



NEW SKIPPERS—Florence and Frank Frum, BMI, VX-5, the new "skippers" of the NOTS Club for married couples of the NOTS Community Church will relieve (r) Mary Lee and William McBride who served as "skippers" for the group last year.

Imre Barlai Wins Chess Tournament

Imre Barlai, a former Hungarian chess champion, swept through a field of 22 chess experts last weekend to win the first Open Chess Tournament ever held at China Lake.

Barlai, rallying from a third round defeat by Phil Smith of Anaheim, swept through games with third-rated Al Raymond of Lancaster and top-rated Roger Smook of Riverside to clinch the title.

Barlai and his Hungarian born room-mate Zoltan Kocsin took time off from their studies at San Diego State to compete in the two-day tournament.

Roger Smook of Riverside and Al Raymond of Lancaster tied for second place among the rated players.

Two members of the China Lake club, Ray Richards and Seldon Schnur, took first and second place respectively for unrated players.

China Lake's Carl Blitzer served as tournament director.

Competing in the tournament play were the following: from San Bernardino—Roger Smook, Stephen Skrypaak and Max Schlosser; from Fresno—Phil Smith and Robert Baker; from Riverside—Frank Metz and William Giles; from Lancaster—Al Raymond, Ted Jones and Joseph Roberts; from Barstow—Dave Gibson; from San Diego—Imre Barlai and Zoltan Kocsin; from China Lake—Paul Alexander, Ray Richards, Joe Atkins, Ed Winnemore, William Allen, Seldon Schnur, Roy Cole, Bruce Allen and Randy Eidmiller.



IN DEEP STUDY—Roger Smook (l) of San Bernardino and Imre Barlai of San Diego are shown in deep study during the Open Chess Tournament held here last weekend. The Hungarian born Barlai defeated the top-rated Smook and Al Raymond of Lancaster to win the tournament.

Navy Keeps Pace...

(Continued from Page 1)

logical equipment, astronautic vehicles and supporting equipment; and all pertinent functions relating thereto.

Outline of the Navy

The first outlines of the Navy's present system were indicated by the establishment of a Board of Naval Commissioners in 1815. This proved ineffective, so Congress created the bureau organization in 1842. Five bureaus were established at that time—Yards and Docks; Construction, Equipment and Repairs; Provisions and Clothing; Ordnance and Hydrography; and Medicine and Surgery.

Originally, BuOrd's major task was the arming of the 69 ship Navy with muzzle-loading cannons. Functions included the manufacture, issue and use of Naval ordnance and ammunition.

Expansion caused by the Civil War coupled with technical advances made it necessary to increase the number of bureaus to eight, adding Navigation, Steam Engineering, and Equipment and Recruiting to the original five.

In 1862 the present Bureau of Naval Personnel had its origin. Other bureaus have come and gone and others have stayed. The Bureau of Aeronautics was founded in 1921, and the Bureau of Ships was formed in 1940 by combining the Bureaus of Engineering and of Construction and Repairs.

With the establishment of BuWeaps, there are now six bureaus: Supplies and Accounts, Yards and Docks, Medicine and Surgery, Naval Personnel, Ships, and Naval Weapons. All were created to meet the changing requirements of a modern Navy.

Effect on Field Activities

Approximately 350 field activities, including NOTS, will come under the jurisdiction of the new bureau. At the Departmental level, over 4400 personnel, and over 200,000 in the Field Establishment will come under its management control, about 50 percent of the total physical plant of the Navy Department. It is anticipated that numerous field activities will reflect the results of the merger by changing the activity titles.

In a letter to the former Chief of BuOrd last October, Capt. W. W. Hollister requested that NOTS China Lake and Pasadena be redesignated U. S. Naval Weapons Laboratories, China Lake-Pasadena.

Holiday Parties

A list of department holiday parties has been compiled by the Rocketeer staff for the convenience of Station employees.

- All will be dinner-dance affairs with the exception of the Test and Propulsion Development Departments who plan on having dances only. Technical Information Dec. 11-6:30 p.m. Community Center Propulsion Development Dec. 11-8 p.m. Elks Hall Aviation Ordnance Dec. 12-6 p.m. Elks Hall NOTS Enlisted Men Dec. 13-4 p.m. Anchorage Navy Exchange Dec. 16-6:30 p.m. Community Center Personnel and Community Relations Dec. 17-7:30 p.m. Anchorage Supply Dec. 18-6:30 p.m. Community Center Engineering Dec. 19-7 p.m. American Legion Hall Office of the Commander and Central Staff Dec. 19-7 p.m. Elks Hall Test Dec. 19-9 p.m. Community Center Weapons Development Dec. 31-9 p.m. Recreation Hut

Civil Service Names Health Insurance Advisory Committee

Five men of long association and experience with Federal employees and matters affecting them have been named by the Civil Service Commission to constitute the advisory committee authorized by the Federal Employees Health Benefits Act of 1959.

