

# Community Orchestra Sets Winter Concert Dec. 15

For the second major offering of the 1972-73 season, the Desert Community Orchestra will present a varied program of musical masterpieces on Friday, Dec. 15. The program, entitled "Winter Concert" is scheduled to begin at 8 p.m. at the Burroughs High School Lecture Center.

Dr. Charles H. Wood, the conductor, will lead the orchestra in selections from Stravinsky's "Firebird Suite" and from Minotti's "Amahl and the Night Visitors." Featuring vocal soloist Joanne Purtle, the concert also will include the Jewel Song from "Faust" by Gounod, the Lover's Waltz from Gounod's "Romeo and Juliet," and the Waltz Song from "La Boheme" by Puccini.

## Entry Deadline Extended For Yule Parade

The deadline has been extended to Monday, Dec. 4, for submitting applications for entry in the third annual Indian Wells Valley Christmas Parade, which is coming up on Saturday, Dec. 9, in Ridgecrest.

Parade entry forms can be obtained at the ROCKETEER office, or from the Ridgecrest Chamber of Commerce, 141 Panamint St., Ridgecrest, and when completed must be returned to the CoC office.

The parade committee, headed by Bob Cartwright, has lined up a number of bands for this holiday season kick-off event. Musical groups slated to march in the procession include those from schools in the China Lake-Ridgecrest area, the Trona schools band, and the Army band from Fort MacArthur in San Pedro.

"Toyland" has been chosen as the theme of the parade. Local clubs and organizations are invited to enter floats, decorated vehicles, equestrian and novelty units. Military representatives, in addition to the Army band from Fort MacArthur, will include a color guard from the Marine Corps Supply Depot at Barstow and a drill team from Edwards Air Force Base.

Orchestra Association, and represent a considerable savings over single-concert ticket prices. Students and Navy enlisted personnel who hold season tickets (priced at \$1) are admitted to all of the season's concerts, while family season tickets are \$10. Individual concert tickets are \$1 for students and enlisted personnel, and \$2.50 for adults.

All tickets will be available at the Lecture Center box office preceding the Dec. 15 concert.

The Desert Community Orchestra provides the Indian Wells Valley with a major cultural highlight through live music, and offers local musicians and students the opportunity to expand their musical talents in an organized program of general public interest.

Supported in part through the facilities and courses of musical instruction offered by the Desert Campus of Bakersfield College, the orchestra's major operating costs are met through concert ticket sales, memberships in the Desert Community Orchestra Association, and by contributors interested in supporting the musical arts.

Special musical groupings also are offered for private parties, featuring portions of the orchestra—such as a string quintet. For details, interested persons should call Anna-Marie Bergens in the evenings, at 375-8342 or write to the Desert Community Orchestra Association, P.O. Box 5652, China Lake, Calif. (93555).

## Book Fair Slated At Local Schools

The combined Ridgecrest and China Lake Parent-Teacher Associations and the Inyokern Parents' Club are sponsoring a four-day Book Fair, to be held next week.

The Ridgecrest PTA will hold its Book Fair at the Las Flores School on Dec. 6. The Inyokern Parents' Club has set aside Dec. 7 at the Inyokern School for its event, and the China Lake PTA Book Fair is scheduled Saturday, Dec. 9, at Murray School with numerous books of all types for sale.

Books will be priced from 10 cents to \$4.95.



**WORK UNDER WAY**—Gene Richardson, a firefighter at the Naval Air Facility Fire House, repairs a bicycle that was donated to the "Toys for Tots" drive now under way. This annual joint U.S. Marine Corps-firemen sponsored program will culminate on Dec. 15. Residents of the Indian Wells Valley are asked to donate any repairable toy to this worthwhile cause. The toys will be repaired and distributed to unfortunate children in the local area. Persons with toys to donate may call NWC Ext. 3716, or they may drop the toys off at Fire House No. 1, located at the corner of King St. and Lauritsen Rd. —Photo by PHAN D. M. Jenereaux

## Toys for Tots Benefit Dance Planned Sunday

Lewis Talley (with Merle Haggard and the Strangers), will headline a talented list of entertainers slated to play for a "Toys for Tots" dance, on Sunday from 1 to 11 p.m. at Joshua Hall, the permanent exhibit building at the Desert Empire Fairgrounds.

The dance, sponsored by NWC's Marine Corps Liaison Office, the local branch of the Marine Corps League and the NWC Security Department's Fire Division, has been divided into two segments—a teen dance from 1 to 5 p.m., and a dance catering to adults only from 6 to 11 p.m.

In addition to Talley, Henry Sharp, Del and Sue Smart, Wayne Paisano's Roadrunners, Susan Thomas and Mel Shannon, backed by Don McNatt's Country Gentlemen and a group called The Tempos will provide the musical entertainment for the adult portion of the evening.

Arden's and Challenge Dairies have contributed ice cream for those who attend the dance for teenagers. The Falcons and the Golden State Music Company will provide four hours of dance music for the younger set.

Only persons 21 years of age or over will be allowed admission after 8 p.m.

The price of admission is a new toy of equivalent value to \$1.50 stag or \$2.50 drag for military personnel or students, or \$3 single and \$5 couple for adults. Cash will be accepted.

Candidates for election to the COM board are Bob Campbell, Jim Gorrone, Bob Hillyer, Frank Catterm, Patricia Gordon, Grace Kelley, Lt. Charles Fitzgerald and Lt. Bill Siegel.

Special guest of honor will be Miss Susan Runge, the current Miss Ridgecrest-China Lake, and members of her court.

# SHOWBOAT

**MOVIE RATINGS**  
The objective of the ratings is to inform parents about the suitability of movie content for viewing by their children.  
**(G) - ALL AGES ADMITTED**  
General Audiences  
**(PG) - ALL AGES ADMITTED**  
Parental Guidance Suggested  
**(R) - RESTRICTED**  
Under 17 requires accompanying Parent or Adult Guardian  
**CS - Cinemascope**  
**STD - Standard Movie Screen**

FRI. 1 Dec.

**"MR. KINGSTREET'S WAR"**  
(STD 92 Min.)  
John Saxon, Tippi Hedren  
(Action Drama) John Saxon and his wife Tippi Hedren are land owners fighting to protect their spread in Africa during the revolution between the British and the Italians. (Rating not available)

SAT. 2 Dec.

**—MATINEE—**  
**"MISSION MARS"** (STD 89 Min.)  
Darren McGavin, Nick Adams  
**—EVENING—**  
**"DR. PHIBES RISES AGAIN"** (STD 92 Min.)  
Vincent Price, Robert Quarry  
(Horror Drama) Dr. Phibes tries to bring his wife back to life by finding a resurrection secret in ancient Egyptian civilizations. He contrives to explore pyramids and forbidden burial spots, but is defied by a 1,000-year-old man. (PG.)

SUN. & MON. 3-4 Dec.

**"COOL BREEZE"** (STD 103 Min.)  
Thalmus Rasulala,  
Raymond St. Jacques  
(Adventure Drama) Chief among those who use women are Thalmus Rasulala as an impossibly cool California hood breezing his way toward \$3 million in loot and disaster for most of his gang. (R.)

TUES. & WED. 5-6 Dec.

**"BLACULA"** (STD 93 Min.)  
William Marshall, Vonetta McGee  
(Horror) "Blacula" is an African prince who made the mistake, back in 1815, of asking Dracula to sign a petition abolishing slavery and was turned into a vampire for his trouble. (PG.)

THURS. 7 Dec.

**"MOVING TARGET"** (STD 92 Min.)  
Ty Hardin, Michael Rennie  
(Drama) Jason is an internationally known thief. He has just been flown into Athens to be transferred to another prison, when he escapes with the help of an unknown party. He makes good his escape only to be captured again, but this time by the band of men who helped him get away from the airport. (Rating not available)

FRI. 8 Dec.

**"NAPOLEON AND SAMANTHA"** (STD 92 Min.)  
Michael Douglas, Will Geer  
(Drama) Michael Douglas is recruited by an orphaned boy who wants to bury his grandfather, hide his pet lion from the neighbors, and run off with his seven-year-old playmate. (G)

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# nwc rocketeer

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China Lake  
California

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# Workshops Conducted To Study Reduction in Vehicle Accidents

After spending a weekend in San Diego, a young China Lake resident in a 1966 Plymouth sedan was on his way back home. He stopped in San Bernardino to give a friend a ride.

While getting gas he noticed his tires were rather worn and made a mental note to buy some new ones on payday. He then went to a bar where his friend had promised to meet him and drank a couple of beers. While there, the friend called and invited him to a swinging party. He joined the party and drank two scotch and sodas and ate some party food (dips and chips, etc.).

After one more drink at approximately 1:30 in the morning, the two left for China Lake. The roads were slightly wet from a light sprinkle of rain.

About 30 miles from San Bernardino, the driver became drowsy and wanted his friend to drive, but his companion was asleep.

Suddenly, he was in trouble and a two-car collision occurred.

According to the driver, "... this car came around me to pass at a point where the road curved to the right. I wasn't aware of the other car was there at first and it got pretty close to my car. The only thing I could do was slam on the brakes. The cars hit and we both overturned in the ditch."

According to the driver of car No. 2, the accident occurred this way — "I came onto a car ahead and when I could see far enough ahead I attempted to overtake. Just as I got about three-quarters of the way beside it, the other car moved over toward mine and hit



**WIPED OUT**—Accidents such as this one, (described in the accompanying story) and its causes, are currently being discussed in a workshop of safety experts dedicated to reducing the off-duty military vehicle accident rate by 50 per cent. Led by K. S. Skaar, chairman of the local Safe Driving Council, the eight-man workshop has established goals, identified obstacles to attaining the goal and developed ideas as to how best to reach the intended 50 per cent reduction in accidents.

my car on the side. We both rolled."

What was the cause of the accident? What contributed to the accident? If you were the young China Lake driver, how could you have kept the accident from happening?

This and other accidents are discussed when members of the Mojave Desert Chapter of the Federal Safety Council get together in a workshop to study the frustrating problem of how to reduce the number of off duty military vehicle accidents.

