



STRUMMIN' — Mickey Rooney, Jr., was the hit of the show during the Rodeo Fever concert held under the stars at Schoeffel Field. Several hundred Centerites enjoyed the free concert by this band that will appear at Barstow in a \$3,000-per-event winner-take-all rodeo today and tomorrow. Tickets for the Barstow rodeo and show can be purchased at the Community Center today for \$15.50 per person. Rodeo Fever, with young Rooney and Jan Chamberlain, drove up from Barstow to entertain military and civilian personnel Monday night. The group is entertaining personnel at military bases throughout the upper Mojave Desert during the week prior to Barstow's rodeo. Rooney has had several hit records. Ms. Chamberlain is also Mrs. Mickey Rooney, Sr. The two artists are appearing as guests with Rodeo Fever's current performances.

—Photos by Don Cornelius

Luncheon honoring NWC grads of college programs slated Sept. 2

The annual luncheon honoring NWC graduates in the Business Administration, Public Administration, Computer Science, and Fellowship programs will be held in the Commissioned Officers' Mess at 11:30 a.m. on Thursday, Sept. 2.

The keynote speaker will be Professor E. Max Raisor, Coordinator of Computer Aided Design at the College of Engineering, Brigham Young University. He will speak on "Interactive Graphics in Engineering Design."

Public gets chance to voice opinions on museum building

The Maturango Museum board of trustees invites the public to speak out on a proposed museum building in Ridgecrest at a meeting that has been scheduled at the museum on Monday, Aug. 9, at 7:30 p.m.

The meeting is designed to allow local individuals, businesses or organizations to offer suggestions.

The building committee feels that erecting a minimum 3,000 sq. ft. structure that is architecturally compatible with existing county buildings is feasible — depending upon substantial community volunteer labor and donations to help defray costs.

Approximately \$100,000, which is composed primarily of a \$75,000 grant from the Irvine Foundation, may be available for such a project, museum officials report.

Site improvement costs, estimated at a minimum of \$27,500, are included in this \$100,000 figure.

Any group wishing to schedule a presentation on this subject, or individuals interested in learning more about the museum's present building plans, can obtain additional information by calling the museum (ph. 446-6900) on weekdays between 8 a.m. and 5 p.m.

Other speakers include Burrell Hays, NWC Technical Director; Gerald Schiefer, Laboratory Director; Dr. Merle Ruoss, Dean of the School of Business and Public Administration, Cal-State Bakersfield; Dr. Gary Watters, Dean of the School of Applied Science, Cal-State University Chico; and Dr. A. F. Ratcliffe, Dean of the School of Engineering, Cal-State University Northridge.

Spouses, friends, supervisors, co-workers and instructors of graduates are invited to attend. Those who plan to attend must telephone NWC ext. 2634 for a reservation no later than Monday, Aug. 23. Menu choices are stuffed avocado with a chicken salad plate for \$3.95 or teriyaki beef with all the trimmings at \$4.10.

Following the luncheon a group meeting will be held in the Michelson Laboratory auditorium about the new graduate mechanical engineering program at Cal-State Northridge. The meeting will last from 1:30 to 2:30 p.m.



The charter meeting of the Breakfast Exchange Club, a newly-formed chapter of the National Exchange Club, will be held this evening, starting with a social hour at 6:30, at the Ridgecrest Elks Lodge, 201 E. Church St., Ridgecrest.

All interested persons are invited to attend. Tickets, priced at \$15 per person for this semi-formal affair, can be purchased at the door or in advance at the Ridgecrest Bake Shop, 211 Balsam St., Ridgecrest.

Purpose of the gathering is to officially start this new chapter of the Exchange Club, and to give prospective members an opportunity to find out more about this service club for men.

The final two performances of the CLOTA production of "Brigadoon" will be staged tonight and tomorrow night at 8:15 at the Burroughs High School lecture center. Tickets are \$4.50 for general admission, and \$3.50 for enlisted military personnel, senior citizens, students and children. They may be purchased at the door.

Everyone on board welcome at annual ASMC picnic Aug. 25

Plans are really rolling now for the annual ASMC (Code 08) picnic to be held on Thursday, Aug. 26, in the picnic area behind the Chief Petty Officers' Mess.

This happy event, sponsored by the NWC Chapter of the American Society of Military Comptrollers, is open to everyone on board who likes a picnic and all the fun that goes with that way of spending a summer evening.

A lifeguard will be on duty at 4:30 p.m. to keep a watchful eye on those who like to go swimming in the CPO Club pool.

A dinner of hot dogs, hamburgers, potato salad, beans and a beverage will be served at 6 p.m.

Tickets for adults (age 11 and over) are \$3; those under 11, \$2. Tickets purchased at the door will be 50 cents more.

Advance tickets may be purchased from Linda Collins, NWC ext. 3555; Cheri Fowler, NWC ext. 6222; Alex Quezada, NWC ext. 2996; Flo Meeks, NWC ext. 2151; or any other ASMC member.

Membership fete at COM next week to be Western Night

A Western Night will highlight the monthly membership fete at the Commissioned Officer's Mess Friday, Aug. 13.

The fun will begin with a barbecue — both chicken and beef — and all the trimmings, including baked beans, potato salad and cole slaw.

Along with the buffet dinner from 6 to 9 p.m., dancing will start at 8 p.m. and will last until midnight. Responsible for the music will be "The Road Runners," presenting oldies but goodies.

Admission for this evening of fun (including dinner) is \$5 for members of the COM and their spouses, and \$6 for guests. Reservations are required and must be made before 4 p.m. Thursday, Aug. 12, to ensure adequate seating and food.

How time flies...

The youthful appearing man whose photo appears in the "Remember When..." column in this issue of the Rocketeer is LeRoy L. Doig, Jr. The recent recipient of a 40-year Federal service pin, he heads the Engineering Department's Acquisition Management Office.

His climb up the ladder leading to this post of major responsibility has included work as a rocket design engineer in the Propellants and Explosives Department, serving as a branch head and later division head in the Weapons Development Department and, more recently, work on the Plans and Review Staff in the Systems Acquisition Office.

Doig has held his present position in the Engineering Department since August 1980.

MOVIES

REGULAR STARTING TIME 7:00 P.M.

FRIDAY AUGUST 6
"BAD TIMING"
Starring
Art Garfunkel and Theresa Russell
(Romantic / drama, rated R, 122 min.)

SATURDAY AUGUST 7
"THE AMATEUR"
Starring
John Savage and Christopher Plummer
(Drama, rated R, 120 min.)

SUNDAY AUGUST 8
"ON GOLDEN POND"
Starring
Henry Fonda and Katherine Hepburn
(Drama, rated PG, 116 min.)

MONDAY AUGUST 9
"EVIL UNDER THE SUN"
Starring
Peter Ustinov and Jane Birkin
(Mystery, rated PG, 117 min.)

TUESDAY AUGUST 10
"ALICE IN WONDERLAND"
(Animated, rated G, 78 min.)

WEDNESDAY AUGUST 11
"STRIPE"
Starring
Bill Murray and Harold Ramis
(Comedy, rated R, 106 min.)

THURSDAY AUGUST 12
"ARISTOCATS"
Starring
Phil Harris and Eva Gabor
(Animated, rated G, 79 min.)