The five, who will advise the Commission regarding health benefit matters of concern to employees, are: James A. Campbell, president of the American Federation of Government Employees; Jerome J. Keating, vice-president of the National Association of Letter Carriers; Vaux Owen, president of the National Federation of Federal Employees; William H. Ryan, president of District No. 44, International Association of Machinists, and Leon L. Wheelless, director of civilian personnel policy of the Defense Department. These men will serve without compensation.

They were chosen, the Commission said, to provide the best cross-section of opinion and point of view that could be obtained within the statutory limit of five individuals. While each committee member will represent all employees rather than any particular group, the committee members' composite experience affords them familiarity with the particular problems of white-collar, blue collar and postal employees, both organized and unorganized.

The Commission announced it will welcome suggestions and comments from any other organized groups or from individual employees.

SS Deductions Upped, Becomes Effective Jan. 1

Social Security deductions from paychecks will be increased from 2 1/2 to 3 per cent starting Jan. 1, 1960. The amount of earnings subject to Social Security deductions is \$4,800 per calendar year.

The new rate of deductions will continue through 1962. This change affects only those people presently paying into Social Security. Station employees on career or career-conditional appointments are covered by the Civil Service Retirement Act and are not affected by this change.

WASHINGTON—(NAVNEWS)—Chaplains were aboard the earliest warships of many nations. In those days they would receive four pence from each seaman every month as their pay. In turn, they would give six pence to those seamen who learned a psalm.

It is interesting to note that the name "chaplain" was derived from a French source. It seems that St. Martin shared his cloak with a poor beggar on a cold, windy day at Amiens, France. This cloak was "miraculously preserved" and became the sacred banner of the kings of France. The man charged with the coat's safekeeping was called the chaplain, from the French word chapel meaning short cloak.

It wasn't until the 18th century that chaplains were permitted to live in the wardrooms of ships. Previous to this they would mess in their own cabins, although they frequently dined with the captain.

Rocketeer Deadlines News, Tuesday, 4:30 p.m. Photos, Tuesday, 11:30 a.m.

Weapons Meet...

(Continued from Page 1)

In addition, the Navy's Bureau of Ordnance had a working wind tunnel through jet engines and space suits, nel which is capable of producing speeds up to twice the speed of sound.

Advanced rockets, including "Bullpup" and "Sidewinder" were displayed, as well as the latest developments in gunnery mounts and aircraft cannons.

NOTS Delegates

On hand to explain NOTS contribution to advance Naval Aviation were: Cdr. I. A. Robinson, Coordinator; John Bass, Station Steering Committee Chairman; Ray Sinnott, Static Display Coordinator; Lee Humiston, who assisted Sinnott; Frank Wentink and Bob Sizemore of the Office of the Commandant who represented Station Command.

Personnel from other departments were present including VX-5 participation in fire power demonstration, NAF personnel, Pasadena representatives with ASROC, torpedoes, and depth charges; and Test Department photographers Phil Lilly and Mel Miller. The RAPEC display was attended by Don Ferrin and Paul Barnes of Propulsion Development Department. Bob Elbrader of Supply Department supervised the crating and shipping of four truck loads of Station exhibits.

Collection points are: Station Fire House, EM Club, Station Theatre, or the NAF Gate.

Social Security Agent To Be Here Dec. 15-16

A representative of the Social Security Administration will be here Tuesday and Wednesday, Dec. 15 and 16. He may be seen in the Security Office at Main Gate from 8-11 a.m. each day.

Burroughs High School To Present Concert Dec. 16

Burroughs High School Music Department will present its Boys and Girls Glee Club and Mixed Chorus in the annual Christmas concert for the general public on Wednesday evening, December 16, beginning at 8 p.m. in the Murray Cafeteria.

Children's Film Society

The 42-voiced group under the direction of Neal Olsen will present a program of Christmas festivities. Other performances for the group will include appearances on December 15 at the following schools: Vieweg 8:45-9:15 a.m.; Groves 9:30-10 a.m.; Monroe 10:30-11 a.m.; and Richmond 1:30-2 p.m.



COMMENDED—Acting Corporal Bennie E. Ray, USMC (left), is commended at a Meritorious Mast by Lt. Col. R. C. Kuhn, Commanding Officer of the Marine Barracks for his outstanding performance of duty while acting in the capacity of Special Service NCO during the period of Dec. 15, 1958, to July 31, 1959.

Local Units Collect Clothes for Needy

World Clothing Week, part of a nationwide campaign to raise used clothing, shoes, and bedding for orphaned and needy children and adults in the United States and abroad, is conducted by the schools in cooperation with the Christian Children's Fund, Inc.

Beginning today through Dec. 19, local high school students will participate by collecting all types of used clothing for all ages and bringing them to school during the week.