K. S. Skaar, chairman of the Federal Safety Council, and head of the NWC Safety Department, and members of the workshop, H. W. Smith and Bill O'Lavery, Edwards Air Force Base; J. L. Quinn and Norman Salsman of the Marine Corps Supply Center, Barstow; M. J. Booker and E. R. Hannan of the Twenty-Nine Palms Marine Corps Base; William Sweetman of George Air Force Base, and A. D. Wiruth and E. J. Hise of China Lake, look at problems which are common to all four military organizations.

Skaar, in opening the workshop, mentioned that on the job, behavior can be controlled, but during off duty hours, the man is his own control. He went on to say that some people who have had accidents in off-job situations often are troubled by a variety of social problems.

At other times, accidents may be attributable to fatigue, a lack of knowledge, or a lack of skill, or drug usage. He added that perhaps the goal of the workshop should be to reduce the present number of off duty accidents.

Persons in these precedence levels who are interested may file applications for these quarters. Names of applicants will appear on the December waiting list.

—Photo by PH2 D. W. Yeatts



**SUCCESS STORY**—The happy smiles of William J. Baker (at left), chairman of the Combined Federal Campaign, and Harold Moore, treasurer, indicate their feelings about the results of the recently concluded fund drive. Contributions of Naval Weapons Center employees fell just short of the \$80,000 goal—hitting a total of \$76,844.26. The illustrator whose poster work tells the story was Pat Gallup.

# Contributions to CFC Hit Peak of \$76,844

Contributions to the 1973 Combined Federal Campaign have climbed to a final total of \$76,844.26, it was reported this week by William J. Baker, chairman of the annual fund drive.

"While we didn't quite reach our goal (\$80,000), we did bring in more money than last year's total (\$75,100), even though a smaller percentage of Naval Weapons Center employees contributed to the CFC this time," Baker noted.

Contributions in the form of outright gifts and payroll deduction pledges will help support the varied programs of 28 deserving agencies included under the banner of the Indian Wells Valley United Fund, National Health Agencies and International Service Agencies.

While the Combined Federal Campaign has been officially concluded, there is still the possibility that late contributions may boost the total over the \$80,000 mark, Baker added. Prospective donors may still participate in the CFC. Information on how and where to make donations can be obtained either from Marion A. Carter, phone NWC ext. 3575, or from Baker, call NWC ext. 2053.

Three groups of Center employees deserve special recognition for their generous 100 per cent support of the Combined Federal Campaign, Baker commented. The codes and the CFC keymen involved are: Code 14, personnel associated with the NWC Technical Officer, Lcdr. John Millikin, keyman; Code 22, the Safety Department, Paul A. Donaldson, keyman; and Code 95, the office of the Patent Counsel, Anna Hinz, keywoman.

The highest employee participation by one of the Center's larger departments was found in the Supply Department, where 83 per cent of the personnel donated to the Combined Federal Campaign. The keyman in Code 22 was Glen Harbin.

(Continued on Page 3)

# Navy Man Wins Drag Race Event

A topnotch performance was turned in last Saturday at the Orange County International Raceway in Irvine by an enlisted man from the Naval Weapons Center who "shut down" all other entrants in a special drag racing event for Navy personnel.

Billed as "Drag Racing's Salute to the U.S. Navy," the two-day event (Nov. 24-25) drew a field of drag race enthusiasts representing Fleet and shore commands, as well as other competition between top fuel dragsters, funny cars and stockers who vied for cash prizes.

Seven time trial and four competitive runs down the quarter-mile drag strip were made by Aircontrolman 2nd Class John Stewart, from the Naval Air Facility, in his 1971 Plymouth Roadrunner before he finally emerged as the best of the Navy's

(Continued on Page 3)



**SAFE DRIVERS WIN AGAIN**—Capt. W. H. Sturman, NWC Public Works Officer (center), presents a first place certificate from the National Safety Council to Bobby R. Brown, head of the Operations Branch in the Public Works' Transportation Division. The certificate signified that Brown's group had taken another first place award (the sixth in eight years) in the Council's annual safe driving contest, held among all Federal government agencies. Competing in the 50,000-100,000 miles per month category, the Operations Branch had only one accident in 537,933 miles driven to win the coveted award. Thomas W. Boyd, right, Transportation Division head, looks on. The period covered in the competition was July 1, 1971, to June 30, 1972. NWC has been competing for just the past eight years for this honor and, in addition to the six first place awards, also has won a second and a third place certificate.



**AIRLIFT FOR SANTA**—With an assist from a Navy helicopter, piloted by Maj. Ben Rinehart, USMC, Santa Claus arrived in 20th century style last Friday morning for his initial visit to the Sierra Vista Shopping Center in Ridgecrest. On this school holiday, Santa's arrival was witnessed by a throng of youngsters and their parents. Thanks to arrangements made by the Ridgecrest Chamber of Commerce and the Roadrunners—a merchant group in Ridgecrest—old St. Nick had gifts of candy for children, who also were invited to discuss their Christmas gift list with him. —Photo by PH1 D. C. Manderscheid

From _____	PLACE STAMP HERE
TO _____	





"HOLIDAY SPLENDOR"—The three women shown above are modeling fashions that will be on display during the 10th annual Beta Sigma Phi fashion show, to be held Monday and Tuesday, Dec. 4 and 5, at 8 p.m. at the Commissioned Officers' Mess. Tickets, priced at \$2.25 per person, can be obtained at Mary Sue's Dress Shop, Senn's Coiffures, Blount's Shoe Store, The Flower Shop, and at Barton's Men's Store—all in Ridgcrest. Proceeds will be used to help support various service projects engaged in by members of Beta Sigma Phi. Music for the show will be provided by Paul Riley, at the piano, and Michael Garreff, on the drums. The models in the photo are (l.-r.): Pat Homer, Donna D'Anza and Kay Adams.

PROMOTIONAL OPPORTUNITIES

Applications for positions listed in this column will be accepted from current NWC employees and should be filed with the persons named in the ad. All others desiring employment with the Naval Weapons Center may contact the Employment Division, Code 452, Extension 2049. Current applications (SF-171) or Standard Form 1972 should be submitted bringing your work history up to date if one has not been submitted within the last 6 months. The fact that positions are advertised in this column does not preclude the use of other means to fill these positions. Part of the ranking process of those rated as basically qualified will be a supervisory appraisal form that will be sent to the employees present and most recent previous supervisor. Selection shall be made without discrimination for any nonmerit reason.

Clerk-DMT, GS-314-3 or 4, PD No. 7140033. Code 4094-4095—This position serves two branches in the Electro-Optical Systems Division, Weapons Development Department, the Advanced Design Branch (Code 4094) and the Systems Integration and Evaluation Branch (Code 4095). Provides technical assistance to branch personnel and supervisors. Prepares technical notes, reports and correspondence from handwritten and rough draft copy or machine-dictated notes. Receives telephone calls and official visitors, answers non-technical questions involving branch operations, makes travel arrangements, keeps meeting and travel calendars, assembles material for meetings, prepares stub requisitions, keeps active files of correspondence and project documents. Job Relevant Criteria: Demonstrated telephone reception skills, experience typing administrative and technical subject matter, dictating machine transcribing experience. Minimum Qualification Requirements: One year general experience for GS-3 and one year general and one year specialized for GS-4 in accordance with CSC Handbook X-118. Advancement Potential: May advance to GS-4. Mechanical, Electronics or General Engineer, GS-11, 12 or 13, PD No. 7240256, Code 4095—This position is located in the Systems Integration and Evaluation Branch, Electro-Optical Systems Division of the Weapons Development Department. The incumbent coordinates all activities required to conduct a flight test program of a major air to surface weapon systems. Consistent with grade level, duties include fiscal and technical planning, test procedure and report writing, data validation and analysis, coordinating the instrumentation and testing of systems and system components, coordination of project schedules with aircraft availability schedules; determination of hardware availability; assurance of compatibility of aircraft hardware interfaces; coordinating aircraft range activities, camera coverage of test events, and radio frequency availability. Job Relevant Criteria: Experience in instrumentation planning and familiarity with data acquisition and recording systems. Flight test experience and demonstrated ability to plan and coordinate efforts across organizational lines and technical disciplines is essential. Minimum Qualification Requirements: As defined in CSC Handbook X-118. File applications for above with Elizabeth Sodergren, Bldg. 34, Rm. 204, Ph. 2676. Clerk-GS-301-4-5, PD No. 7285013, Code 8552—Sorts and distributes all incoming mail.

Food To Be Collected for Needy

Plans for their annual drive to collect canned food and other non-perishable food items that will be distributed in Christmas baskets for the needy were announced this week by members of the Gold Hashmark Club. Members of this top Navy petty officers' group will be calling at residences in the Center housing area (including Desert Park) for

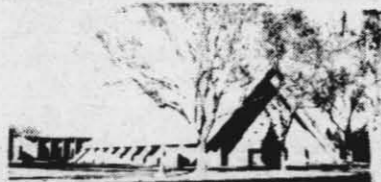
contributions on Wednesday and Thursday, Dec. 13-14, between the hours of noon and 4 p.m.

Added to the canned food that is collected will be turkeys that will be purchased with funds raised by the Gold Hashmark Club.

Christmas baskets for the needy will be assembled and distributed by the NWC chaplain.

The Rocketeer

Official Weekly Publication Naval Weapons Center China Lake Lake, California RADM. Henry Suerstedt, Jr. NWC Commander



DIVINE SERVICES

PROTESTANT 1015 Sunday Worship Service 0900 Sunday School—All Ages 1130 Wednesday Noon Bible Study Sunday School Classes are held in Chapel Annexes 1, 2, 4 (Dorms 5, 6, 8) located opposite the Center Restaurant. Communion Service first Sunday of the month.

ROMAN CATHOLIC MASS 1700 fulfills Sunday obligation 0700 0830 1130

BLESSED SACRAMENT CHAPEL MASS 1135 Daily except Saturday 1135 1700 First Friday only

CONFESSIONS 1545 to 1645 0800 to 0825

CCD CLASSES 1015 Sunday Kindergarten thru 6th grades 1900 Wednesday Seventh and 8th grades Above classes are held in Chapel Annexes across from Center Restaurant.

As announced Ninth thru 12th grades "In Home" Discussion Groups Monthly Youth Rallies Contact Chaplain's Office for specifics.

