in, the advising of the department assigned to Division No. 1, on personnel management problems, practices of position classification, employment, and placement, employee relations, and training.

Supv. Personnel Mgmt. Specialist, GS-12, PD No. 30073AmI, Code 638—Incumbent supervises, and participates in, the advising of the departments assigned to Division No. 3, on personnel management problems, practices of position classification, employment, and placement, employee relations, and training. This is a temporary promotion not to exceed one year.

Accounting Technician, GS-5, PD No. 017017-1, Code 1762—Perform local fund accounting of the program, task, project or channel level. Perform payroll and leave functions for personnel employed by the serviced department.

Fixed Asset Clerk, GS-4, PD No. 18462-1, Code 1762—Coordinates the distribution of reports to Central Staff and the Station department; provides coordinated control of the timekeeping, leave and payroll systems through maintenance of employee records.

R/AC Mechanic, GS-9 to GS-17, PD No. 4533—Installs, maintains, and repairs refrigerating and air conditioning equipment and components.

File applications for above positions with Dixie Shannon, Room 26, Personnel Building, Ext. 7-2676.

Equipment Specialist (General), GS-8, PD No. 14644AmI, Code 253—Provides technical advice on a variety of materials and equipment.

Clerk (Typing), GS-4, PD No. 10577, Code 3065—Perform routine clerical duties for the Timing/Telemetry Branch.

Ordnanceman (A&E-Test), \$2.84 to \$3.08 p/h, Code 4035—Handling of explosive parts before and after tests, transports and stows explosive ordnance.

Clerk-Typist, GS-4, PD No. 140120, Code 4035—Assists in the maintenance of the Program Evaluation and Review Technique System, including the necessary clerical, typing and contact work.

Supv. Aero. Research Engineer (Structures), GS-13, PD No. 140130, Code 4062—Serves as head of the Structural Mechanics Branch, Weapons Development Department.

File applications for above positions with Pot Detling, Room 34, Personnel Building, Ext. 7-2032.

Hvy. Duty Equip. Mechanic, GS-9 to GS-17, Code 5075—Maintenance and test of heavy duty equipment.

Electronics Mechanic, GS-3 to GS-24, Code 5075—Maintains and installs electronic and electro-mechanical equipment for analog computer. Also designs and builds circuits and equipment as needed.

File applications for above positions with Sgt. Wicks, Room 31, Personnel Building, Ext. 7-1393. Deadline for all applications: Sept. 1.

TERMINATIONS
Public Works—Earl E. Emmons, Carpenter; Emmett F. Mitchell, Truck Driver (heavy trailer); Eugene Moore, Heavy Duty Equipment Mechanic; Albert T. Burgess, Letterer and Grainer; Norris F. Cain, Diesel Engine Mechanic; Charles H. Richards, Rigger; and Harold F. Long, Mechanical Engineer.

Deborah A. Daybill, Mathematician, PS08, and Charles F. Gilbon, Metallurgist, PS08.

News From Pasadena

4 New JP's Join Program in UOD

Four new Junior Professionals have been added recently to the Underwater Ordnance Department Program, reports Agnes Anderson, NOTS Pasadena's JP Coordinator.



George W. Byram

Joining the program last Monday was George W. Byram who graduated from Georgia Tech last month with a B.S. degree in Electrical Engineering. He will receive his M.S. degree with the graduating class of '62 although he already has his certificate of completion.

Byram is from Asheville, North Carolina, and attended Mars Hill Junior College there before transferring to Georgia Tech. At Mars Hill, he was active in the Science Honor Club and Vice President of the College Amateur Radio Club. At Georgia Tech, he was associated with Eta Kappa Nu, an electrical engineering honorary society.

His first training assignment is with the Systems Development Division, Airborne ASW Branch. Reporting aboard July 3, Robert K. Gottfredson came from UCLA where he graduated with a B.S. degree in Mechanical Engineering.

He is a native of Pasadena and attended Pasadena City College for two years before going to UCLA.

He is a Junior Member of the National Society of Professional Engineers and in college was active in Tau Beta Pi, a National Engineering Honorary serving as Vice President of the UCLA Chapter for a term.

A veteran, he served in the Navy during 1951-1955 as a jet engine mechanic. His first assignment is with the Propulsion Division, Turbo-machinery Branch. Gottfredson is married and has

Promotional Opportunities
Submit up-to-date form SF-58 when applying for below position. Closing date for applications is September 1. Contact Nancy Reedson, Pasadena Personnel Division, Ext. 104.

Photo Optical Equipment Technician, GS-9 or GS-11, Code P309—Duty Station is Long Beach, 150% of time at San Clemente Island. Satisfy project photo optical requirements at SCI ranges; design, install, operate, or direct the operation of special applications of photo optical equipment and techniques for shipboard and underwater tests; coordinate manpower requirements, equipment requirements, and equipment development and procurement with China Lake Test Department; direct effort of contractor personnel.