IWV Navy League to host party for sea cadets, parents

All sea cadets and their parents and prospective sea cadets are invited to attend a swim party and barbecue sponsored by the Indian Wells Valley Council of the Navy League.

The party will be held on Saturday, Aug. 14, at the Chief Petty Officers' Club starting at 7 p.m. Sea cadets, their parents and prospective sea cadets will be guests of the Navy League; there will be a \$6 charge for everyone else.

Reservations are due by Sunday; they may be made by telephoning 446-5488, 446-7244, or 375-4272.

Chefs for the barbecue include Bob Brinton, Tom Address, Ralph Vuono and Vivian Boultinghouse. The barbecue includes hot dogs, hamburgers, beans and macaroni salad.

Cable TV is topic for tenants' meeting Mon.

All residents of Center housing who are interested in cable television will be particularly anxious to attend the regular monthly tenants' meeting on Monday evening at 7 at the East Wing of the Chapel.

The guest speakers will be Dick Malone, associate head of the Engineering Division of Public Works Department, who is the liaison between the government and the contractor supplying cable television, and Bill Evans, representing Coastside Cable.

They will explain installation procedures and answer any questions that tenants may have about cable television.

FOR NAVY NEWS

P.A. LINE

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U.S. Government Printing Office: 1982 - No. 1036

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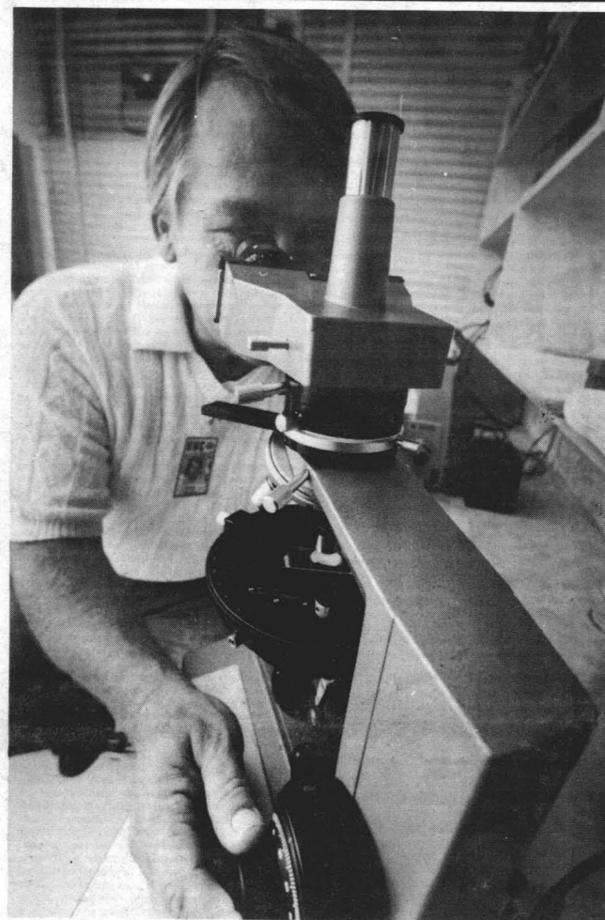
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NAVAL WEAPONS CENTER
CHINA LAKE
CALIFORNIA

August 6, 1982
Vol. XXXVII, No. 31



LAB WORK — Chuck Stanley uses the dispersion staining process to identify the different kinds of asbestos. — Photo by Don Cornelius

Safety Dept. programs include laser, asbestos, and respiratory hazards

Three major safety programs are currently underway under the supervision of the Safety and Security Department to protect the health of the Center's personnel: a laser safety program, a respiratory protection, and an asbestos hazard control program.

At least 1,000 of the Center's civilian and military personnel will be involved with the laser safety program.

Laser safety protection is being standardized for all Navy installations, with the Naval Electronics Systems Command as lead agency. Annual laser safety audits will be carried out at each facility.

Although NWC is a pioneer in laser safety, having established a program and committee in 1974, this is a new program with heavy emphasis on training for the individual operator or user of lasers.

Instruction offered includes a one-day class for professional-level personnel such as physicists, and a two-day class for nonprofessional personnel.

Classes will cover operating procedures, operator certification, and present information about changes in medical surveillance. New applications of lasers are also being looked at from safety standpoints.

The laser safety program at the Center is more complex than at most establishments because of the variety of lasers used here and because some of the eye-hazard ranges can run into miles. A computer program has been developed at NWC for determining hazard ranges that is now in use by other government activities as well.

Qualified and certified to be the Center's Laser System Safety Officer is Wayne E. Smith, an employee in the Explosives and Laboratory Safety Division of the Safety and Security Department.

The second major new safety program is the respiratory protection program that will involve from 1,400 to 1,800 people throughout China Lake.

Users of respiratory equipment will receive annual training, with training geared to the type of respirator needed and the use of the equipment; for instance, painters would need a different type of cartridge than chemists might. The nature of each hazard is closely examined.

The aim of the training is to ensure that the right respirator will reach the right person with the right cartridge for the job. Training includes how to be sure that the respirator fits the wearer properly, regular maintenance and repair, and how to store a respirator when it is not in use.

Classes have already begun. Each class lasts two hours, and includes both classroom instruction and a "fit" test with irritant smoke to be sure that the student knows how to fit the respirator to give the necessary protection.

Bill Deem is the point of contact for the respiratory protection program. He works in the Industrial and Range Operations Safety Division.

Also 1,000 to 1,500 NWC personnel are receiving training under the asbestos hazard control program. The three-hour classes cover several different areas: medical surveillance procedures, hazards, rip-out procedures, and handling and disposal of asbestos.

Currently a major rip-out program is underway to remove asbestos from areas where it is not properly encapsulated or where it has been damaged. A mobile "clean-room, dirty room" trailer is set up so that workers can remove their protective clothing worn while they are working with asbestos and shower completely before leaving the work site to ensure that they will carry no tiny fibers home on their clothing.

A laboratory has been set up in the Safety Office to sample and analyze air quality to determine if asbestos fibers are in the air in any questioned location.

Of these safety programs, the most costly is the asbestos hazard control program, but Center management has not stinted in providing the needed funds for rip-out, air quality checks, proper instrumentation, and the mobile trailer unit for decontamination for those who have been working in areas where asbestos is being removed and replaced with other insulation materials.

Asbestos was used extensively in buildings for many years before its hazard to health was determined, since "asbestosis" can take from 20 to 30 years to develop. When properly encapsulated, it is still perfectly safe — but all of the Center's older buildings are now being checked to ensure that any area where asbestos could become a hazard is located, and that asbestos is replaced. The Command Crew works at night to limit any hazard involved with removal, and expects to have its task completed within a year.

Prime safety contact for the asbestos problem is Chuck Stanley, who can often be found peering through the microscopes in the Safety Office's laboratory.

Al Wiruth, head of the Industrial and Range Operations Safety Division, says that he and the employees who monitor these programs have jobs that are not boring because of the complexities of the Center's operations — and find their jobs immensely satisfying because, while it is difficult to point out accidents that don't happen, they know that the health and safety of all personnel at China Lake is a little more sure because of their daily efforts.



SPACEMAN? — To ensure that the workers who are ripping out damaged asbestos will not be exposed to the dangerous fibers, each of them must suit up completely in protective clothing, including respirator and goggles.