JEWISH SERVICES EAST WING- ALL FAITH CHAPEL Friday 1st and 3rd ONLY 2000 Sabbath Services 0900 Saturday Sabbath School

UNITARIANS CHAPEL ANNEX 95 1930



Don R. Yackey Editor Jack C. Lindsey Associate Editor Jeanne Schreiber Editorial Assistant

PH1 D. C. Manderscheid, PH2 G. L. Taylor PH2 D. W. Yeatts, PHAN D. M. Jemereaux PHAA Shellie K. Borders Staff Photographers DEADLINES: Tuesday, 4:30 p.m. Photographs Tuesday, 11:30 a.m. The Rocketeer receives American Forces Press Service material. All are official U.S. Navy photos unless otherwise identified. Printed weekly with appropriated funds by a commercial firm in compliance with NAVEXOS P35, revised July 1958. Office of Nimitz and Lauritsen. Information published in the Rocketeer does not necessarily reflect the official views of the Department of Defense. Phones 3354, 3355, 2347



MUSICIANS REHEARSE—Susan Erdmann, Carl Helmick and Joan Fowler (l.-r.) are shown at rehearsal for the annual All Faith Chapel's Christmas Concert, slated to be held on Sunday, Dec. 10, at 4 p.m. at the Chapel. The musicians, along with Shirley Helmick at the organ, will play three numbers during the program, which includes a new cantata and several all-time favorite Christmas melodies. Everyone is invited to attend and admission is free.

Three Choirs To Join In Christmas Music Cantata

Three outstanding choirs of the local area will join together on Sunday, Dec. 10, at 4 p.m. in the All Faith Chapel to present a new cantata, "The Year of Our Lord," written by Jeana and Robert Graham, and a program of outstanding Christmas music. The choirs of the Grace Lutheran Church, Cerro Coso College and the Protestant congregation of the All Faith Chapel will all sing under the direction of Ray Blume, conductor of the college group.

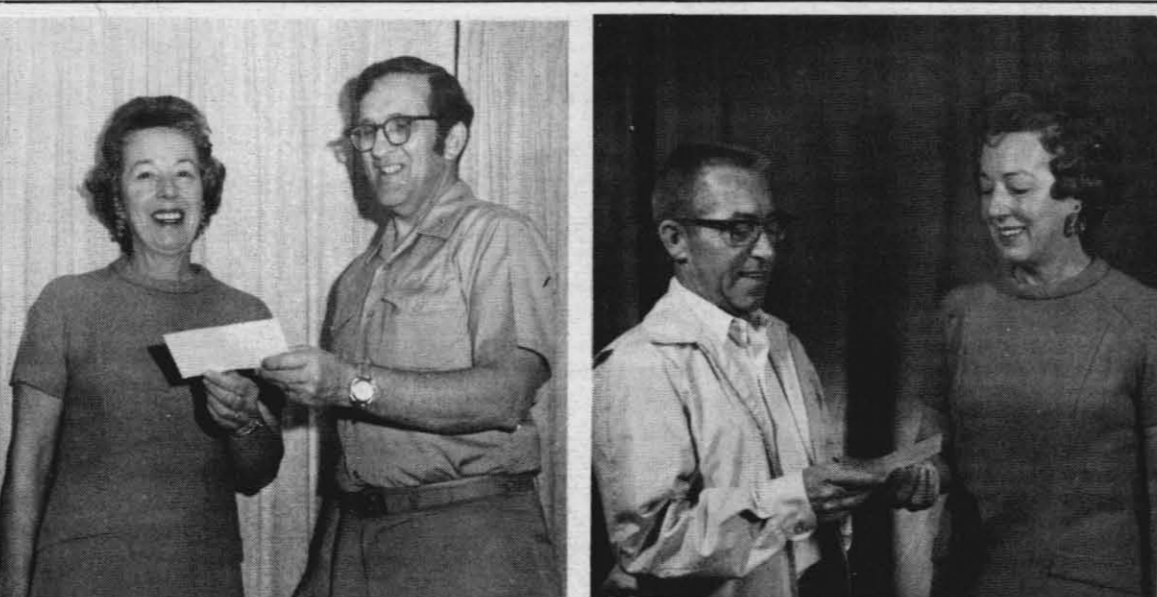
Accompaniment for the program will be provided by Shirley Helmick at the organ, Joan Fowler on the harpsichord, Susan Erdmann playing the flute, and Carl Helmick playing the cello. Chaplain Robert E. Osman will narrate the Christmas offering.

A tapestry of Christmas sound will be woven by such outstanding soloists as Greg Erdmann, singing the beautiful Bach arrangement of Johann Schop's "Jesu, Joy of Man's Desiring," and Dovie Leonard and Marlys Melsted teaming together to sing Vivaldi's "Laudamus te" from the Gloria and also Handel's "He Shall Feed His Flock," from the Messiah.

Those attending the seminar will be welcomed by Capt. D. W. Alderton, NWC Deputy Commander, who will then turn the meeting over to Cdr. C. D. Brown, head of the Command Administration Department.

Purpose of the meeting, which is open to all retired military personnel, is to review the benefits and privileges of those who have retired from the military service.

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THRIFT SHOP AIDS NAVY RELIEF AND CFC—Alice Zilmer, treasurer for the Thrift Shop, spent a busy week presenting checks for \$1,000 each to the Navy Relief Fund and the Combined Federal Campaign. (At left) Chaplain Robert E. Osman received a \$1,000 check to be added to the Navy Relief general fund at the Long Beach Navy Relief Auxiliary. This is the second check received this year by the Navy Relief from the Thrift Shop and also the largest they have ever given. The local Navy Relief unit is a branch of the Long Beach Navy Relief Auxiliary, where a regular bank account balance is maintained so that adequate funds will be available for use here at all times. The Center is never limited to this balance, however, as whatever is needed is added by the Long Beach Auxiliary Fund. (At right) Hal Moore, treasurer for the Combined Federal Campaign, is the happy recipient of a second \$1,000 check from the Thrift Shop. The CFC offers everyone the chance to donate to one or all of 28 deserving agencies in the Indian Wells Valley United Fund, National Health Agencies and the International Service Agencies. Throughout the year, women of many organizations give hours of their time to operating the Thrift Shop and regular donations are made to charitable funds from the shop's proceeds.

Employee In The Spotlight

Bob Briley is a man on the move. Bursting with energy and drive, the Salt Wells Machine Shop foreman has risen quickly in his chosen line of work.

Bob was born in Washington, D.C., and was graduated from Fairmont High School at Chapel Oaks, Md. He entered the Apprentice Machinist Program in 1957 at the Naval Weapons Plant, in Washington, but transferred to the Naval Ordnance Plant at York, Pa., in March 1958.

"That was to get out from under a RIF (Reduction in Force)," he grinned. In February 1959, Bob returned to Washington and completed the apprentice machinist courses in 1961, graduating second in his class.

"That program was one of the best things that ever happened to me," Bob enthused. "I couldn't afford a formal education, and besides, I always wanted to be a machinist," he added.

While studying under the program, Bob was educated in such subjects as Naval industrial organization, physics, English, trade theory, mechanical drawing, mathematics, and many others. After his graduation he moved to the Naval Ordnance Test Station (now NWC). That was on Sept. 20, 1961.

Bob began work here as a machinist in the Engineering Department's Mechanical Division (Code 5545), where he has been since that time. He was promoted to toolmaker on Aug. 4, 1963, and then was made a leader toolmaker in 1970 and in May, 1971, he became foreman of the grinding section. This past April, he was promoted to the post of foreman model maker at the Salt Wells machine shop.

Bob has applied his knowledge and expertise to his work so successfully in the past that he has received four commendations, three letters of appreciation and four Sustained Superior Performance awards in the 11 years he has been at NWC. In addition, he shared in a group achievement award and states his most prized possession is a letter of commendation he received for work he performed on Dr. William B. McLean's Sidewinder model.

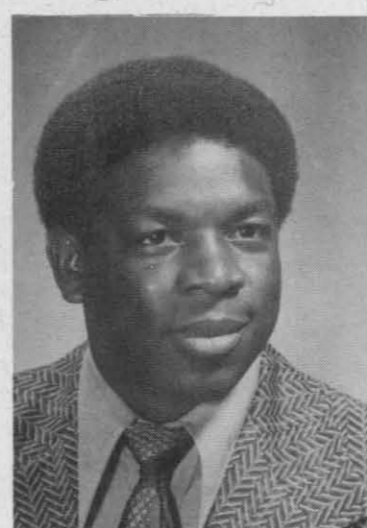
Bob was appointed to the Equal Employment Opportunities Committee in October, 1967, but dropped the appointment in June, 1971, after his promotion to foreman. "I just didn't have the time any more," he explained.

However, Bob recently was detailed as the EEO coordinator in the NWC Personnel Department, working directly under Ray Harrison, the department head. "This is interesting and very satisfying work," Bob said. "I hope to continue in the position, which has been recently established by direction of Secretary of the Navy John W. Warner," he added.

Bob feels that, as the EEO coordinator, he can "... work within the present system to gain the goals of equal employment and promotion for all minorities."

He has a background of representation, having served as president of the local International Association of Machinists, Lodge 442, in 1968-69, and as shop steward from 1965-68.

In addition, he has served on



Robert M. Briley

various committees of the United Methodist Church and was a Webelo den leader of Pack 3 from 1968-71. He also holds membership in the local chapter of NAACP.

The only social organization that Bob belongs to is the Winston Lodge 62 of the Masonic Lodge, in Ridgcrest.

He and his wife, Shirley, whom he met at Lincoln, Md., while Shirley was still attending high school, have four children — Robert II, 12, Donnel 10, Kimberly 7, and Twyla 4.

Bob spends a great deal of time with his family, hiking, camping ("I'm still a tenter"), motor-cycling and sightseeing in the outdoors. Robert II is a member of the Methodist Youth Fellowship, which keeps his dad pretty busy, too, and also plays on the Murray School flag football team. Both young Robert and Donnel have competed in Little League—Robert on the Rangers last year and Donnel with the Cubs. Dad is an interested spectator.

Kimberly is involved with Brownies and helps her mother around the house. The family pet, Duke, a Labrador retriever, has been taken over by Twyla. "They're good buddies," said Bob. Shirley sings in the Methodist Church choir and likes to work out at the gymnasium.

With the Briley family, "togetherness" is more than just a word. "It's a way of life," Bob commented.