Last year's records show that the Indian Wells Valley area did a superb job in contributing during the 1958-59 drive, donating more clothing per capita than most areas of the same size in the United States.

According to Darwin B. Hows, chairman of the drive, if any citizens in the area are not contacted by high school students and have clothing to give, call the Burroughs High School attendance office, Ext. 718-51421, during school hours.

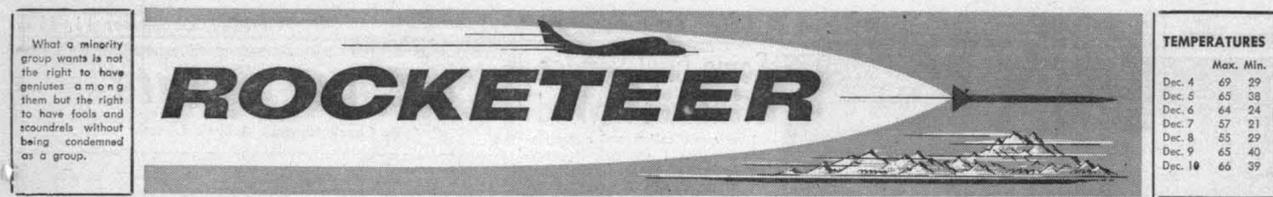
Another welfare group, the Indian Christmas Committee, is collecting clothing, cooking utensils, toys, scraps for rugs, etc., for distribution in the Bishop-Lone Pine area.

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Budd Gott, Editor Office, Housing Bldg., Top Deck Phones 71554, 72082, 71655 Vol. XV, No. 49 U. S. Naval Ordnance Test Station, China Lake, California Friday, December 11, 1959

TEMPERATURES Max. Min. Dec. 4 69 29 Dec. 5 65 38 Dec. 6 64 24 Dec. 7 57 21 Dec. 8 55 29 Dec. 9 65 40 Dec. 10 66 39



UNITED FUND FOOTBALL CHECK — Station Athletic Director "Chuck" Mangold (l) presents a \$1,105 check earned from the two charity football games to the Station's United Fund Drive Chairman John Trigg. The check brought United Fund contributions to a total of \$25,365, still short by \$10,135 of the \$35,500 goal. Contributions can still be sent to United Fund, P.O. Box 42, China Lake.

Navy Keeps Pace With Bureau of Naval Weapons

Legislation signed by President Eisenhower on August 18, 1959, provided authorization to establish a Bureau of Naval Weapons within the Navy Department by consolidation of the Bureaus of Ordnance and Aeronautics. The complete disestablishment is scheduled not later than July 1, 1960.

Rear Admiral Paul D. Stroop, USN, past Station Commander of NOTS from October, 1952 to August, 1953, and most recent Chief of the Bureau of Ordnance was named the first Chief of BuWeaps. RADM, William A. Schoech, former Deputy and Assistant Chief of the Bureau of Aeronautics and Commander Carrier Division THREE, has been named Deputy Chief of BuWeaps.

This change in the Navy Department organization evolved from the recommendations of a Committee on Organization appointed by the Secretary of the Navy William B. Franke, on August 26, 1958.

The Bureau of Naval Weapons was activated on September 1, 1959 and the merger was completed on December 1, 1959. Its mission is responsibility for the research, development, design, test, operating standards, manufacture, alteration, repair, overhaul, material effectiveness, disposition and salvage of all Naval weapons, Navy and Marine Corps aircraft, airborne target drones, photographic and meteorological.

(Continued on Page 4)

Cdr. K. Williams Is New Legal Officer

Cdr. Kenneth F. Williams has relieved Cdr. George T. Boland as the Station's Legal Officer.

The incoming officer reports from the Office of the Commandant, Third Naval District, New York. Cdr. Boland, on board since June, 1957, will report for duty with the Pacific Submarine Force in Hawaii.

Cdr. Williams entered the Navy in 1941 through the V-7 program. He earned his commission from the Naval Academy Reserve Midshipman School later that year.

He was aboard the USS Flaherty when she participated in the capture of the German submarine U-505 during World War II. He has served as Commanding Officer of the USS Bowers, (APD-40), and has also served on numerous other ships.

Earning a bachelor's degree in law from the University of Louisville in Kentucky, he was assigned as Legal Officer at the Naval Air Station, Barber's Point, Hawaii.

Cdr. Williams has been awarded the Bronze Star, Presidential Unit Citation and a Korean Presidential Unit Citation.

Cdr. Boland

Prior to his assignment here, Cdr. Boland had seen duty with the office of the Inspector General in Washington and on the Staff of the Commander, Fleet Air Eastern Atlantic and Mediterranean. The Bolands left the Station last Tuesday.

During his duty at NOTS, Cdr. Boland served as Traffic Judge, and on the AF Disciplinary Board.