(Continued on Page 1)



NEW EQUIPMENT — Aileen Fullerton, who retired in 1972 after 26 years employment at China Lake, checks out a considerably more sophisticated typewriter than the ones that she had used, as Dr. Frank Carlwright watches. Ms. Fullerton visited the Center and old friends last Friday on a trip up from the Sunset Convalescent Hospital in Cherry Valley where she now lives. — Photo by Don Cornelius

CWO3 Jim Jewell honored for work at NRMCC branch clinic

A letter of Commendation in Recognition of Services was presented on July 30 to CWO3 James Alan Jewell for "professional and leadership achievement in the superior performance of his duties" at the Naval Regional Medical Center, Long Beach branch clinic, NWC during the period 22 August 1979 to 31 July 1982.

The award was presented by Capt. L. H. Eske, Commanding Officer of the NRMCC, Long Beach.

The citation continues: "As a Navy Physician's Assistant, CWO3 Jewell consistently performed his demanding duties in a conspicuously outstanding and distinguished professional manner. Through his initiative, diligent efforts, and exceptional resourcefulness and skill, he rendered a superior quality of medical care to all his patients."

In addition, CWO3 Jewell was cited for having organized and coordinated an extremely complex NWC Family Advocacy Program. This work required building close relationships with state, county, and city authorities in order to build a cohesive patient care-directed mechanism for Naval facility violence cases.

CWO3 Jewell's reorganization and modernization of the clinic's pharmacy was also recognized. His actions resulted in greatly improved drug dispensing quality

and notably reduced patient waiting time. The award concludes: "An exemplary leader with moral character in the highest tradition of the Navy, coupled with singular pride and professionalism in his military appearance, he has inspired all who have observed him. He is truly a credit to himself and to all Physician's Assistants. His professional performance sets an example in keeping with the highest traditions of the Naval Service."

CWO3 Jewell was recently transferred to the Naval Weapons Station, Concord, Calif., after 6 years of service at NRMCC, China Lake.

Computers displayed

System and board level products of Motorola will be on display at the Cactus Room of the Community Center on Thursday, Aug. 12, from 9 a.m. until 3 p.m.

Show will be versamodules and VME modules containing the 68000, 16 bit microcomputer; the VMC 86/2 microcomputer system, and the Exornacs development system. Motorola personnel will be on hand to answer any questions.

AFGE meets Monday

The American Federation of Government Employees, Local 1781, will hold its regular monthly meeting on Monday at 7 p.m. at 520 E. Inyokern Road.

Promotional opportunities

Applications (Standard Form 171) should be put in the drop box at the Reception Desk of the Personnel Dept., 505 Blandy. Unless otherwise specified in an ad, applications for positions listed in this column will be accepted from current permanent NWC employees only. All others desiring employment at NWC may contact the Employment-Wage & Classification Division, Code 092, Ext. 2069. Ads will run for one week and will close at 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ad. Advertising positions in the Promotional Opportunities column does not preclude the use of alternative recruiting sources in filling these positions. The filling of these positions through Merit Promotion is subject to the requirements of the DoD Program for the Stability of Civilian Employment. The minimum qualification requirements for all GS positions and positions subject to the Demonstration Project are those defined in OPM Handbook X-118; those for all wage system positions are those defined in OPM Handbook X-118C. Applicants will be evaluated on the basis of experience, training, education, and awards as indicated in a written record consisting of a SF-171, at least one supervisory appraisal if it can be obtained, and any tests, medical examinations, interviews, and supplemental qualifications requirements that may be necessary. For managerial/supervisory positions, consideration will be given to applicant's support of the Equal Employment Opportunity programs and objectives. Applicants must meet time in grade and qualifications requirements by the closing date of the ad. The Naval Weapons Center is an Equal Opportunity Employer; selections are made without discrimination for any nonmerit reason.

Announcement No. GY-875, Recreation Assistant, PS-4, \$4.92 per hour, permanent full time, plus full benefits, Code 227 — This is not a civil service position. This position is located in the Recreation Services Department, Gymnasium. The incumbent will serve as the manager of the Gymnasium facility and recreation equipment issue program. Handles daily operation of the gymnasium, tennis courts, racquetball courts, weight room, locker and restroom areas. Schedules facilities for athletic events; supervises and schedules work for employees; maintains a comprehensive inventory of supplies and equipment. Job Relevant Criteria: Familiarity with office procedures and routines and inventory control; knowledge of athletic/recreation programs conducted in a gymnasium complex; knowledge of equipment required and utilized for camping, boating, and organized sports events; understanding of the work/people relationships required by public service agencies. Submit completed SF-171 to Rm. 100, Personnel Building.

Announcement No. FI-476, Accounting Clerk, AS-520-5/4, \$4.92/\$5.14 per hour, permanent full time plus full benefits, Code 889 — This is not a civil service position. Duties include: responsible for accumulating, counting and reconciling monies on a daily basis; preparing reports, making bank deposits, preparing weekly payroll summary and checks; processes purchase orders, billing invoices, leave records; maintains inventory records; responsible for security and handling of signed checks; other duties as assigned. Job Relevant Criteria: Must be experienced in the use of business machines; in control of accountability for cash receipts and preparation of reports relating to the same; must be familiar with payroll procedures. Submit completed SF-171 to Rm. 100, Personnel Building.

Announcement No. 35-100, Security Specialist, GS-080-5/7, PD No. 8235031N, Code 25022 — This position is located on the department staff, Electronic Warfare Department, where the incumbent will perform a wide range of security related functions. The incumbent will be responsible for developing and implementing operating policies and procedures for a document control system, using ADP applications. The incumbent will serve as associate department security coordinator and is the department's focal point for classification management issues. The incumbent is responsible for accountability of classified documents, material and equipment and for providing training to personnel who have cognizance over such material. The incumbent must be capable of developing and translating systems needs to automated systems and accept responsibility for security policies and procedures relating to classification management and security violations. Job Relevant Criteria: Ability to operate independently in an unstructured environment; ability to utilize automated systems; knowledge of ADP applications as applied to a document control function; ability to translate systems needs to automated systems; knowledge of security systems procedures at NWC.

Announcement No. 35-099, Secretary (Typing), GS-318-3/4, PD No. 8035090N, Code 3514 — Position is located in the Systems Analysis Branch, Systems Sciences Division of the Electronic Warfare Department. Incumbent will provide secretarial support to the branch and branch head such as maintaining calendar, receiving visitors and phone calls, receiving and distributing incoming mail, preparing timecards, travel orders and itineraries, purchase orders, arranging travel, etc. Job Relevant Criteria: Ability to perform receptionist and telephone duties; ability to review, control, screen and distribute incoming mail; ability to review correspondence and prepare non-technical reports; knowledge of filing systems and files management; ability to meet the administrative needs of the office; ability to train clerical personnel and organize work area; ability to prepare, plan and coordinate travel arrangements; ability to maintain and coordinate supervisor's calendar and to arrange conferences. Supplemental Qualifications Statement is required and may be picked up at the Personnel building, Rm. 100.