Access to NWC Tech Library Still Restricted

The recent move of the Naval Weapons Center's Technical Library from a restricted area (Michelson Laboratory) to a building where no apparent access restrictions exist has not meant a change in the regulations covering use of the Technical Library.

As in the past, use of the NWC Technical Library continues to be restricted to NWC employees on official business and others by special arrangement only.

NWC passes must be worn in plain sight by employees or contractor personnel using the library. The NWC Technical Library is available for the use of any employee, regardless of the level of his or her clearance, but uncleared personnel must be escorted.

The Defense Documentation Center terminal, formerly located in the basement of the Administration Building, is now in operation in the Technical Library building, which is located just off Blandly Ave. at Hussey Rd.

Drivers Urged To Be on Lookout For Pedestrians

Two near-miss incidents in which motorists have had to hit the brakes hard in order to avoid striking a pedestrian brought a reminder this week from the NWC Safety Department urging drivers to be on the lookout for pedestrians—now that it is beginning to get dark in the late afternoon.

The California Vehicle Code, which is followed on the Center, states that the driver of a vehicle shall yield the right of way to a pedestrian crossing the roadway within any marked crosswalk or within any unmarked crosswalk at an intersection.

Pedestrians, too, must exercise care and caution because the Vehicle Code also states that every pedestrian upon a roadway at any point other than within a marked crosswalk or within an unmarked crosswalk at the intersection, shall yield the right-of-way to all vehicles on the roadway.

However, since some small children may not have read the Vehicle Code, Section (b) covers them by stating that other provisions of the law shall not relieve the driver of a vehicle from the duty to exercise due care for the safety of any pedestrian upon a roadway.

Most motorists are defensive drivers and are prepared to stop for pedestrians—especially at busy areas or where children are crossing. Some do need to be reminded occasionally, however, that in comparison with a moving vehicle, a human is frail. In an accident of this kind, the pedestrian is the one who will get hurt.

See Counselor For Advice on Health Benefits

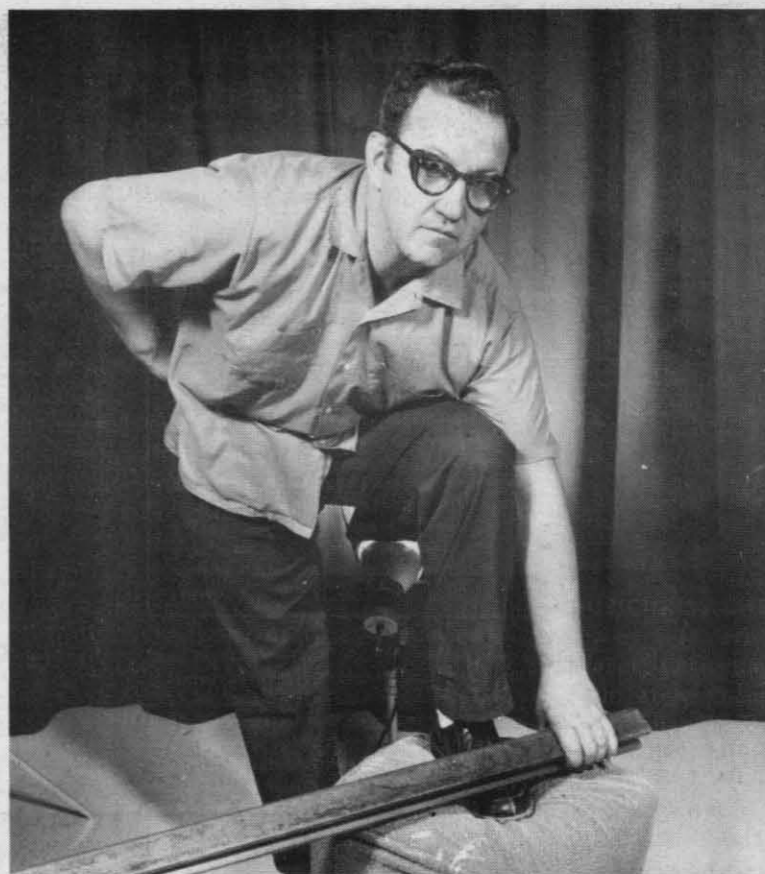
Navymen and their families are urged to first consult a health benefits counselor for answers to questions concerning entitlements to health benefits under the Uniformed Services Health Benefits Program.

This precaution may prevent later inconveniences and financial hardships. For example, many members believe that their dependent parents and parents-in-law are eligible for care in civilian facilities and act accordingly; however, they are not eligible.

Bowling . . .

(Continued from Page 6)

619 series, while Bobby Kochman racked up a 615 series with games of 223 and 215 and Joe Kokogenski ran a 249 game into a 613 set. Tom Zurn rolled a 246 game and finished with a 610 series. Jeff Mattick shot a 242 this week to go with the 640 series he rolled on Nov. 20 to lead the league. Mattick's score two weeks ago came behind a triple-200 effort that included games of 214, 214 and 212.



PAINFUL FOOT INJURY PREVENTED—John G. Wardell, an instrument maker in the Shop Branch, Mechanical Division of the Engineering Department, was a recent recipient of the Golden Shoe Award following an accident that could have seriously injured his left foot. Arriving on the job one morning, Wardell removed his coat and with it caught a 40 lb. piece of metal in the process, causing the heavy bar to roll off the bench onto his foot. The weight of the metal bar dented the steel tip in the toe of his safety shoe, but outside of a small bruise on the foot, wearing the safety shoe prevented a painful injury from occurring. This is the second time in 20 years that Wardell has avoided a lost time accident by wearing his safety shoes on the job. While wearing the shoes did not prevent the accident, it minimized a disastrous injury. The Golden Shoe Award is given to workers in all industries who wear safety shoes and who submit evidence that the safety shoes prevented a foot injury. —Photo by PH1 D. C. Manderscheid

Opportunities...

(Continued on Page 2)

recording the receipt of the 110 magazines and newspapers currently received by the Center Library. The incumbent organizes and maintains an extensive file on book jackets and other display materials. Assists patrons in locating required information, checks out books, pamphlets and magazines to patrons and assists them in using the reference collection. Minimum Qualification Requirements: 1 year general for GS-3; 1 year general and 1 year specialized for GS-4; 1 year general and 2 years specialized for GS-5, as outlined in X-118. Job Relevant Criteria: Experience in the appropriate work.

File applications for above with Dora Childers, Code 457, Rm. 210, Ph. 2032.

Supervisory Fire Fighter (General), GS-081-06, 2 Vacancies, PD No. 784009, Code 842—This position is that of crew chief. The incumbent will be responsible for a major piece of motorized fire fighting apparatus and its crew, answers fire alarms, instructs crew in operation of fire equipment in all phases of fire fighting, directs the fighting of fires in the absence of higher authority. Minimum Qualification Requirements: Three and one-half years of fire fighting experience and at least six months of which will be at the next lower grade. Applicants should demonstrate supervisory aptitudes. The list of candidates ranked from this announcement will be used to fill Supervisory Firefighter GS-081-6 vacancies until a new list is established in July of 1973.

Clerk-Typist, GS-322-3 or 4, PD No. 7250126, Code 5035—This position is located in Development Division I and provides clerical support to Fuze Project Branches IV and V. Codes 5034-5035. Major duties include typing letters, technical articles and reports; maintaining records; scheduling appointments; and receiving visitors and telephone calls. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Shorthand or DMT experience is desirable, but not required. Job Relevant Criteria: Must be qualified typist. Must be familiar with Navy correspondence procedures.

File applications for above with Charlotte Sieckowski, Bldg. 34, Rm. 204, Ph. 3118.



Dr. Floyd S. Hall

Ph.D. Awarded To Floyd Hall

A Ph.D. in geophysical engineering has been awarded to Floyd S. Hall, head of the Infrared Weapons Systems Branch of the Weapons Development Department's Infrared Systems Division.

The recipient of an NWC Fellowship for advanced study, Dr. Hall five years ago began work on his doctorate, which was awarded to him by the University of Missouri at Rolla.

An NWC employee for 10 years, Dr. Hall came here shortly after receiving his BS degree in electrical engineering from the Missouri School of Mines and Metallurgy. He also has a Master's degree in electrical engineering that he received in May 1966 from the University of Missouri at Rolla.

For his doctorate, Dr. Hall prepared a dissertation on "A Numerical, Time Domain Solution for the Response of a Gimbal Supported Gyro."

Dr. Hall and his wife, Barbara, have two children—a son, David, and a daughter, Constance.

Golden West Flight Schedule

Effective Nov. 30, 1972

Table with columns: Flight No., Leave, Arrive, and days of the week. Includes flights 903, 904, 906, 903.





By Jack Lindsey

The China Lake Golf Club held its annual election of officers last Wednesday evening at the clubhouse.

Ed "Fast Eddie" Donohue was elected to the office of president for the 1973 season. His board of directors for the year includes Chris Petersen, vice president and tournament chairman; Ed Nelson, re-elected to the post of treasurer for the fourth straight year (it is rumored that his "books" consist of a 3-ft. high stack of little white papers with numbers written on them), and myself as the secretary.

Bob Hooper and Ken Marcus were voted in as board members—Hooper to serve a one year term and Marcus for two years.

Wally Bruce cast the lone dissenting vote against Fast Eddie (which he later withdrew in order that Ed might be elected "by acclamation"). It seems that Wally is concerned that his golfing partner's handicap will go to pieces under the pressure of the job.

The two were observed later in the evening in a heated discussion over their golf cart. Wally wants to paint his side of the cart pink. Should be a fun year.

Some time ago Dick Craney bowled a 620 series and his secretary never informed this newspaper, so here it is. Say goodnight, Dick.

### Youths Invited To Register For Basketball

Registration for the 1972-73 Youth Center basketball program is now under way and will continue through Dec. 11, Carol Hape, Youth Center director, announced.