Yuma Weapons Meet Marks Navy Strength

A multi-million dollar show of the Navy's most extensive training project, "Operation Top Gun," the Fourth Annual Naval Air Weapons Meet, closed last Friday, Dec. 4, at the Marine Corps Auxiliary Air Station, Yuma, Arizona.

The purpose of the five-day competition was to instill a competitive spirit which provides the training incentive essential for combat readiness, and the opportunity to evaluate the Navy's weapons systems, supporting equipment, training and operating techniques under highly competitive conditions.

Results of the Fourth Naval Air Weapons Meet will be recorded, critiques will be held, and a final report issued on the results of the Meet to improve, and build a stronger Navy through Naval Aviation.

As the gunnery, bombing and missile firing subsided Thursday afternoon, the final scoring showed Pacific Fleet squadrons winning four of the team championships in the six categories of competition.

AIRPAC also annexed three of the Individual "Top Gun" honors. The Atlantic Fleet score was two team championships and three individual crowns.

Some of the hardest working aircraft at the Meet never had a chance to win any of the trophies. They were the 13 helicopters from Marine Air Group 36 that supported the competition. Four of the "Whirlybirds" were equipped with cameras and transmitters to capture the airborne portion of the daily television broadcasts of the meet.

During the four-day competition by all-weather fighter units flying the F4D Skyray and firing air-to-air rockets against radar targets at altitudes of 30,000 and 50,000 feet, All-Weather Fighter Squadron 3, based at San Diego, Calif., won convincingly over other competition.

In the All-Weather Fighter category for the F3H Demon, Fighter Squadron 41 of Oceana, Va., won in the firing of Sparrow III missiles over the Point Mugu, Calif., range at 30,000 and 40,000 foot altitudes.

Attack Squadron 66 of NAS Miramar, Calif., staged a "come-from-behind" win over Atlantic Fleet Attack Squadron 12 in the jet light attack event. Flying A4D Skyhawks in medium level, profile, high dive and over-the-shoulder bombing events, the Pacific Fleet squadron won by only a 25 point margin.

AD Skyriders flew missions against ground targets in the desert area near Yuma. Attack Squadron 85 of Oceana, Va., took an early lead over Attack Squadron 95 in the first day's air-to-ground rocketry and bombing. VA-85 held its lead throughout the meet, winning by 1,469 points in the Propellor Light Attack event.

In the Day Fighter events FSU Crusader pilots fired Sparrow III missiles on the Point Mugu range, then ranged on banner targets towed over the Chocolate Mountains north of Yuma. Marine Fighter Squadron 232 of Kaneohe Bay, Hawaii, ran away from other competition, taking a convincing lead on the first day of firing. The squadron won the category competition by more than a 4,000 point margin over their nearest rival.

Heavy Attack Squadron 4 of Whidby Island, Wash., came from behind to win over Heavy Attack Squadron 11 of Sanford, Fla., in the Heavy Attack events. Both squadrons flew pin-point bombing, celestial navigation, and simulated radar bombing missions against targets in several large Midwest and West Coast cities.

NOTS displays largely predominated the exhibits at the Static Display Section. The displays ranged from advanced navigation systems, up to life-sized model of the Mercury space capsule.

(Continued on Page 4)

250 Missile Projects Started Since End of World War II

More than 250 missile projects in the United States have been started since the end of World War II, according to Col. Kendall K. Hoyt, an Air Force reserve officer, who has been assigned as science advisor to the National Capitol CAP Wing.

Now in the process of organizing the first rocket squadron in the country, Colonel Hoyt is also director of the Association of Missile and Rocket Industries.

The total number of projects, he said, includes all types of "birds" and range from small sounding rockets to giant intercontinental ballistic missiles.

He explained that at least 30 projects are known to be discontinued and at least 20 are out of production. Many others, which are in the preliminary stage of development, may not go beyond a few test firings or even get off the drawing board he said.

"This leaves close to 100 active missile projects of substantial scope and cost, and doubtless others not yet revealed," he explained.

"Over the past year, new missile names have appeared at the rate of one or two a week," Colonel Hoyt said, "and the Association of Missile and Rocket Industries has listed more than 200 other projects in the space field as part of its loose-leaf reporting service."

Navy Has 80 Of the 250-odd American missiles, Colonel Hoyt explained, 80 are with the Air Force, 80 with the Navy, 60 with the Army and a dozen with the National Aeronautics Space Administration. He added that a dozen have not yet been taken by any of the services.

NOTS Community Church Choir Sets Candlelight Service

In keeping with the Christian tradition of expressing the joy and awe of Christmas with music, the chapel choir of the NOTS Community Church, under the direction of Theldon Myers, will present its 7th Annual Candlelight Carol Service next Sunday, Dec. 13, at 8:15 p.m. in the All Faith Chapel.