Reassignment Opportunities

This column is used to fill positions through reassignment only. For this reason, the Reassignment Opportunity Announcements are separate from the Promotional Opportunities column in the Rocketeer. Applications will be accepted until the date stated in the announcement. Employees whose work history has not been brought up to date are encouraged to file an SF-171 or 172. All applicants must meet minimum qualification requirements established by the Office of Personnel Management. Information concerning the recruitment and placement program and the evaluation methods used in these reassignment opportunities may be obtained from Personnel Division of the Information Department. The branch head supervises and manages the branch activities; provides guidance in the preparation of technical and administrative publications, brochures, and other written products; studies applications of new technology to the writing and editing function; coordinates the NWC History Program; and works cooperatively with other technical communicators, professional personnel at all levels, and the Navy Publications and Printing Service to effect the NWC publications process. Supervisory duties include, but are not limited to, assigning, prioritizing, and evaluating work; planning and assessing performance; training staff; and effecting minor disciplinary measures. Bring applications (current 171) to Sue Cross, Rm. 113 of the Personnel Bldg.

Announcement No. 34-007, Supervisory Technical Publications Writer/Editor (PS&E), PAC No. 8124503, DA-1083-J, Code 3411 — This position is Head, Writing Branch, Publications Division of the Technical Information Department. The branch head supervises and manages the branch activities; provides guidance in the preparation of technical and administrative publications, brochures, and other written products; studies applications of new technology to the writing and editing function; coordinates the NWC History Program; and works cooperatively with other technical communicators, professional personnel at all levels, and the Navy Publications and Printing Service to effect the NWC publications process. Supervisory duties include, but are not limited to, assigning, prioritizing, and evaluating work; planning and assessing performance; training staff; and effecting minor disciplinary measures. Bring applications (current 171) to Sue Cross, Rm. 113 of the Personnel Bldg.

required and may be picked up at the Personnel building, Rm. 100. This is a reassignment of Announcement No. 35-099. Previous applicants need not reapply. **Announcement No. 35-097, General or Mechanical Engineer, DP-401/830-3, PAC No. 8235554E, Code 35065** — This position is located in the HARM Technical Management Office, Electronic Warfare Department. The incumbent supports the technical management of the AGM-88A High Speed Anti-Radiation Missile (HARM) Production. Efforts include scheduling, planning and coordinating the technical support from NWC on NAVAIRSYSCOM contracts with production contractors. The incumbent's areas of activity will encompass mechanical/electromechanical subsystems and ordnance components (e.g. rocket motor and warhead). Position requires the incumbent to participate in the change control process, resolution of manufacturing and field problems, development of alternate sources for components/parts, and productivity enhancement. The incumbent must also coordinate the activities of various diverse organizations, both on and off Center. Job Relevant Criteria: Knowledge of DoD systems acquisition process; ability to effectively interface and communicate orally and in writing with people at NWC, other Government agencies and industry; knowledge of manufacturing and production, test and evaluation of guided missiles. **Announcement No. 35-098, General or Electronics Engineer, DP-401/835-3, PAC No. 8235555E, Code 35065** — This position is located in the HARM Technical Management Office, Electronic Warfare Department. The incumbent supports the technical management of the AGM-88A High Speed Anti-Radiation Missile (HARM) Production. Efforts include scheduling, planning and coordinating the technical support from NWC on NAVAIRSYSCOM contracts with production contractors. The incumbent's areas of activity will include product engineering and product verification encompassing elements of manufacturing test and acceptance, production yield data analysis, manufacturing methods and processes, materials, and special tooling and test equipment. Position requires incumbent to coordinate the activities of various diverse organizations, both on and off Center. Job Relevant Criteria: Knowledge of the DoD systems acquisition process; ability to effectively interface and communicate orally and in writing with people at NWC, other Government agencies and industry; knowledge of manufacturing and production, test and evaluation of guided missiles.

Announcement No. 26-341, Maintenance General Foreman, WS-0781-1, PD No. 8226037E, Code 3443 — Position is head, Electric Support Branch, Maintenance Utilities Division, Public Works Department. Incumbent of this position supervises approximately 75 subordinate employees involved in electrical construction, maintenance and repair; housing and commercial maintenance and repair; and range support. Job Relevant Criteria: Ability to supervise through subordinate supervisors; ability to plan and organize work; knowledge of different relevant lines of work; ability to work with others; ability to meet deadline dates under pressure; ingenuity (ability to suggest and apply new ideas); interest and potential to manage people problems. Supplemental Qualifications Statement is required and may be picked up in the Personnel building, Rm. 100.

Announcement No. 26-342, Maintenance General Foreman, WS-0781-1, PD No. 8226037E, Code 3443 — Position is head, Utilities Branch, Maintenance Utilities Division, Public Works Department. Incumbent supervises through subordinate supervisors approximately 75 employees involved in utilities maintenance, water & steam distribution, power, and piping. Performs the full range of supervisory duties and responsibilities. Job Relevant Criteria: Ability to supervise through subordinate supervisors; ability to plan and organize work; knowledge of different relevant lines of work; ability to work with others; ability to meet deadline dates under pressure; ingenuity (ability to suggest and apply new ideas); interest and potential to manage people problems. Supplemental Qualifications Statement is required and may be picked up in the Personnel building, Rm. 100.

Announcement No. 31-070, Interdisciplinary, General Engineer/Electronics Engineer/Computer Scientist/Physicist/Mathematician, Aerospace Engineer/Mechanical Engineer, DP-3, PAC 8231619, Code 3111 — This position is located in the A4AV8 Weapon (Continued on Page 7)

Announcement No. 31-070, Interdisciplinary, General Engineer/Electronics Engineer/Computer Scientist/Physicist/Mathematician, Aerospace Engineer/Mechanical Engineer, DP-3, PAC 8231619, Code 3111 — This position is located in the A4AV8 Weapon (Continued on Page 7)

Announcement No. 31-049, Supervisory Mathematician/Physicist/General Engineer/Computer Scientist/Electronics Engineer, DP-3/4, PAC 8231615, Code 3192 — Position is head of A-6/E Project Branch of the Tactical Software Engineering Division, Aircraft Weapons Integration Department. This branch provides tactical system design, algorithm development, functional analysis, tactical software design, and implementation on various airborne computers for the A-6 project. Job Relevant Criteria: Background in physics, analysis of physical systems and avionics; overall knowledge of operational software development; familiarity with digital computer simulation and the system engineering process; knowledge of Center support functions; analytical ability; ability to deal effectively with personnel inside and outside government; interest in and potential to manage people problems (EEO). Ability to conduct detailed technical planning, high level communication, coordination and negotiation with the NWC A-6 program office, with NAVAIR sponsors, with the aircraft prime contractors and local support contractors are key requirements of this job. If position is filled at the DP-3, promotion potential is to DP-4 but is not guaranteed. Applications from status eligibles accepted.

DIVINE SERVICES	
PROTESTANT	
Sunday Worship Service	1000
Sunday School	0830
ROMAN CATHOLIC	
Sunday Masses	0830 & 1130
Daily Mass (except Saturday)	1135
Sunday Religious Education Classes	1000
JEWISH	
Friday in the East Wing	1930
UNITARIAN	
Sunday, Annex 95, as announced	1930

Hot weather sends anglers up to fish Sierra lakes, streams

The weather has sent a lot of China Lakers heading to the high country north of Bishop with their rods, reels, creels and ice chests. (Mosquito repellent is also advised.)