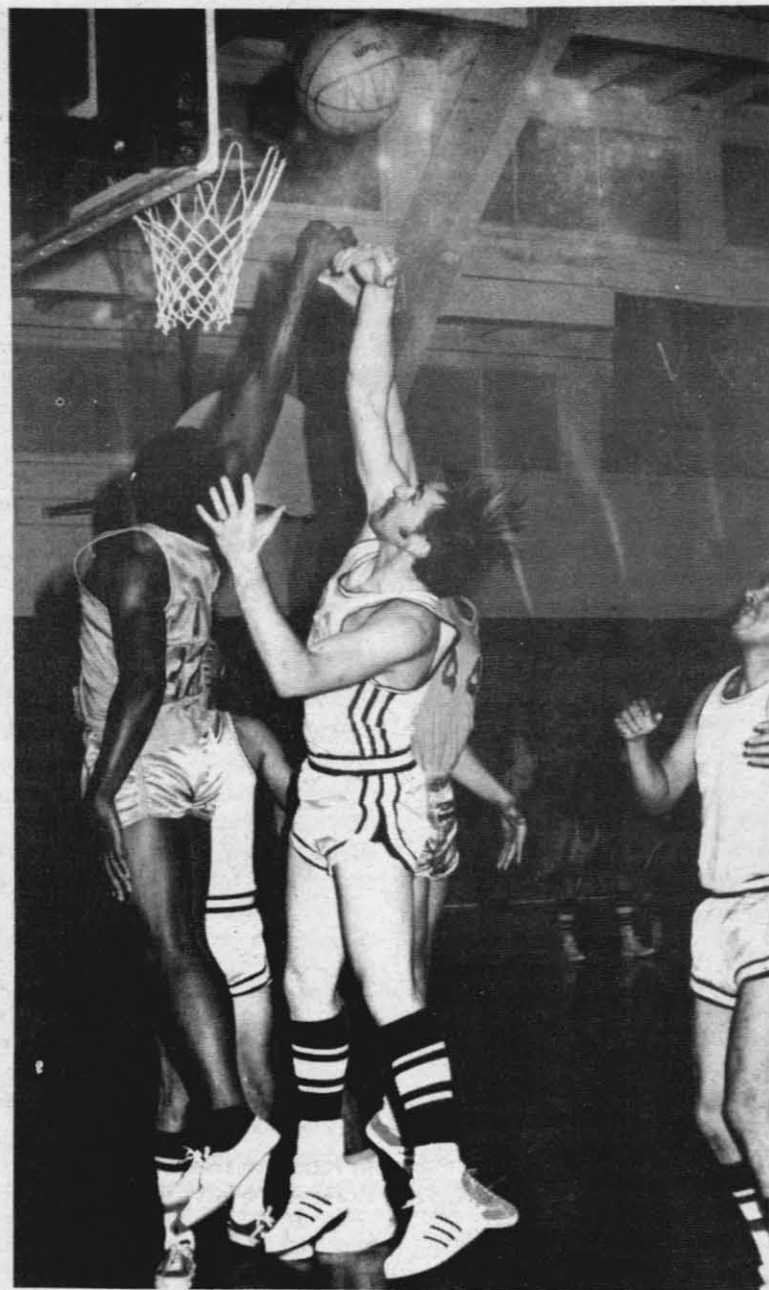
Boys 7-1/2 through 17 years of age (as of Jan. 1, 1973) are eligible to participate in the program.

Three leagues are planned — an Instructional League, for novice players; the Intermediate League, composed of two divisions for more experienced cagers; and the Senior League, in which participants will play under the same rules as high school hoopers.

Registration fees are \$7 for non-Youth Center members and \$4 for members. If two youths from the same family (non-members) register, the fee is \$12.50, and if more than two register, the total fee is a maximum of \$15.

The fee for Youth Center members is \$7 for two or \$10 for more than two (of the same family), regardless of the number of registrants.

A \$3 uniform deposit also will be required of all participants.



**BASKETBALL BALLET**—Athletics often combine the grace of ballet and the coordination of a seamstress. In the photo above, Robert Carter (light jersey, center), tries for a Loewen's basket while NAF defenders Ray Harrison (No. 37) and Steve Wilson (No. 44) seem to pirouette with him beneath the net. Richard Guerrero (right) of Loewen's awaits the rebound, while Gordy Irvin (under the basket) follows the flight of the ball. NAF defeated the Lions, 63-58. The action took place on the opening night of the China Lake Intramural Basketball League season last Tuesday in the Center gymnasium. —Photo by J. B. Hunt

### Exhibition Matches Signal Start of Basketball Season

Exhibition matches between squads of the NWC Varsity hoop team and between the Blazers and Loewen's Lions opened NWC Intramural Basketball League action at the Center Gymnasium on Wednesday, Nov. 22.

In a third match of the evening, the "Over the Hill Gang" played a rag-tag team made up of players from the "Gentlemen" and "40-Love" cage teams.

The Blazers upset the much-touted Loewen's Lions, 49-42, proving that the top rated Lions won't have it quite so easy this year. Cary Dabbs, with 10 points, and Dale Dowd and Richard Dominguez tallied 9 points each, to carry the Blazers past an over-confident Loewen's contingent.

The NWC Varsity squad, which will represent NWC in the MDISL basketball tourney Jan. 18-20, was slated to play an exhibition game with a similar varsity team from Edwards AFB at 7:30. However, when Edwards pulled a no-show, the All Stars were split up into two teams (Reds and Blacks) and put on an exciting exhibition for the fans. Lee Bess, of the Reds, plunked in 21 points to become high point man in the game. Benny McCargo totaled-up 15 points, scoring mainly on one-handed jump shots from the 20 ft. line. Jim Hinton and Greg Moore each netted 14 points for the Blacks.

In the game between the Over the Hill Gang and a team made up of players from the Gentlemen and 40-Love teams of the Rockin' Chair division, the "Gang" went down to defeat, 49-42. Tom Fortney, head of the Mojave Desert Officials' Association, received poetic justice of a kind when he was the first player to foul out of the game. Barry Kinman dunked 16 points for the Over the Hill Gang, while Bob Stedman scored 15 for the winners.

Basketball action continues next week with the Gentlemen vs. the Dirty Dozen at 6 p.m. Tuesday. The other games that night are Continental Telephone against Ace TV at 7:30 and Duke-72 vs. the NAF Officers at 9.

Next Wednesday will see NWC Communications vs. the Wallbangers at 6 p.m., Loewen's against the Varsity All-Stars in an exhibition game at 7:30 and the Dispensary will meet the Hustlers in the 9 o'clock game.

Thursday's action will pit the Ensigns against the Odds 'n Ends at 6 p.m., NAF goes against the Blazers in the 7:30 game, and the Tweets will attempt to down the Devastators at 9.

The Edwards AFB cagers, who literally destroyed the NWC Varsity All-Stars, but didn't show for the second game here, will host NWC's stellar hoopers once more next Friday, Dec. 8, at 7:30 p.m.

## The News Hunt

By J. B. Hunt



Lots of China Lakers will be journeying to Mammoth next weekend when the China Lake Ski Club sponsors one of its "Beginners' Weekends" Dec. 9 and 10.

The club leases a brand new cabin at Mammoth, available to club members for \$3 per person per night. The cabin is leased from now through April, with a maximum occupancy of 25 people at any one time.

The conditions at Mammoth Mountain are reported to be good with 39 in. of snow on the lower slopes, although recent activity has worn the powder down a bit. The upper lifts aren't in operation as yet, but as soon as a good snowfall hits the area the lifts will open.

The "beginners weekend" is a special deal to introduce people to the joys of skiing. For about \$50, a novice skier can stay at Mammoth two nights, receive meals, lift tickets, skiing equipment and two days of lessons.

These lessons for the novice at Mammoth Mountain Ski School feature the Graduated Length Method (GLM). GLM starts the beginner out on very short skis and moves him on to gradually longer skis — learning to execute turns and maneuvers with skill and confidence.

The Ski Club meets again on Tuesday, Dec. 19, in the Community Center at 7:30 p.m. The club is always on the look out for new skiers and members. Persons interested in their activities should call Bob Westbrook at 446-4551 or Ray Blackwell, president of the club, at NWC Ext. 3611.

### Final MDISL Flag Football Team Selected by Coaches

Cooperation between military and civilian athletes has been the keystone of China Lake Intramural sports competition over the years. An example of this rapport is the flag football team which has been entered in the Mojave Desert Inter-Service League flag football tournament at Edwards AFB which began yesterday and will continue through Sunday.

The Roaches, champions of the China Lake Intramural Flag Football League for 1972, have taken 11 of their team members and nine players from the four military teams that competed in the league, to Edwards for the tournament. Team members were chosen in a democratic manner, with the most able players in the league singled out to participate in the MDISL tourney.

Coaching the team representing NWC and doubling as middle line backer is Jerry Caffery of the Roaches. Other members of the civilian team on the tournament squad are: John Martin, end and defensive back; Buddy Phillips, defensive back; quarterback Randy Jaramillo; tight end Mike Sorge; halfback Richard Laselli; defensive back Richard Phillips; defensive guard Herb Pinto; flanker Mike Machowksy; defensive end Phillip Quinton; and Pete Hamby, a defensive guard.

Other scores in the league follow: Ralph Brown posted a 222 single game and Jeff Mattick recorded a 230, while Dave Reynolds scored with a 215. Lori Boyd led the distaff kelters with 202 and 221, culminating in a 582 series.

**Women's Scratch**  
Aiko White slammed out a 554 series to lead the scoring this past week in the Women's Scratch League. Peggy Ames nearly nipped her, hitting a 553 series that included a 207 game. Lou Richno registered a 202 and 542, matching Pat Brightwell's series. Maggie Branson blasted her way through to a 210-529 and Pat Maddux tallied 528 on the strength of a 221 single effort. Darlene Herbstreit came through with 527.

**Special Education**  
Rubeen Janes led the league for the second straight week, rolling a 384 last week and a 515 series' the week before. Janes' 515 was the first series total above the 500-mark this year for the league. He rolled games of 197 and 182 in the set.

**Lauren Eisinger's 360** was high for the girls this week.

**Wed. Noon Military**  
Jim Bowen put together a 622 series on games of 190, 195-227 to lead the scoring. Pete Germano racked up a 146 triplicate and will receive a patch for the difficult and elusive set.

**Premier League**  
Jim Brown toppled the pins at a 624 clip, including games of 229 and 205, to lead the scoring this past Monday. John Iti came up with games of 214, 211 and a

(Continued from Page 7)

service organization, its by-laws were amended recently to allow NWC to participate with a number of civilians on its teams, in recognition of their part in the total athletic program participation at the Center.