NEW EMPLOYEES
Public Works—Earl E. Emmons, Carpenter; Emmett F. Mitchell, Truck Driver (heavy trailer); Eugene Moore, Heavy Duty Equipment Mechanic; Albert T. Burgess, Letterer and Grainer; Norris F. Cain, Diesel Engine Mechanic; Charles H. Richards, Rigger; and Harold F. Long, Mechanical Engineer.

Deborah A. Daybill, Mathematician, PS08, and Charles F. Gilbon, Metallurgist, PS08.

Personnel Statistics

3 Public Works Men Receive Benny Suggs
Beneficial Suggestions a ward checks have been received by three Public Works men at Pasadena—A. G. Southstone, 15, and Harry C. McLaren and Ray Becktel, 10 each.

Southstone, a Machinist at Morris Dam, and McLaren, a Leading-man (Laborer), received their awards based on safety benefits Becktel, an electrician suggested a time saver. His award was based on intangible benefits.



TEST TEAM—Personnel usually on board the USS PERRY or USS NAUTILUS during recently completed evaluation test days at Key West, Florida, are pictured on deck. Front row (l-r) are: Sam Wolfe, George Cocallas, Pat Patterson, and Doug Shaw. Back row (l-r) are: Cole Watson, Bill Sellers, John Phillips, and Joe Vetter. They are now on their way back to Pasadena.

Evaluation Ends Key West, Florida Test Team Returns

Returning to Pasadena this week from Key West, Florida where they have been involved in an evaluation program is a 21 man NOTS-contractor team.

For the last month, they have been working with KwestDet on a weapon evaluation program. They rode the firing and target vessels, the USS PERRY and USS NAUTILUS, furnished technical information, analyzed data, wrote reports, monitored weapon preparation, and ran film coverage.

In preparation for the evaluation, NOTS designed and built a few months ago a complete instruction system—a compact, rugged and reliable "suitcase instrumentation" concept capable of sampling up to 16 shipboard fire control functions.

NOTS team members included John Phillips, Joe Vetter, Sam Wolfe, Cole Watson, George Cocallas, Pat Patterson, Bill Sellers, Joe Rezin, Jim Herndon, Hiroshi Mori, Jack Kindred, John Veatch, Frank Masterson, Doug Shaw, Fred Lux, and Bill Nary.

Contractor personnel included Mike Miller, Don Priest, and Joe Foff of Minneapolis-Honeywell, and Dave Snyder and Ed Barnes of Librascope.

"Extremely well run tests" reports John Phillips, NOTS man in charge of the team.

Performance Stds. Course Conducted For Public Works

A comprehensive twelve-week course for planners and estimators and inspectors of the Public Works organization began here this week. Conducted by personnel of the Southwest Division of the Bureau of Yards and Docks, the course, of which five weeks will be in residence, will provide training in the local use of Engineer Performance Standards (EPS), a method for improvement of maintenance control.

The course details the time necessary for a qualified workman, working at a pace ordinarily used, under capable supervision and experiencing normal delays, to do a definite amount of work of specified quality, following a prescribed plan. Thus P & E's will be able to provide more realistic estimates of the time it should take to perform various functions. More effective manpower utilization means more effective support to operating units.

Members of the EPS team include H. O. Bishop, Director of SoWestDivDocks Maintenance Division, S. A. Hoffer, Manager of the Industrial Engineering Branch, and Messrs. Zellner and Cardall, Industrial Engineers.

Receiving the specialized training are: Leo Brennan, Leo Bullington, Frank Eitz, Ivan Gredeloe, Ed Hurst, Jim Johnson, George Putnam, Otto Schweska, Ken Sherman and Wally Woutka.

SHOWBOAT

FRIDAY AUGUST 25
"MARINES, LET'S GO" (104 Min.)
Tom Tryon, David Madison

(Drama in Color) Platoon gets leave and cons Hokusaku hotel into a palatial suite complete with bath house, by illegal use of walkie-talkie. Story concerns the lives of each man until they are called back to combat, still led by their Gunnery Sergeant.

(Adults-Young People)
SHORT: "Rebel Without Claws" (7 Min.)

SATURDAY AUGUST 26
—MATINEE—
1 p.m.

"DOG OF FLANDERS" (94 Min.)
David Ladd

SHORTS: "Uranium Blues" (7 Min.)
"King of Rocket Men No. 7" (13 Min.)

—EVENING—
"HAND IN HAND" (75 Min.)
Loretta Perry, John Gregson

(Drama) Two eight-year-olds of opposite faiths attend the same school and are fast friends. An incident arises where they decide to test which is stronger, their friendship or strictures against attending services other than their own. A discovery of basic truths common to both Christian and Jew.