Fishing at Lake Sabrina is fair. The best catches are still made fishing with salmon eggs. At South Lake, trolling is better — either Needlefish or a flasher of some sort will result in a limit of trout. Those who like to trudge along the edge of a stream are also catching limits from Bishop Creek. Almost any lure or bait works there right now.

At Rock Creek Lake, shore fishermen do best with salmon eggs, and those who get out on the water are catching fish trolling with Needlefish or lures using a leaded line. Rock Creek trout are biting on eggs, worms or flies.

CROWLEY CLOSED
Lake Crowley is now closed for trout fishing, but there are lots of perch waiting to be caught on single hook lures or yellow and white perch rigs.

Bank fishing near the marina with worms, eggs, or Zeke's floating bait results in full creels for anglers at Convict Lake. In the evening, a fly-and-bubble combination with flying black ants is irresistible to the trout.

The Owens River is now down some and fishing has improved. Near the bridge at Benton Crossing worms and eggs produce good catches, while up and down the river from there the fish prefer night crawlers, Panther Martin lures, rooster tails, mud-diers, or black and white flies.

IWW Youth Football League signups set tomorrow morning

Indian Wells Valley Youth Football League signups will be held at Kelly Field (on the Murray Junior High School campus) from 9 a.m. until noon tomorrow, and the following two Saturdays, Aug. 14 and 21.

Youngsters from 8 to 14 years of age are eligible, with the exception of students in the ninth grade.

Fees are \$40 for one player, \$80 for two players, and \$100 for three players in one family. The fee for cheerleaders is \$15.

Anyone seeking more information may telephone Jack and Judy Griffin, 446-5602 or Wayne Doucette, 446-6790, evenings after 6.

Christman . . .

(Continued from Page 1)
to help the total military establishment and Congress better understand the importance of the Navy laboratories to the Fleet, and to show patterns of development and innovation in meeting Fleet needs.

Christman's point of view of military needs was shaped not only by his years of service as a Department of Navy civilian, but also by combat duty with the Army in Europe during World War II, and by 24 years of service in the Air Force Reserve. He retired with the rank of major in 1973.

When Christman retired from NWC in 1979, as a retired annuitant he headed the interim Navy Laboratories History Program for the Naval Material Command.

To be able to do this, he took a cut in grade and moved to a new location at his own expense, but he felt firmly enough about the value of the history program to make such a commitment.

As a result of Christman's work, the history program is now well established, and Dr. David K. Allison has been appointed Historian of the Navy Laboratories.

Now that Christman's second career with the Navy is winding down, he looks forward to spending his time doing what he likes best — writing. Not all of his planned work will be historical; he has spoken of writing a book about burros, inspired by his two burros, Chris and Wilbur.

Christman and his wife, Jean, now live in La Jolla, Calif. Both their son, Neal and their daughter, Laura, are grown.

Hot Creek — limited to fly fishing — is the place to try out caddis imitations, brown or grey sedges, elk hair, King's River caddis, or mayfly imitations. The best wet fly to use is a leading coachman.

McGee, Convict and Hilton Creeks are all high and the water is fast. Worms, eggs, or flies are still enticing some trout into biting. The best catches are being made by experienced anglers who know the streams well.

Those who like to get further up in the world and head to the Twin Lake area at Mammoth are using Zeke's floating bait or eggs from shore or boat. The trout hiding near the falls prefer worms or a fly and bubble using mosquito or black ant flies. At Lakes Mary, George and Mamie, Zeke's floating bait and eggs are working from both shore and boats; from shore, head for the inlets and outlets, is what the successful anglers advise.

ANGLERS HAPPY

June Lake and Gull Lake on the June Lake loop have the happiest anglers. In the morning, at these two lakes, trolling with a triple teaser or Needlefish has worked well. In the evening the fish like cheese and eggs or a fly with a bubble. Anyone heading for Grant Lake does well to sleep throughout the day and get there in the evening to fish from the shore.

Kokanee are being caught at both Upper Twin and Lower Twin Lake at Bridgeport. They are most apt to bite on a Dave Davis lure with a worm. Two trout weighing more than six pounds each were caught at Upper Twin last week; in both cases, the angler was trolling, and both used a Rapala.



DIFFERENT RACE — An innertube race is not the usual event for members of the IWW Swim Team, but proved to be a highlight at the party held to celebrate the ending of another successful season by the local youngsters. — Photo by Don Cornelius

Potluck, party end successful season for Indian Wells Valley swim team members

A potluck dinner and swim party at the Commissioned Officers' Mess pool Monday night concluded this season's activities for the Indian Wells Valley Swim Team, which is co-sponsored by the Recreation Services Department.

Patricia Strongberg, who headed the group this year, served as mistress of ceremonies for the water games played by team members and also for a short awards program.

A special plaque was presented to Don Featherston for the many hours of service that he has rendered to the IWW team over a period of years. The Featherston family is off to Japan shortly for at least a year; Mrs. Strongberg expressed the wish of team members and parents that he be able to take some memento of the IWW team with him.

DeeDee Fussner, who coached the team this year, and Chris Fawkes, the assistant coach, also got a special thank you for their dedicated service.

The two outstanding young swimmers of the 80 youngsters comprising this year's team were Jean Chan and Kevin Featherston, who each broke two records.

Miss Chan, a swimmer in the 11-12 year age group, broke the 50-yd. freestyle and the

50-yd. butterfly records at a meet held at Rio Bravo (Bakersfield). Featherston, who swims with the 13-14 year age group, broke the 50-yd. freestyle and the 50-yd. backstroke records at the Kerr McGee meet held at the Pinney pool in Ridgecrest.

The youngsters on the team began their practice for this season last Nov. 1. Meets against other Central California teams began in early spring, and ended this month.

Most of the teams against which the local swimmers competed came from other towns in Kern County, but some meets extended beyond the county borders.

The Bishop meet, for instance, involved 450 youngsters from throughout this part of the state. (At Bishop, IWW team members joined with other local youngsters from the High Desert team to win third place in the meet.)

Swimmers on the team range from the 6-and-under group through high school students. They compete against other swimmers in their own age group.

Tryouts for next year's swim team will be held in September. An announcement of date, time, and place will be carried in the Rocketeer prior to the tryouts.

Promotional opportunities

(Continued from Page 2)

System Support Facility Branch, Avionic Facilities Division, Aircraft Weapons Integration Department. The incumbent analyzes, designs, codes, and tests simulation software in support of the A-4M and the AV-8B weapon systems. Special responsibilities include developing software methodologies for development and maintenance of large software systems. The incumbent will provide assistance and guidance to co-workers in the use of software development tools. Job Relevant Criteria: Knowledge of structured software design principles; ability to develop software in Fortran, Ples, and assembly level languages; ability to communicate both orally and in writing; ability to design structured software documentation. Applications accepted from status eligibles.