### Wilhorn Blasts Big 278 Game At Hall Lanes

John Wilhorn broke loose for a big 278 game and a 659 series while competing in the Military Ball & Chain League last week. The diminutive Hall Lanes desk man has really been turned on this season and his bowling scores keep going up and up.

Other scores in the league follow: Ralph Brown posted a 222 single game and Jeff Mattick recorded a 230, while Dave Reynolds scored with a 215. Lori Boyd led the distaff kelters with 202 and 221, culminating in a 582 series.

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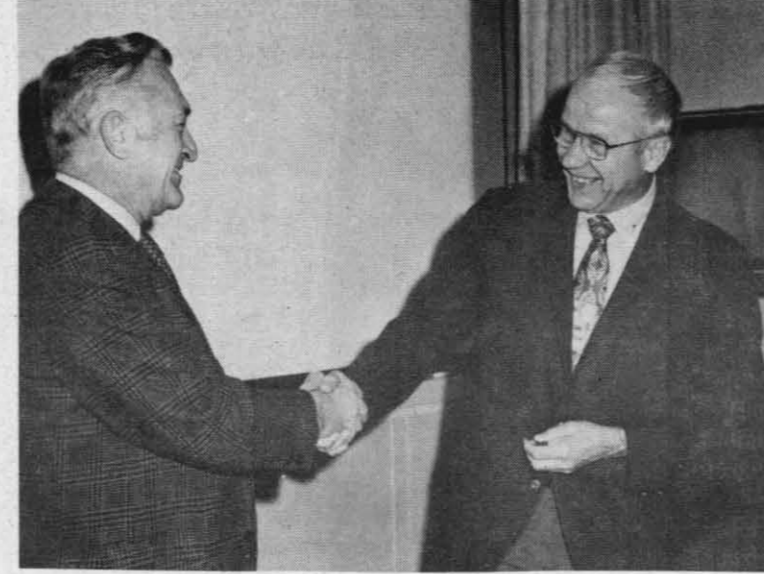
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(Continued from Page 7)



**RECEIVES 20-YEAR PIN**—Dr. Hugh W. Hunter (right), Assistant Technical Director for Research and head of the Research Department, is shown being congratulated by H. G. Wilson, NWC Technical Director, after receiving a 20-year Federal and NWC pin on Nov. 20. Dr. Hunter, who came to NWC in April 1948 after serving at NOTS, Pasadena in 1946, is a past winner of the L.T.E. Thompson Award (1971). He has served in his present job since March 1965. Prior to that time, Dr. Hunter was head of the Propulsion Department and head of Central Staff, and also has served in the past as associate head of both the Physics Division of the Research Department and the department itself. —Photo by PH2 D. W. Yeatts

### Accident Causes Studied . . .

(Continued from Page 1)

the number of off-duty vehicle accidents. Among these were the reduction of deaths and injuries to military personnel, preventing a loss of manpower for the command, better combat readiness and a saving of funds.

The cost of repairing vehicles following accidents also was mentioned. Here at China Lake, LCdr. J. R. Jackson, Shop Engineer for the Public Works Department, stated that in Fiscal Year 72, \$18,500 was spent on repair of Center vehicles. This averaged out to \$27 per vehicle for the year, in comparison to a norm of \$20 per vehicle Navy-wide. The \$20 norm includes many things not considered in the category of accidents—such as replacement of windshields.

In discussing the problems of accidents in this area, as compared to national statistics, a spokesman for the Safety Department stated that nationwide, two car collisions are the most common, with one car accidents being second in rate of frequency.

However, here on the desert, the most common cause of injury accidents has turned out to be one car mishaps in which the driver allows the vehicle to get off the road—either because of speed or incorrect driving technique—cannot get it safely back onto the road.

Collisions while backing up are a major cause of minor vehicle accidents, both nationally and here at NWC, the Safety Department spokesman added, while tailgating (following too closely) and passing or being passed unsafely appear to be the cause of approximately one-third of all freeway and highway accidents.

By identifying the problems, establishing a goal and combining all the information and know-how of the group it is hoped that the accident rate can be further reduced, not only at NWC but at other military installations participating in the workshop.

**DEADLINE ANNOUNCED**  
Millions of post-Korean Conflict veterans separated from service between Jan. 31, 1955, and June 1, 1966 have only until May 31, 1974, to complete their GI Bill schooling, VA announced recently.

### Results of CFC... (Continued from Page 1)

Also singled out for special mention for their support of the CFC were the employees of the Engineering Department. Although only 55 per cent of the employees in Code 55 contributed to the campaign, the givers were extremely generous as their combined gifts totalled \$11,803.50—the largest dollar amount to be collected from any single department on the Center, Baker pointed out. Ernie Cozzens was the keyman in the Engineering Department.

This year, fewer NWC employees gave to the Combined Federal Campaign than was the case in 1971. There was just 46 per cent participation in the CFC as compared to 51 per cent last year, Baker stated.

"I'd like to extend a 'thank you' to the many people who worked on this year's campaign," Baker continued. Those he singled out for thanks are Harold Moore, CFC treasurer; Stan Reynolds, publicity chairman; Elizabeth Babcock, newspaper publicity writer; Elizabeth Anderson, radio publicity writer; Gerry Baker, Nancy Hoyem and Phelps Terheune, who contributed their talents to reading the radio scripts; Hazel Coleman, who prepared the CFC brochures; Gabe Imer, theater publicity; and Terry Carter and Marion Carter, who kept track of the day-to-day tabulations of donations and who handled the necessary paperwork.

Baker also expressed appreciation to the ROCKETEER staff and to Patty Grafel, of the Daily Independent for their cooperation.

"I'd like to give a special big thanks to all keymen and their assistants, as they were a vital link in this campaign," Baker concluded.

### Assessments Due Following Death Of Ex-Employee

Assessments are now due from members of the China Lake Mutual Aid Society and Government Employees Benefit Association following the death of Edwin Shaw, an ex-chief foreman in the NWC Public Works Department.

Shaw, who was 52 years old, died of a heart attack in Wofford Heights on Nov. 17.

Larry Mason, secretary of CLMAS-GEB, has asked that members contact their department representatives regarding payments Nos. 264 and 192.



**"SAFE" DEPARTMENTS HONORED**—Dr. Walter B. LaBerge (left), NWC Deputy Technical Director, recently had the honor of presenting Certificates of Merit for 500,000 man hours without a disabling work injury in their departments to Dr. I. E. Highberg (on Dr. LaBerge's left) and to Leroy Riggs (2nd from right). Dr. G. W. Leonard, head of the Propulsion Development Department, received a Significant Achievement Award for 1,000,000 man hours. Dr. Highberg is head of the Engineering Department and Riggs heads up the Electronic Systems Department. —Photo by PH2 D. W. Yeatts



**DRAG RACE WINNER**—AC2 John Stewart, the lone entry from the Naval Weapons Center in a special drag racing salute to the U.S. Navy, brought home a trophy and a \$25 U.S. Savings Bond for his efforts last Saturday at the Orange County International Raceway in Irvine. —Photo by PHAN D. M. Jeneaux

### Sailor Wins Drag Race...

(Continued from Page 1)

entrants in the elapsed time eliminator bracket of this drag race extravaganza, sponsored by the 11th Region of the Navy League of the United States.

Running under the name of Stewart and Cook, from the Charlton-Simolon auto agency in Ridgecrest, AC2 Stewart's stock car entry was clocked at 13.83 sec. for the quarter-mile run, and hit a top speed of 97.07 miles per hour.

The local Navy man received a trophy and a \$25 U.S. Savings Bond that were presented to him by Admiral Bernard A. Clarey, Commander of the U.S. Pacific Fleet, who was the guest of honor at this two-day event held to stimulate Navy recruiting.

AC2 Stewart nearly missed being able to enter the competition at Irvine, when the racing motor for his Plymouth Roadrunner blew up two weeks earlier at Inyokern. By the middle of last week, however, he was able to get another engine—

but just a stock model—which he installed and had running by last Friday, only a day before it was put to the test against other Navy drag race entries on Saturday at Irvine.

The two-day "Drag Racing Salute to the Navy" began last Friday with competition among students, 16 to 21 years of age, for \$1,000 in Navy League college scholarships and trophies, as well as a clinic on high performance cars.

The clinic was conducted by "Wild Bill" Shrewsbury and "Rapid Robert" Riggle, whose vehicles, a 1972 Dodge "L.A. Dart" and a 1972 Barracuda "Hemi Under Glass" were on display.

Other activities included a special "dial your own" handicap drag race for Navy personnel, music by the "Navy Show Band-West," a beauty pageant, and displays of Navy vehicles and aircraft aimed at interesting potential Navy recruits.

### Navy Research Library Council To Meet at China Lake Dec. 7-8

The West Coast meeting of the Navy Research Library Council will be held here next Thursday and Friday, Dec. 7-8.

Objectives of the meeting, which is to be attended by senior librarians from six other naval laboratories or facilities, in addition to the Naval Weapons Center, are to exchange technical, bibliographic and administrative

information for the purpose of providing optimum utilization of library resources among the participating members of the Research Library Council.