The choir's simple, but impressive candlelight service will bring to its listeners centuries of Christmas choral music of many countries and composers, including Bach, Praetorius, Niles, Candlyn, Priesing, and others.

The story of the Annunciation, the Babe, the Shepherds, the Wise-men, and all Christian people's joy at Christ's birth will be sung as the choir's special Christmas offering to the Church and the community.

All are cordially invited to attend this choral celebration of the Advent season.

900-Mile Polaris Test Flight At Canaveral Called Success

A Navy Polaris test missile blasted off from Cape Canaveral this week with a new guidance package riding in its nose and rumbled over the Atlantic on a successful 900-mile flight.

The bottle-shaped missile, which was first revealed to the public and press during "Pop-Up" tests at San Clemente Island in June 1958, is a prototype which will be fired from submerged nuclear-powered submarines.

Main purpose of the test was to gather data on the performance of a guidance mechanism "in a powered flight environment," indicating that the time may be near when Polaris will make a fully-guided flight from the Cape.

The guidance package carried in Polaris telemetered information back to the Cape, but did not control its flight. The first Polaris launching submarine, the George Washington, was launched in June of this year, and is expected to join the fleet late in 1960. Work is underway on other nuclear subs that will carry 16 Polaris missiles each when they go to sea.

Extra One-Half Holiday For Employees Dec. 24 AFGE Lodge 1781 has received a bulletin from the National Headquarters of the American Federation of Government Employees indicating that the President issued an Executive Order on December 3 granting most Federal employees a one-half holiday on December 24.



NEW OFFICERS—Newly elected officers of the "Untied NOTS" are Ed Bernard, chairman; Sara Chedester, vice-chairman; and Naomi Reynolds, secretary. Not present is Kem Homb, treasurer. All Station employees who are single and over 21 are welcome to join the group.

Some Civil Service Standards Revised

New qualification and classification standards covering approximately 117,000 stenographer and typist positions in Government recognize the increasing diversity of skills required of modern office workers, the Civil Service Commission has announced. The standards are among a group of 19 new occupational standards soon to be released to agencies.

The new standards reflect the fact that some of the routine and repetitive work has disappeared from stenographer and typist jobs as a result of technological advances and new procedures introduced in recent years.

Extensive use of photocopy equipment, tabulating equipment, computers, etc., has eliminated much of the routine copy work, while the use of machine dictation, form letters, and standard paragraphs has replaced much of the routine dictation work formerly given to stenographers. Meanwhile, more diversified and responsible work has been gradually finding its way into these jobs.

Clerk-typist positions hereafter will range from GS-2 through GS-4 and clerk-stenographer from GS-3 through GS-5. There will be no GS-1 typist or GS-2 stenographer positions.

With the issuance of the new classification standards, agencies will be required to review all positions where typing and stenographer duties are required and re-classify them to their proper grades. Mass regrading is not expected, since the new standards reflect many changes that have already taken place and have been taken into account in previous classification actions.

The Commission said that the only relatively automatic upgrading will be of the few clerk-typist positions now in grade GS-1 and clerk-stenographer positions now in GS-2—approximately 900 positions throughout the Government. Some other positions will be upgraded and some will be downgraded, but the majority will remain in their current grades.

New qualification requirements have also been established for these jobs. Mainly, they will not affect people already on the job. However, for persons entering the Government, they will mean that those who demonstrate superior skill in the examination will be eligible for appointment at a higher grade than other applicants. Related experience will also be evaluated by the Commission in determining the grade for which an applicant is eligible.

Standards for this group of related stenographic and typing occupations also include revised grade-level guides for stenographic reporting jobs; new standards for closed-microphone reporting jobs which recognize this relatively new method for verbatim recording of conferences, hearings, etc., as required abilities and grade levels equivalent to those appropriate for standard shorthand reporters; and revised standards for dictating-machine transcribers which continue their equivalence in grade level value to stenographers when they are performing duties and responsibilities of a similar kind.

The other newly developed standards concern psychologists; personnel placement, and classification specialists; coldtype composing machine operators (varitypists); digital computer operators and programmers; peripheral equipment operators; budget specialists; dental laboratory technicians; chemical engineers; attorneys; contract and procurement specialists; and meteorological technicians.

In addition, grade-level standards covering all professional engineering positions are being issued. These general standards will provide guidance for the classification of all professional engineering jobs for which standards covering the specific field of engineering have not been issued.

The way things are going, it won't be long until you will need a college degree to get into high school. A chiseler is a guy who gets into a revolving door behind you and comes out first. June is the month when a girl gets a Lohengrin on her face.

Sport Slants

By Chuck Mangold, Athletic Director



PLAY FOR UNITED FUND—An El Toro Marine stops Station All-Star Jerry Jones after a short gain in the second United Fund charity game played last Saturday at Kelly Field. The rugged Marines downed the local All-Stars 14-0. The two games netted \$1,105 for United Fund.