Announcement No. 31-071, Interdisciplinary, General Engineer/Electronics Engineer, Computer Scientist, Physicist, Mathematician, Aerospace Engineer, Mechanical Engineer, DP-3, PAC 8231618, Code 3111 — Position is located in the A-4/AV-8B Facility Branch, Avionic Facilities Division, Aircraft Weapons Integration Department. The incumbent will be the A-4 Facility Architect, responsible for the technical planning and coordination of specifications and implementation of the A-4 Facility laboratories. Based on functional requirements provided by the branch head, the incumbent will develop digital computer systems for real-time interactive use. Emphasis is placed on real time simulation software (system modeling, hardware interface drivers, etc.) and hardware (digital interface). Incumbent will be required to identify tasks and milestones done by others under his technical supervision. The incumbent will be expected to become familiar with the A-4 avionics and weapon delivery systems and to perform analysis on the same. The incumbent will be under the supervision of the Code 3111 branch head who will set broad technical guidelines for system development. Job Relevant Criteria: Ability to lead a multi-disciplined technical team; ability to communicate well both orally and in writing; ability to plan; familiarity with digital system design and familiarity with good software design procedures. Applications from status eligibles accepted.

Announcement No. 31-049, Supervisory Mathematician/Physicist/General Engineer/Computer Scientist/Electronics Engineer, DP-3/4, PAC 8231615, Code 3192 — Position is head of A-6/E Project Branch of the Tactical Software Engineering Division, Aircraft Weapons Integration Department. This branch provides tactical system design, algorithm development, functional analysis, tactical software design, and implementation on various airborne computers for the A-6 project. Job Relevant Criteria: Background in physics, analysis of physical systems and avionics; overall knowledge of operational software development; familiarity with digital computer simulation and the system engineering process; knowledge of Center support functions; analytical ability; ability to deal effectively with personnel inside and outside government; interest in and potential to manage people problems (EEO). Ability to conduct detailed technical planning, high level communication, coordination and negotiation with the NWC A-6 program office, with NAVAIR sponsors, with the aircraft prime contractors and local support contractors are key requirements of this job. If position is filled at the DP-3, promotion potential is to DP-4 but is not guaranteed. Applications from status eligibles accepted.

Announcement No. 31-048, Supervisory Mathematician/Physicist/General Engineer/Computer Scientist/Electronics Engineer, DP-3/4, PAC 8231614, Code 3194 — Position is head of F/A-18 Project Branch of the Tactical Software Engineering Division, Aircraft Weapons

Integration Department. This branch provides tactical system design, algorithm development, functional analysis, tactical software design, and implementation on various airborne computers for the F-18 project. Job Relevant Criteria: Background in physics, analysis of physical systems and avionics; overall knowledge of operational software development; familiarity with digital computer simulation and the system engineering process; knowledge of Center support functions; analytical ability; ability to deal effectively with personnel inside and outside government; interest in and potential to manage people problems (EEO). Ability to conduct detailed technical planning, high level communication, coordination and negotiation with the NWC F/A-18 program office, with NAVAIR sponsors, with the aircraft prime contractors and local support contractors are key requirements of this job. If position is filled at the DP-3, promotion potential is to DP-4 but is not guaranteed. Applications from status eligibles accepted.

Announcement No. 31-047, Interdisciplinary, Computer Scientist, Physicist, Electronics Engineer, Mathematician, Mechanical Engineer, General Engineer, Mechanical Engineer, DP-3, PAC 8231618, Code 3111 — This position is located in the A-4 Facility Branch, Avionic Facilities Division of the Aircraft Weapons Integration Department. The A-4 Facility Branch provides the simulation/integration work station for the development, verification, and modification of tactical operational flight programs exercised in the tactical computers of the A-4 aircraft. The incumbent will perform as a software engineer in the development and testing of A-6 simulation software. The prime function of this position will be to design, document, code and test software models including area utilized weapons, radar and airframe models to be integrated into the work station. The incumbent will conduct design review and code walk-throughs with Center and contract personnel. Job Relevant Criteria: Knowledge of avionics systems; ability to plan, schedule, coordinate technical work as part of a major project; ability to communicate well both orally and in writing; experience in formalized software engineering standards and practices; experience in Fortran and other HOLA.

Announcement No. 31-043, Secretary (Typing), GS-318-5/4, PD No. 8035093N, Code 3123 — Incumbent provides clerical support to the head, Fuzes Systems Division of the Fuzes and Sensors Department. The incumbent's duties include: maintaining calendar; receiving and directing visitors and phone calls; reviews correspondence; receives and handles time cards, travel orders and itineraries; prepares chase orders for materials, supplies and equipment; types from rough, handwritten drafts or machine dictation. Job Relevant Criteria: Ability to perform receptionist and telephone duties; ability to review, control, screen, and distribute incoming mail; ability to review correspondence; ability to compose correspondence and/or to prepare nontechnical reports; knowledge of filing systems and files management; ability to meet the administrative needs of the office; ability to train clerical personnel and organize workload of clerical staff or processes; ability to plan and coordinate travel arrangements; ability to maintain and coordinate supervisor's calendar and to arrange conferences. Supplemental Qualifications Statement required, along with DP-4 but is not guaranteed. Applications from status eligibles accepted.

Announcement No. 28-035, Budget Analyst, GS-560-5, PD No. 7980080N, (part time), Code 083 — Promotion potential to GS-560-11. This position is located in the Office of Finance and Management, Budget Division, Code 0833. The incumbent is a junior budget analyst and provides services

to one or more of operating departments, including guidance of financial staff. Incumbent is responsible for all phases of budget execution, formulation, control and monitoring of direct, overhead, and capital budgets. Analyzes manpower vs. funding and workload, identifies financial problems and recommends solutions, and is responsible for identifying system errors and inaccuracies. Job Relevant Criteria: Ability to gather and analyze raw financial data; ability to communicate effectively, both orally and in writing; ability to work rapidly and accurately with names, numbers, codes and symbols; ability to meet deadlines under pressure.

Announcement No. 08-034, Accounting Technician, GS-525-4/5, PD No. 7980014N, Code 08421 — This position is located in the Office of Finance and Management, Accounting and Disbursing Division, Cost Accounting Branch. The incumbent is a specialist in the control and maintenance of cost accounting records and subsidiary ledgers for the Commercial Section. Job Relevant Criteria: Interest and aptitude in working with figures; ability to maintain a high level of accuracy in work requiring close attention to detail; interest in the purpose and effect of prescribed procedures; initiative in questioning unusual actions or in obtaining information to support or verify questionable actions; demonstrated analytical ability in interpreting and applying a body of regulations and procedures under varying conditions; substantial responsibilities for verifying the accuracy and completeness of data in source and supporting documents or reports and for tracing and correcting discrepancies; and ability to reconcile records maintained with related accounting data. Status eligibles are accepted.

Announcement No. 29-015, Administrative Officer, GS-341-11, PD No. 8139014E, Code 3904 — This position is located in the Short Range Air-to-Surface Missile Program Office, Weapons Department. The incumbent provides the full range of administrative support for the Laser and Infrared Maverick, Advanced Medium Range Air-to-Air Missile, and Anti-Submarine Weapon/Stand-Off Weapons Programs. Duties include: fiscal monitoring, control, planning, and reporting assistance; providing financial and management analyses, projections, and recommendations regarding program problems/situations; interfacing with Navy and Air Force (sponsor) financial specialists; providing procurement/contract assistance; and assisting with personnel, space, and facilities matters. Job Relevant Criteria: Knowledge and experience in Naval Weapons Center/Navy administrative management processes, including budget processes, fiscal cycles and controls, and system development/acquisition; ability to work independently and in team situations; ability to analyze and present findings/recommendations orally and/or in writing.