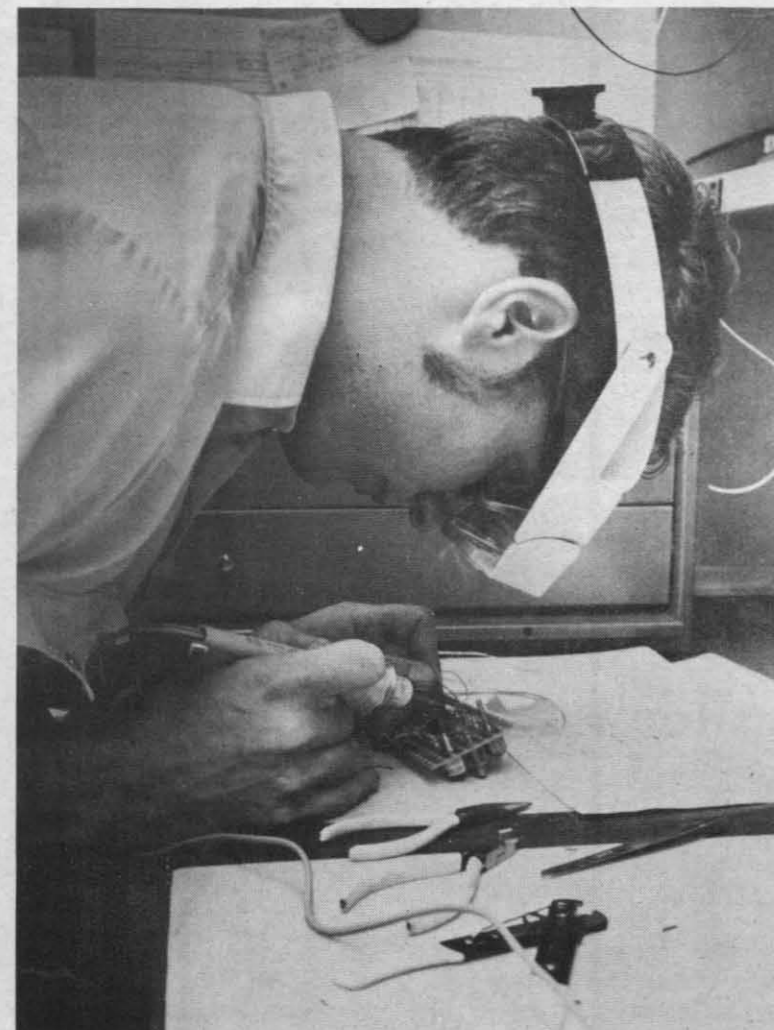
On the agenda for next week's meeting, which is to be hosted by Carolyn Kruse, head of the Technical Information Department's Technical Library Division, and her staff, will be a tour of the present quarters of the NWC Technical Library and familiarization with the Defense Documentation Center terminal located here.

During 1971, Mrs. Kruse noted, the members of the Navy Research Library Council saved an estimated \$25,000 for the Navy as a result of cooperative sharing of their resources through inter-library loan agreements, the lending of publications, mutual assistance in reference searches, and cooperative work on special projects.

Other West Coast members of the council are the Naval Civil Engineering Laboratory, the Naval Electronic Laboratory Center, the Naval Missile Center, the Naval Personnel and Training Research Laboratory, the Naval Postgraduate School, and the Naval Undersea Center.



# Co-op Students Apply Classroom Theory to Work



An active work study program conducted in cooperation between the Naval Weapons Center and seven colleges and universities allows young people to gain valuable experience in work related to their chosen careers prior to their college graduation.

The program permits participants to alternate work here at NWC with periods of academic study, and places them in areas of study-related or career-oriented employment while they are here.

Cooperative work study agreements exist between the Center and seven colleges and universities. They are the University of California at Berkeley, California State University at Long Beach, New Mexico State University, Tennessee A&I State University, the University of Washington, the University of Southern California and California State College at Dominguez Hills.

The agreements with UC Berkeley, New Mexico State, Tennessee A&I State and the University of Washington are primarily for students in the engineering fields (electrical, mechanical and aerospace).

Agreements with USC, Cal State Long Beach and Cal State Dominguez Hills are for students in the administrative field.

The success of the Center's Co-op program is attested to by the fact that nearly 50 percent of Co-op students have come back to accept permanent employment at NWC.

The Co-op program provides the student with the opportunity to apply what he has learned in the classroom to true work situations, and, conversely, to encounter problems at work that may give him ideas on what additional areas of study to pursue.

Practical applications of the knowledge he has studied prove beneficial to the academic learning experience of the Co-op students.

As the student trains himself to fit the type of work he encounters here, he becomes a potential part of a valuable pool of college graduates available to NWC for entry level positions in professional, administrative and technical fields. The fresh approach and new ideas of the Co-op students also prove valuable to NWC personnel who work with them during their periods of em-

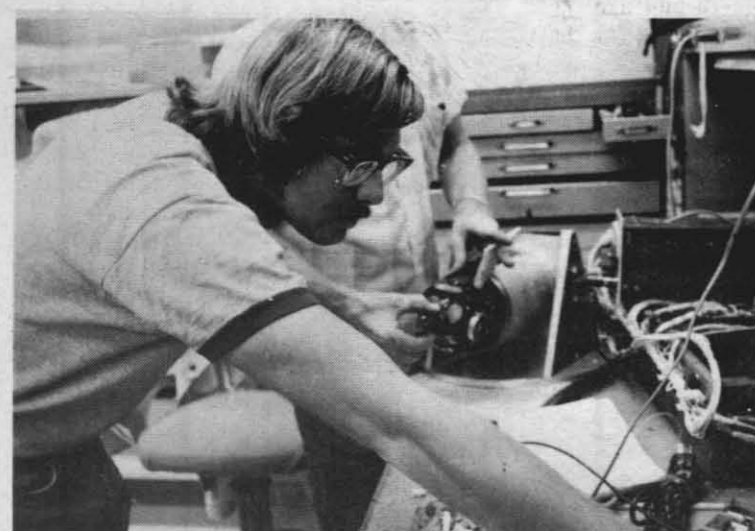
ployment here.

Students currently enrolled in the Co-op program come from three of the participating academic institutions, with 11 students coming from New Mexico State, 7 from Cal State Long Beach, and 5 from Berkeley. Of these participants, 9 are currently on board, while the remaining students are on leave-without-pay status at NWC as they pursue their academic studies.

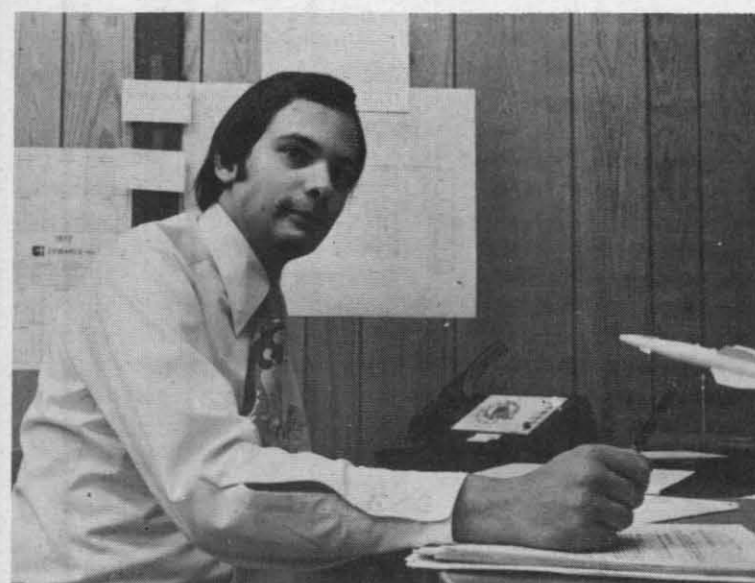
Presently working at NWC are Ira Avant and Jim Morton (Code 55), Joe Von Kanel (Code 304), James Bardwell (Code 3052), Lee Gallegos (Code 57), and Glenn Ford (Code 70), all from New Mexico State; Terry Massengill, from Cal State, Long Beach; and Allan Woodson (Code 3052) and George Tremper (Code 4057), from UC Berkeley.

Co-op students on leave-without-pay are Thomas Deeble, Peter Tong, and David Reeve, who are now studying at UC Berkeley; Gene Jaeger, Edward Gilmore, Charles Combs, John Lory and Calvin Kadooka, back at New Mexico State, and Gayle Morton, Dean Strandstra, Ronald Webb and Stuart Wallach, at Cal State Long Beach.

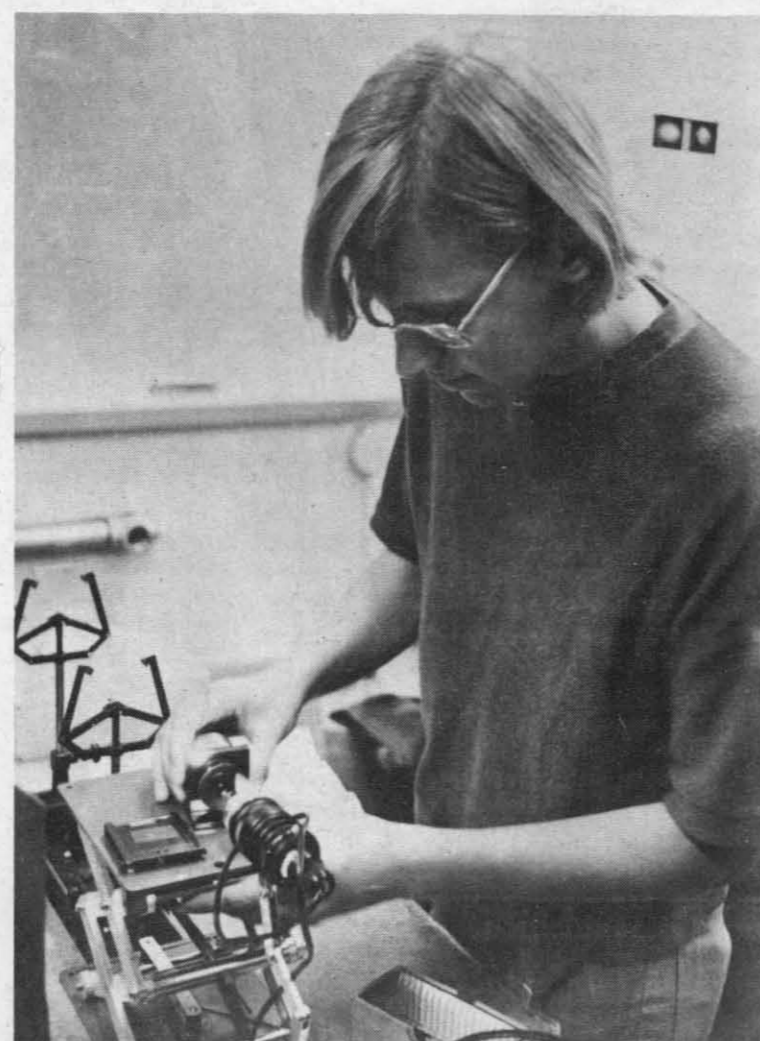
IRA AVANT came to NWC midway in his junior year at New Mexico State University, where he is majoring in electronics. His last Co-op experience was in Afghanistan, where he was employed for six months with Navy satellite tracking stations. While at China Lake, he worked in the Guidance Evaluation Branch of the Electromechanical Division of the Engineering Department on Sidewinder missile testing and repair.