The El Toro Marine gridders downed the local Station All-Stars 14-0 in the second United Fund charity game played on Kelly Field last Saturday.

Both El Toro touchdowns were scored by left half "Speedy" Garcia on strong side running plays—one going for 17 yards in the third quarter, and the other a 2-yard smash in the fourth period.

Garcia set up the final score of the game when he broke loose for a gain of 46 yards on the same off-tackle power play that proved so effective throughout the game for El Toro.

The Marine gridders from El Toro muffed both tries for the extra point after touchdown, as the kick for the PAT was wide following the first score and was blocked following the second. The visitors also picked up 2 points on a safety late in the second period.

Highlight of the game for Station fans came late in the fourth period, when Kapaha intercepted an El Toro pass on the Navy 20, setting the stage for a crowd-thrilling, but illegal, 80-yard pass and run play that proved to be the local team's only venture into pay dirt during the game.

Unclaimed Prizes: Lucky ticket holders who have not picked up their prizes from our United Fund football game include the following numbers: 2191, 2361, 911, 2058, 1319, 765, 290, 2253, 933, 25, 2050, 50, 2312, 994, 1970, 1892, 1391, 34, 1282, 1008, 2111, 1098, and 39. Prizes may be picked up at the Special Services Office, top deck of the Housing Building.

Golf: There will be a partnership to handicap Golf Tournament Saturday, Dec. 19. Ladies are invited. For further information contact Grant Gorman, Ext. 71629.

Basketball: The Station Intramural Basketball season is in its third week of play. Undefeated teams include abilities of a similar kind.

The other newly developed standards concern psychologists; personnel placement, and classification specialists; coldtype composing machine operators (varitypists); digital computer operators and programmers; peripheral equipment operators; budget specialists; dental laboratory technicians; chemical engineers; attorneys; contract and procurement specialists; and meteorological technicians.

In addition, grade-level standards covering all professional engineering positions are being issued. These general standards will provide guidance for the classification of all professional engineering jobs for which standards covering the specific field of engineering have not been issued.

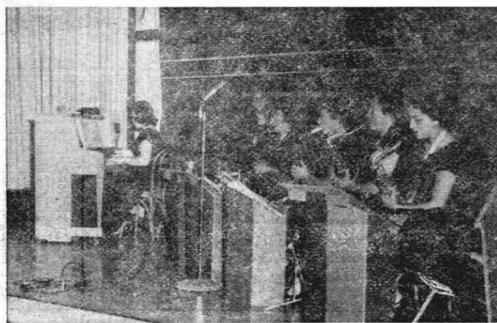
UCLA Refunds Arrive: UCLA summer semester refund checks may now be picked up at the Education Office, Room 1004, Michelson Laboratory.

THE ROCKETEER OFFICIAL WEEKLY PUBLICATION of the U.S. NAVAL ORDNANCE TEST STATION China Lake, Calif. Captain W. W. Hollister, USN Station Commander

Quips: The way things are going, it won't be long until you will need a college degree to get into high school. A chiseler is a guy who gets into a revolving door behind you and comes out first. June is the month when a girl gets a Lohengrin on her face.

What's Doing IN RECREATION

By Jean Cone, Recreation Director



CROWD PLEASERS—The Women's Air Force Band from Norton AFB in their first visit here to play for the Station Adult Dance last Friday proved to be "crowd pleasers" with their dance rhythms.

Plans have just been completed for a gala New Years Eve party at the Community Center to which all Station personnel 21 years old and over are invited. A 7-piece band, "The Continentals," will start the festivities at 9 p.m. with their scintillating dance arrangements.

Dick Reeves, star of many Western shows, and the ever-popular musical duo, Bill and Doree Post, will present some mighty fine entertainment around 10 p.m. Reservations for groups of eight or more are being taken. Reserved tables will be held until 9:30 p.m. only. Admission will be: men \$1, women free.

Breakfast will be served at the close of the New Years Eve party if enough paid reservations are received by December 29. For further information regarding the menu, prices, and reservations, call Ann Seitz between 12 and 5 p.m. Monday through Friday at Ext. 72010.

Stations Dance: A near-capacity crowd enjoyed the music of the Women's Air Force dance orchestra at last Friday's adult Station dance. From comments heard that night, the folks not only enjoyed the music but had much fun in seeing many friends they hadn't had a chance to visit with "in ages."

The girls thoroughly enjoyed playing for such an enthusiastic audience and told me they are looking forward to a return trip to China Lake. Seems they had to rush back to Norton AF Base to play for a wedding of one of their Band members on Saturday. Sgt. Martha Awkerman, the band leader, tells me Cupid is their biggest competition for keeping good musicians these days.