(Family)
SHORTS: "Thrill of a Lifetime" (10 Min.)
"Webback Hound" (19 Min.)

SUN.-MON. AUGUST 27-28
"BEYOND A REASONABLE DOUBT" (80 Min.)
Dan Andrews, Joan Fontaine, Barbara Nichols

(Suspense) Novelist and publisher dislikes D.A.'s circumstantial evidence convictions and plant "clues" of an unsolved murder on the writer. They photograph each other's clues as a record to clear him, but... It's a surprise finish.

(Adults-Young People)
SHORTS: "A Sport Is Born" (10 Min.)
"AFSM No. 592" (19 Min.)

TUES.-WED. AUGUST 29-30
"A RAISIN IN THE SUN" (128 Min.)
Sidney Poitier, Claudia McNeil

(Drama) Negro family that lives in dark Chicago apartment eagerly await \$10,000 insurance check. The mother wants to buy a house, the son a liquor store. It's a tale of emotions, amusing and bitter—a version of the hit play.

(Family)
THURS.-FRI. AUG. 31-SEPT. 1
"THE LAST TIME I SAW ARCHIE" (98 Min.)
Robert Mitchum, Jack Webb, Martha Hyer

(Comedy) The top goldbrick of an average Air Force unit has everyone guessing how top brass he is as he totes his official-looking clipboard and issues overnight passes, dates, etc., to his pals. Here's a Bilko named Archie.

(Adults-Young People)
SHORTS: "Pied Piper of Guadalupe" (7 Min.)
"Community Sing" (9 Min.)

SATURDAY SEPTEMBER 2
"REVOLT OF THE SLAVES" (103 Min.)
Rhonda Fleming, Lang Jeffries

(Action-Drama in Color) In the days when Christians were in hiding, a Roman official buys a white slave who is flogged by the Patriarch's daughter who finally "finds" Christianity when the slaves are sent to the arena to do battle against each other.

(Adults-Young People)
SHORT: "Zoo Is Company" (7 Min.)

ASST. MEDICAL OFFICER—Lt. "J" Jerome Rinaldi reports to the staff of the Station Hospital. He is a graduate of Louisiana State University where he obtained his BS degree in 1950 and his MD in 1958. Since 1956, he served as Chief of Medical and Surgical Services at the Veterans Administration Hospital at Gulfport, Miss. He served with the Navy from 1941 to 1944 and is credited with numerous military decorations. He and his wife, Shirley, and their two children have been assigned temporary quarters at 54-A Randolph pending permanent quarters at 695-A Lexington.

THE ROCKETEER

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Chaplain's Corner

By Chaplain R. C. Fenning

The Bible story of the Talents teaches us that there are definite limits to human capacity. One has to face the fact that some people have more talents than others. This is a hard lesson for some people to learn. It is with natural reluctance that some parents will recognize and admit to limitations in their own children. Sometimes it is little Johnny alone who understands that he is not the great genius his parents insist he is.

The fact is, of course, that the great bulk of the world's work is not being done by a handful of giants; it is being accomplished by a host of ordinary people. It was Lincoln who reminded us that God must love common people because he made so many of them.

Men of attainment and responsibility are the first to admit their dependence upon loyal subordinates of varying degrees of ability. The important thing is that each man make full use of the talents God has given him.

This moral obligation is as applicable in the military as it is anywhere else. It is a principle that is understood, too. That is why you will find a lot of VIP's in the rear ranks.



Christian Science (Chapel Annex) Morning Service—11 a.m.

Sunday School—9:30 a.m.
Unitarians (Parish Hall)
Sundays—7:30 p.m.

Protestants (All Faith Chapel)
Morning Worship—9:45 and 11 a.m.
Sunday School—9:30 a.m., Groves and Richmond elementary schools.

Roman Catholics (All Faith Chapel)
Holy Mass—7, 8:30 a.m. and 4:45 p.m.
Sundays—7:30 p.m.

Confessions—8 to 8:25 a.m., 7 to 8:30 p.m.
Saturday, Thursday before First Friday—4 to 5:30 p.m.

NOTS Hebrew Services (East Wing All Faith Chapel)
Every first and third Friday, 7:30 p.m.
Sabbath School every Saturday morning.

RETURNS TO NPS—Dr. W. F. Koehler, Head of the Physics Division, Research Dept. left NOTS this week to accept the position as Assistant to the Academic Dean and Director of Research at the U.S. Naval Postgraduate School, Monterey. Dr. Koehler came to China Lake in the summer of 1951 from NPS at Annapolis where he held a professorship in physics. He is recognized for his many contributions to various journals, and is credited with the recruitment of a sizeable percentage of the Station's advanced degree physicists.