Announcement No. 32-052, Machinist, WG-3414-10/11, JD No. 378, Code 3272 — Position is located in the Propellants Branch, Propulsion Systems Division of the Ordnance Systems Department. Performs complex and non-routine machine work in the manufacture of a variety of experimental rocket and missile motors, igniters or their components. Assignments are typically one-of-a-kind involving unusual machining problems and may require the incumbent to design and manufacture the specialized tooling required to perform a specific job. Job Relevant Criteria: Knowledge of set-up and operation of machine tools; trade theory and technical practices; shop drawings; lay-out work and measuring devices; handtools and fittings; materials; ability to do the work of the position without more than normal supervision. Applications from status eligibles will be accepted. Supplemental is required along with SF-171 and may be picked up at Personnel Department, Rm. 100.

The Rocketeer

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Huett and Pulcare take 2nd place in Navy tennis tourney

Two Naval Weapons Center athletes won second place in the doubles event of the Navy Regional tennis tournament held last week in Long Beach.

The duo of Vince Huett and Bobby Pulcare defeated a team from Long Beach 7-5, 7-5, and beat another Long Beach team 6-0, 6-0, before losing out to players from Pt. Mugu in a hard-fought match by scores of 4-6, 6-1, 5-7 to take second place honors.

Jim French and Dave Feldman, the Center's other racket-swingers, lost their first doubles match in the single elimination tourney by scores of 4-6, 6-3, 5-7 in a cliff-hanger.

All four of the local military men were eliminated in the first round of singles. Huett and French went down to defeat at the hands of players from Pt. Mugu by scores of 6-4, 1-6 and 0-6, 4-6, respectively. Feldman and Pulcare did not fare any better against players from Long Beach; their scores, respectively, in the singles play were 4-6, 4-6 and 4-6, 0-6.

'Purge the Perch' offered at Crowley to maintain fishery

Fishermen who'd like to have a lot of fun, accomplish a good and noble purpose, and do so at a bargain rate will be interested in the special "perch package" being offered by the Los Angeles City Department of Recreation and Parks up at Lake Crowley.

Perch compete with trout for food in the lake, and "Purge the Perch" is the battle cry of those responsible for maintaining the fishery in Crowley.

The perch package consists of all-day use of a motorboat and fuel; a healthy supply of worms; and a special brochure with a "hot spot" fishing map, perch fishing tips, fillet techniques, and two favorite recipes for eating the pesky critters.

Also, anyone taking advantage of this special package can qualify for the perch derby grand prize to be awarded at the end of the perch season on Sept. 6. The grand prize in the perch derby is a trophy, and a new perch rig with rod, reel and line.

Perch up to four pounds have been caught recently; there is no limit on either size or number of perch caught.

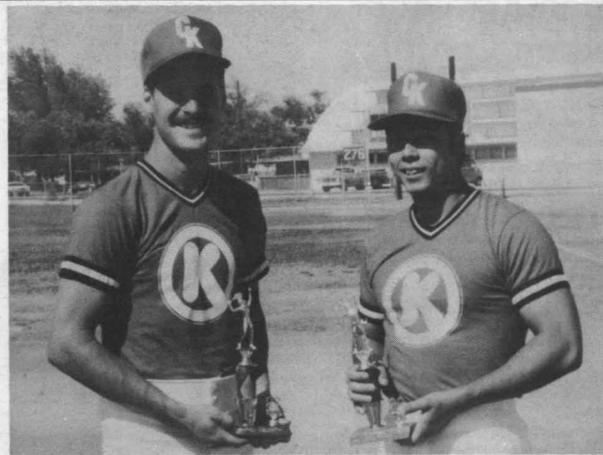
Weight training for youths starts Mon. at Center gymnasium

Young people 15 to 17 years of age have an opportunity to get into good physical shape before the new school year begins by attending a weight training class that will start on Monday, Aug. 9 in the weight room of the gymnasium.

The class will meet Monday, Wednesday, and Friday through Aug. 23 and will be divided into two 45-minute sessions, each with a limit of 10 students. The first session runs from 8:30 to 9:15 a.m.; the second session from 9:30 to 10:15 a.m.

The instructors for the class will be Michele Archuleta and Terry Gaunt, both of whom have college backgrounds in athletics. They will help develop individual weight training programs and goals for the participants. Exercises for muscle building, body toning and conditioning will be emphasized in varying degrees, depending on the individual's requirements.

The fee for two weeks of weight training is \$9. Boys and girls are encouraged to participate.



WINNERS — Second place in the doubles event of the Navy Regional tennis tournament in Long Beach was won by China Lake's team of Vince Huett (l.) and Bobby Pulcare, who are shown holding the trophies they received for their efforts.

CSC, High Desert Temporaries nail top spots in Women's Div.

Two wins each by CSC and the High Desert Temporaries, division champion and runner-up, respectively, highlighted the final week of play in the Women's Division of the Ridgecrest Recreation Department's Slow Pitch Softball League.

CSC, which won 19 out of 20 games, finished the season with a 13-1 win over JD's, and then edged the High Desert Home Center Team 10-7 in its final encounter.

At the same time, the High Desert Temporaries walloped the High Desert Home Center 13-1, and knocked off High Desert Imports by a score of 13-3.

Three CSC players — Sue Hunsaker, Geri Clodt, and Teri Clodt — all had 3 hits in 3 trips to the plate for their team in its lopsided win over JD's. All were singles, except for Hunsaker's 3-base blow.

The Women's Division champs broke open a 1-1 tie in the bottom of the third inning by scoring 7 runs and then added 5 more tallies for insurance in the 4th inning of this 5-inning tilt with JD's.

In a much closer contest, CSC held off a late-in-the-game rally to defeat the High Desert Home Center (HDHC) team 10-7. CSC got off to a 7-2 lead after four innings of play, and added 3 more runs in the last half of the sixth, while HDHC scored 1 run in the fifth and 2 runs each in the sixth and seventh innings to make a contest out of it before losing.

Liz Cornelius, of CSC, and Cheryl Stephenson, of HDHC, each had 3-base hits to their credit in this game, but the leading hitter was Geri Clodt, who was 4 for 4 (all singles) for CSC.

The High Desert Temporaries, who finished the season with a record of 17 wins and 3 losses, were easy winners over High Desert Home Center and High Desert Imports.

Against HDHC, the Temporaries broke on top with 9 runs in their first time at bat, and coasted to a 13-1 victory. Mary Davis hit 2 homeruns and a single in 4 trips to the plate for the Women's Division runners-up.

Karen Kelly and Tommy Jackson both hit homeruns for the High Desert Temporaries as they rolled to a 13-3 win over High Desert Imports. The latter team ran out of offense after trailing just 5-3 at the end of the three innings of play, while the Temporaries pulled away steadily to win by a convincing margin. Nicki Johnson batted 1.000 (4 for 4) — getting 2 doubles and 2 singles for the High Desert Temporaries.

Scores of other games played during the final week of competition in the Women's Division were: M&M's 21, Smith Concrete Construction 3; JD's 8, Mixed Nuts 7; and Bill Wright Painting 15, PRC Ridgecrest Engineering 4.