Four Wheelers Trip: The first trip of the newly organized 4-wheel drive club was taken last Sunday and declared a success by all who went along. Six vehicles made up the caravan that went to the northern part of the Station. Luckily, we got to see some wild horses and burros on the ranges. One of the highlights of the trip was Big Petroglyph Canyon. The plans for the Saline Valley trip on January 1-3 sound so exciting it kind of makes you want to buy a Jeep! If you do own a 4-wheel drive vehicle and want to go on the trip call Carl Rowles, Ext. 77023, after 4:30 p.m.

Discount Tickets Available: Discount coupons are now available for Thornton Wilder's "Our Town," starring Tom Tully at the Le Grand Theatre in Hollywood. Still available are discount coupons to Marineland, Disneyland and the play "Murder in the Red Barn."

Mail order applications are also now available for the Los Angeles Philharmonic Orchestra's Promenade Concert season. The concerts will be held at the Shrine auditorium Saturdays; Jan. 16, Feb. 13, Mar. 12, and April 23. The Jan. 16 concert will feature the Stanford University Glee Club. These mail order applications and all discount certificates are available at the Community Center receptionist counter.

Group Health Insurance Agent Goes on Leave: The Group Health Insurance representative for claims information will be on leave from her office in the Housing Office Building from Monday, Dec. 21, through Monday, Dec. 28. Collections will be accepted as usual during her absence.

RAFT Club: The first of the two big December parties for members of the RAFT Club will be the December Birthday Dance to be held tomorrow in the Club House. The second social event will be

News From Pasadena

Santa Claus Drive Ends, Purchases Made For Christmas

Final tally of Operation Santa Claus fund drive disclosed a total contribution of \$977. The cooperation and participation of NOTS Pasadena employees has made it possible to provide for a happy holiday season for four needy families with a total of 18 children, and an orphanage.

Equipment purchased for the orphanage includes two swing sets, a double basketball setup, a 12-foot slide, and two tether balls and poles.

Each of the four families will receive a Christmas basket consisting of a large turkey and all the trimmings—sweet potatoes, vegetables, milk, nuts, candy, fruit.

Each of the 18 children will receive complete outfits from top to bottom. For the girls, there are dresses, sweaters, and a stuffed toy. The boys too will be completely outfitted, with the larger boys getting continental trousers and the younger boys, jeans. All the children will have sleepers, underclothes, socks, and shoe certificates.

So that employees may see the items purchased for the families, Operation Santa Claus Committee members plan to set up an exhibit in the Building 7 display area on December 15. The exhibit will be open all day so that employees may view the items at a time most convenient to them.

BOTLO Name Change

On December 1, the name of Bureau of Ordnance Technical Liaison Office (BOTLO) was changed to Bureau of Weapons Technical Liaison Office. The office, Code P9506, retains its location in Building 4 at Foothill.

Reserve December 23

Keep December 23 open on your calendar for the ESO-sponsored all-hands Christmas party. It will be held 5-7 p.m. at 250 West Foothill Blvd., Arcadia.

Hoopsters Win 60-58

NOTS hoopsters won their second league game of the season by 60-58, against Driver-Eddy Company, on Dec. 1. At the end of the first quarter, they trailed 11-16. Then in the second quarter NOTS took a 3-point lead which dropped a point during the third quarter to a tight finish of two points.

Consultant Celebrates

HONORED—X. Martin Smith, Consultant in the Test Department, was honored at a surprise party in the Coffee Port last week. The occasion was his 65th birthday. Well-known at both Pasadena and China Lake, he has been with the Station since 1947, and is also a Captain in the U.S. Naval Reserve.



Two first graders were standing outside of school discussing thermonuclear fission. "Darn it," said one, "there goes the ball. Now we will have to go in and string beads."

Jack Hoyt Named To Head Propulsion Division, Underwater Ordnance Dept.

Jack W. Hoyt last Monday was named to head the Propulsion Division, Underwater Ordnance Department. He succeeds Dr. J. L. Jones who recently left the Station.

Hoyt has been with the Station since 1948 and has headed the Turbomachinery Branch of Propulsion Division for the past 6 1/2 years. Prior to joining NOTS, he did aircraft engine research work with the National Advisory Committee for Aeronautics in Cleveland. Born and reared in Chicago, he attended Illinois Institute of Technology, graduating in 1944 with a B.S. degree in Mechanical Engineering.

While with NOTS, he has continued school under the Station's educational program. He obtained a Master's degree in Engineering from UCLA in 1952, a Station Fellowship for a semester in 1955, and has been advanced to candidacy at UCLA for his Ph. D. in Engineering which he expects to obtain in June 1960.

When time permits, he pursues several hobbies, one of which is collecting letters carried by experimental mail-carrying rockets. He has about 50 such letters he has collected since the 1930s. He also has an all-power equipped workshop and enjoys building furniture. He and his wife, Helen, have three children—John 11, Kathy 8, and Annette, 1 1/2. They presently live in Westwood but plan to move to the Pasadena area soon.