ALLAN WOODSON, employed in the Guidance Electronics Branch of the Guidance and Control Division, Systems Development Department, worked on the Agile Electro-optical Guidance Program. He is in his senior year at the University of California, Berkeley. This was his second Co-op tour at NWC. While here he worked as a junior electronics design engineer.



MIKE VALANOS, a senior majoring in political science at Cal State, Long Beach, spent the summer at NWC working as an administrative aide in the Bulldog program office. His training at Cal State, coupled with experience as a former U.S. Army officer, provided him with an excellent background for getting things done quickly with a minimum effort.



JOE VON KANEL, assigned to the Technology Development Division of the Systems Development Department, works on design, generation, testing and evaluation of different holographic optical elements and systems. A sophomore at New Mexico State College majoring in physics, he will return to school in January. He is enrolled at Cerro Coso College in the evenings.

**Photos By  
PH2 Glen Taylor**



**JOINT PATENT AWARD GRANTED**—Being congratulated by F. A. Chenault, head of the Systems Development Department, are Warren T. Burt (center) and Herman J. Hoffman, who recently received a joint patent award for a television system for terrain surveillance. The system allows terrain surveillance from an aircraft and utilizes a scanning optical system, a TV monitor and a modified video recorder. Burt and Hoffman work in the Advanced Systems Branch of the Weapons Systems Division. Another Code 30 patent award recipient was Leroy Krzycki, an employee of the Missile Engineering Branch of the Agile Development Division, currently on extended leave. Krzycki's patent was for a pre-packaged liquid rocket powerplant feed system.

## Tips on Preparing Yule Packages for Mail Offered

With the Christmas season rapidly approaching, it becomes increasingly important that proper care and wrapping materials are used in preparing parcels for mailing, according to Postal Service officials.

According to Military Postal officials, some of the most important items to be aware of include the following:

**Container**—it should be of sturdy cardboard or wood.

**Packing**—there are many materials which can be used, such as crumpled up newspaper, popcorn, excelsior, styrofoam or any other type of cushioning materials that will completely protect the article from shifting or rattling. It might be said that in most cases articles that are not repacked when sent in original purchase boxes will not withstand the type of handling necessary in the Postal Service.

**Exterior of the parcel**—the parcel does not have to be wrapped in paper if there is a side of the box on which a legible address can be applied. Masking or other lightweight tapes are not acceptable as sealing materials. These can be used if other tapes such as nylon or string are used in addition. As a rule of thumb, self sticking tapes, other than nylon are not acceptable. Tapes that require

## Talk Planned By FAA Specialists In Flight Safety

The China Lake Navy Flying Club will host a visit by Jim Dulaney and Bob Greenwood, service specialists from the Federal Aviation Agency, at the Community Center on Monday, Dec. 4, beginning at 7:30 p.m.

The two men will show films, and present two lectures entitled "Helpful Hints to Pilots Anticipating Purchase of an Airplane," and "The Latest Data on Wake Turbulence." In addition, a question and answer period will be held following the talks.

This is a special safety meeting and all local residents interested in flying are invited to attend. There is no charge.

wetting are acceptable.

**Addressing**—parcels are to be addressed on one side only. Zip codes are mandatory on all parcels. If the code is unknown there are directories available in the lobby of the Post Office.

The entire parcel should never be completely covered with masking tape, officials said. Stamps will not readily stick to this type of surface.

If everyone will use the above methods of preparing parcels, damage will be held to a minimum and no one will have to be refused service for lack of proper preparation.

## Tech Lecture On 'Starshine' Set Next Friday

Jackie Potts, a supervisory mathematician-computer consultant for the Structures Department at the Naval Ship Research and Development Center, Bethesda, Md., will present a technical lecture on "The 1972 Starshine," next Friday, Dec. 8, at 10 a.m. in Conference Room B, at Michelson Laboratory.

"Starshine" is a computerized ship's equipment shock report system. At present, its two main functions are file maintenance of shock equipment tests and report generation. The speaker will explain the two standard reports that can be produced in this system—a complete "dump" of the shock report file, or selected listings of information from the file.

The Bethesda mathematician represents the Structures Department on the U.S. Navy's NASTRAN Steering Committee and the Ship Protection Division on the Computer Applications and Recruiting committees.

She is vice chairman of SIGGRAPH, a special interest group of the Association of Computing Machinery, and also is a member of the Advisory Council and deputy division manager of SHARE, Inc., an international organization of scientific users of large IBM computers.

## Nominations For William A. Jump Award Sought

Nominations from Naval Weapons Center department heads are currently being sought for the William A. Jump Memorial Award.

This award is presented annually in recognition of outstanding service in the field of public administration, and for notable contributions in this field to the efficiency and quality of public service.

Each federal department or agency may nominate one candidate for the principal award, which consists of a gold key and a certificate of merit. In addition to the principal award, not more than two honorable mention awards, consisting of a special honorary certificate and citation, also are given each year.

Any NWC nominations for the William A. Jump Memorial Award must reach the Employee Management Relations Division (Code 651) no later than Monday, Dec. 11.

Eligibility for the award is restricted to male or female employees of the federal government less than 37 years of age as of Dec. 31, 1972, whose performance over a considerable period of time has demonstrated unusual competence and interest in public administration, leadership ability, creative thinking and close adherence to the basic principles of enlightened public service.

The original and six copies of each nomination are required. It should include, in addition to certain vital statistics, information on the nominee's current duties and responsibilities, as well as the accomplishments and contributions on which the nomination is based.

A proposed citation should also be furnished.

## 'Bosses Night' Dinner Slated By BPW Club

The Kern Desert Business and Professional Women's Club will stage its annual "Bosses Night" and Christmas dinner on Friday, Dec. 15, in the Mojave Room of the Commissioned Officers' Mess.

A no-host cocktail hour, from 6:30 to 7:30 p.m., will precede the dinner. Reservations must be made no later than Wednesday, Dec. 6. Those planning to attend should call Elsie Miller, 375-8524, Peg Blount, 375-9029, or Peg Carlson, 377-2341.

Judy Zurn, president of the BPWC, invites all members to bring their boss and spend a delightful evening in celebration of the holiday season.

## Local Bicycle Club Schedules Meeting

All persons interested in bicycling, as a hobby or for health reasons, are invited to the next meeting of the Indian Wells Valley Bicycle Club, next Tuesday, Dec. 5, at 7:30 p.m. in Room N57 at Burroughs High School.

The Burroughs high school and the Capehart housing will be open. Discussion at the meeting will center on bike racks and carriers.



**FRACTION COLLECTOR SHOWN**—Mike Cammarata, a sales representative of Buchler Instruments Division, points out an interesting machine, known as the Fractomat 200, to the ROCKETEER reporter during a display of scientific apparatus equipment staged last Tuesday in the Community Center by VWR Scientific, a Los Angeles based firm. This fraction collector, as it is called, breaks down liquid mixtures and collects the individual components of the mixture into separate test tubes. It was one of many different types of apparatus on display during the six hour showing that was attended by many scientific and technical personnel of the Naval Weapons Center.

## Happenings Around NWC

Beginning today and continuing through Friday, Jan. 5, special service aimed at the removal of leaves and tree trimmings will be provided in areas of the Naval Weapons Center where dumpsters are provided for trash disposal.

NWC tenants are asked to load fallen leaves into dumpsters and call 446-2113 when the dumpsters are full and should be emptied.

Calls for this service can be placed Monday through Friday, between the hours of 8 a.m. and 1 p.m., and on Saturdays, between 11 a.m. and 1 p.m.

Tree limbs, lumber or other material too bulky to be packed inside a dumpster should be piled on the ground near the trash container.

In those parts of the NWC housing area where 32 gallon containers or GI cans are used for regular trash disposal purposes, fallen leaves can be collected in boxes or bags and left out for pickup with other refuse at normal collection times.

## Dental Treatment Set

During the period of Dec. 20 through 29, the Naval Weapons Center Dental Department will administer the three-agent Stannous Fluoride treatment to children six years of age and older who are the dependents of either military or retired military personnel.

This treatment consists of a polishing with a paste rubbed over the teeth—using a small rubber cup—and the application of a topical liquid that is rubbed over the teeth with a cotton swab. Most important thereafter, the NWC Dental Department stresses, is daily toothbrushing after every meal.

Appointments for the Stannous Fluoride treatment can be made by calling NWC Ext. 3581.

NWC Notice 6620 has been mailed to all active duty personnel. Anyone who has not received this notice may pick up a copy at the Dental Department appointment desk, located in the NWC Dispensary. Complete instructions are included in the notice.

The Dental Department urges all qualified personnel to take advantage of this outstanding decay preventive treatment.

## Bloodmobile To Visit

An opportunity for all local residents between 21 and 65 years of age who are in good health to do a neighborly good turn at this holiday time of the year will be presented next Tuesday afternoon when the Houchin Bloodmobile from Bakersfield will be at the Ridgecrest Elks Club, 201 E. Church St., Ridgecrest.

Hours of operation during the bloodmobile visit will be from 2 to 6 p.m. on Tuesday, Mrs. Mae Read, chairman of the Indian Wells Valley Blood Bank, reported.

Donors will be credited with giving a pint of blood, which can either be designated for a specific beneficiary or made available for use by anyone who is in need.

The Houchin Bloodmobile makes quarterly visits here to assist in replenishing the supply of blood credited to the Indian Wells Valley Blood Bank. Eleven requests for release of blood have been received since the bloodmobile's last visit.

## Bazaar Grosses \$8,500

Gross receipts from the two day (Nov. 14-15) WACOM-sponsored Christmas Bazaar totalled \$8,500, according to information received this week. Noting the highly successful results of this annual event, WACOM officials expressed appreciation to Sue Byrd for her leadership and guidance of this pre-holiday program.

Christmas music by the Burroughs High School choir will be featured at the next meeting of the Women's Auxiliary of the Commissioned Officers' Mess on Tuesday, Dec. 12.

In addition to musical entertainment by the local high school choir, the program for the Dec. 12 meeting of WACOM also will include paying special tribute to the hard-working co-chairmen of the WACOM-operated Thrift Shop.

Reservations for the Dec. 12 luncheon meeting can be made by calling Pat Richter at 446-3634.