Jack Hoyt

ASW Study Group Makes Visit Here To Tour Facilities

A visit of an ASW study group of the house appropriations committee was hosted at NOTS Pasadena this week—Monday at Foothill and Tuesday at Morris Dam. The visit was made in connection with a study of the Navy's ASW problem currently being conducted by members of the House Appropriations Committee, and was made to "bring to the Committee a greater understanding of ASW."

Among those in the party were Representatives Melvin R. Laird of Wisconsin and Glenard P. Lipscomb of California, and Samuel C. Crosby, Principal Staff Assistant. Accompanying the party were Frank A. Parker, Assistant for Undersea Warfare, Office of the Director of Defense Research and Engineering; Captain John W. M. Montgomery, Office of Navy Comptroller, escort officer; and Cdr. Paul Roth, Office of the ASW Readiness Executive, who was representing CNO.

They were greeted Monday afternoon at Foothill by Captain H. B. Hahn, Executive Officer; H. G. Wilson, Associate Technical Director; and NOTS Pasadena personnel Captain C. J. Beers, OinC; and D. J. Wilcox and W. E. Hicks, of UOD.

Following a briefing on NOTS Pasadena facilities and ASW development programs, they viewed hardware displays and visited the Model Lab and Simulator.

On Tuesday afternoon, accompanied by Capt. Beers and M. Van Reed, Pasadena Range Director, they viewed facilities and firings at the Morris Dam Torpedo Range.

Wives' Hear Talks On JP Program, Station

Junior Professionals, their wives, and guests last Friday evening heard an address by D. J. Wilcox, Head of UOD, on the Junior Professional program at NOTS. Sponsored by the JP Recreational Committee, the evening was devoted to acquainting JP's wives with the JP program and work of the Station. The program also included a Station movie and presentations by several JPs.

Afterwards, the group of about 40 adjourned to nearby Monrovia where Mr. and Mrs. Ken Fishel opened their home for a social gathering.

Bob Hodson, a JP who toured Europe this summer, was responsible for planning the menu which consisted of an exotic wine punch, salami, cheese, and sliced pineapple and coconut.

Pasadena Deadline: Next Friday's Rocketeer will be the last one to appear this year. The next one will be out on Jan. 8, 1960. The deadline for NOTS Pasadena material for the December 18 issue is 4:30 p.m. today.



One showing per night at 7 p.m. Two showings per night at 6 and 8 p.m.

TODAY DEC. 11: "TARZAN'S GREATEST ADVENTURE" (87 Min.) Gordon Scott, Sara Shane. SHORTS: "Popeye's Pappy" (7 Min.), "Fragrant Harbor" (10 Min.)

SAT. DEC. 12: MATINEE: "CAROLINE CANNONBALL" (74 Min.) Judy Canova. SHORTS: "Bear That Couldn't Sleep" (17 Min.), "Lost Planet" No. 3 (16 Min.)

EVENING: "HERE COME THE JETS!" (72 Min.) Steve Bradie, Lynn Thomas. SHORTS: "I'll Be Doggone" (10 Min.), "Winter Paradise" (20 Min.)

SUN.-MON. DEC. 13-14: "THAT KIND OF WOMAN" (92 Min.) Sophia Loren, Tab Hunter. SHORTS: "Spellbound Hound" (7 Min.), "High Colorado" (10 Min.)

TUES.-WED. DEC. 15-16: "THE NUN'S STORY" (154 Min.) Audrey Hepburn, Peter Finch. 6 and 8:50 p.m.

The dramatic portrayal of a young Belgian girl, who, against the wishes of her doctor father, enters the convent for a life of obedience, chastity, and poverty. An outstanding film.

THURS.-FRI. DEC. 17-18: "YELLOWSTONE KELLY" (91 Min.) Clint Walker, Edward Byrne. Trapper Yellowstone Kelly refuses to act as scout for an Army attempt to drive the Custer back to the Dakotas, shortly after the Custer massacre.

SHORTS: "Gopher Broke" (7 Min.), "Silver Blades" (10 Min.)

SATURDAY DEC. 19: ANNUAL CHILDREN'S CHRISTMAS PROGRAM 2 p.m. Open to all children under 12 years old with a Theatre pass. Cartoons, Clown Act, and favors.

EVENING: "BOBBINKINS" (89 Min.) Max Bygraves, Shirley Jones. SHORTS: "Misunderstood Giant" (7 Min.), "Sportsman Holiday" (10 Min.)

Group Health Insurance Agent Goes on Leave

The Group Health Insurance representative for claims information will be on leave from her office in the Housing Office Building from Monday, Dec. 21, through Monday, Dec. 28. Collections will be accepted as usual during her absence.