Leading by a score of 9-3 after five innings of play, the M&M's ripped loose for 10 runs in the top of the sixth to settle any doubts about the final outcome of their game with

Sports of All Sorts/Animal Hospital team sweeps tourney title

The Sports of All Sorts/Ridgecrest Animal Hospital team last week added to the luster of posting the best won-loss record (15-1) in regular season play by sweeping to the championship of a post-season tourney that was open to the top six men's teams in the Ridgecrest Recreation Department's Slow Pitch Softball League.

In the tournament title clash, Sports of All Sorts polished off the Blackhawks, co-sponsored by JD's and JB's Pizza Parlor, by a final score of 6-2.

The American Division champs (Sports of All Sorts) tallied 4 runs in the top of the second inning and added another 2 in the fourth. Resting on a lead of 6-0, Sports of All Sorts gave up 2 runs to the Blackhawks in the last half of the sixth inning, but this was too little and too late to change the game's final outcome.

Ralph Stalnaker, who hit 3 for 3 (all singles), and Sam Chieze, who got on base as a result of an error, scored the only runs of the game for the Blackhawks in what was their second tournament loss to Sports of All Sorts.

Two nights earlier, Sports of All Sorts knocked the Blackhawks into the losers' bracket of this double-elimination tournament by winning the first game played between these two teams by a score of 4-3.

Once again, Sports of All Sorts got the jump on the Blackhawks by scoring 3 runs in the bottom half of the first inning. The score remained 3-0 in favor of Sports of All Sorts until the top of the fourth when the Blackhawks tallied twice on hits by Stalnaker, Richie Clodt, Brant Tunget and Al Chieze.

Two innings later, a home run by Tunget knotted the count at 3-3, but Sports of All Sorts tallied the winning run in the last half of the sixth when Randy Johnson hit safely and came around to score on singles by Scott Smith and Gary Hallstrom.

Following this initial loss to Sports of All Sorts, the Blackhawks took out their frustration on the ERA/Best Realty squad by pounding out a 15-9 win. Scoring in this contest began in the top of the second when ERA/Best Realty tallied 3 runs, but the Blackhawks matched that effort and added 2 more runs to move into a 3-3 lead in the bottom of the second.

The Blackhawks then proceeded to outscore their opponents 8-2 in the next two innings as they moved ahead 13-5 after four innings of play. Trailing 15-6 in their last turn at bat in the seventh, ERA/Best Realty scored 3 runs, but still came out on the short end of a 15-9 final score.

Dale Evins had a homerun and 2 singles in 4 times at bat for the Blackhawks, while a teammate (Mike Stone) was 4 for 4 with a double and 3 singles. ERA/Best Realty was led by Steve Blanche, who rapped out 3 singles in 4 at-bats.

In two other tournament tilts played last week, the Renegades eliminated Vaughn's 5-3, before being knocked out of the tourney by 17-9 loss to ERA/Best Realty.

In the Renegades vs. Vaughn's contest, the 'gades scored 3 runs in the first inning, and added 2 more in the fourth to take a 5-0 lead before Vaughn's was able to break the scoring ice with 2 tallies in the sixth and 1 in the seventh. The game's leading hitter was Jerry Killeen, of the Renegades, whose 2 for 3 effort at the plate included a triple and a double.

The Renegades' loss to ERA/Best Realty was triggered by an 8-run third inning by the Realtors, who had been trailing 4-0 up until that point in the contest.

ERA/Best Realty then settled down to the task at hand by adding 5 runs in the fourth inning and 4 more in the fifth to build up a comfortable lead of 17-5. This turned out to be more than enough to win the game.

Amos Blanche led ERA/Best Realty with a double and 3 singles in 4 times at bat, while Bennie Williams was the leading hitter for the Renegades. He had a home run, a double and a single in 4 trips to the plate.

The Skipper sez



All China Lakers, including military personnel, civilian employees, and their dependents are invited to submit questions to this column. Such queries must be in good taste and pertain to matters of interest to a large segment of the China Lake community. Answers to these questions are directly from Capt. Lahr. Please call NWC ext. 2727 with your question and state whether you are a military member, civilian employee or dependent. No other identification is necessary. Since only three or four questions can be answered in the Rocketeer each week, anyone who would like to ensure getting an answer to a question may leave name and address for a direct contact, but this is not required otherwise. There is no intent that this column be used to subvert normal, established chain-of-command channels.

QUESTION

Civilian employee — I would like a response to the question of whether we have freedom of speech to express our personal opinions about poor management or unwise expenditures, cases of fraud, waste or abuse, or are we going to get banned from the base and kept from performing our job if we do this?

If there is some kind of an authority that says we cannot express ourselves, I would like to have that published so that we could get copies of it and so we can see that we really don't have that right. Thank you.

ANSWER

There is no authorization that I know of that restricts the right of an NWC employee from criticizing the leadership of the Center. If there is, it is being violated on a regular basis. But I'll bet that you know that as well as I do. I think you have something else in mind. Maybe this info will help.

Currently there are 56 names on the active stop (banned) list. Believe me, they are all there for good reason and I can assure you that none of those reasons has to do with public or private criticism of Center policies or leadership.

QUESTION

Civilian — Regarding this white blood count problem, why isn't the new testing being made under a command decision? Whenever I try to convince people it's for their own good, all they think is that it's a check for drugs, etc. My husband and I have lived with this bone marrow failure and low white blood count for over 8 years now. No one seemed to give a hoot until Capt. Haff and you, I hope, went out on a limb to get all this new equipment. Now, only half the workers, I understand, are even bothering to get the testing done. Navy doctors say it's all for naught if we don't get 100 percent. As I said, most people think it's for a drug check and it's a waste of their time. Some are even afraid of giving one vial of blood because it might hurt them. It's all a bunch of baloney until it affects them, of course. Some people even believe it is a way to get a medical retirement. I'd rather have health than that. Unless it's a command decision, we will never get 100 percent. I'd like to know why it's not being made soon. Thank you.

ANSWER

I share with you your concern about reaching a 100 percent participation rate in this Center's Leukopenia Program. However, it needs to be said that there are laws, rules and instructions governing the use of human beings involved in research programs. Two of the main tenets of these laws, rules and regulations are: (a) the individual who is being asked must be fully informed; (b) the individual must give his or her consent before participating in any research program. Therefore, much as I might want to, there is no way that I can make people participate in this program.

QUESTION

Civilian employee — Please explain the new golf course fee structure that discriminates against non-DoD area residents. This policy seems to conflict with policies towards other Center facilities, such as the gymnasium and theater. Thank you.

ANSWER

The golf course fees discriminate for or against all categories of participants, not just non-DoD types. For example, lower ranking enlisted folks pay less than chief petty officers, chiefs pay less than officers and officers less than civilian DoD employees. At the top of the scale are non-DoD area residents.

I think that's entirely appropriate and, contrary to your statement, that principle is carried out throughout the recreational system of NWC with the exception of the theater. In the case of the Auto Hobby Shop, which has limited facilities, non-DoD civilians are not allowed to use the shop at all.

If we were to reach a saturation point on any of the other recreational facilities we would be similarly forced to exclude non-DoD civilians. I hope that doesn't happen. For your information, most Navy golf courses do not allow DoD civilian employees to use the facilities, much less area residents. Aren't we fortunate? You're welcome.

QUESTION

Civilian — Why don't we have a work dress code on Center? We have a lady who works with us in ordnance and she wears a sunsuit to work. I just don't think this is appropriate. Thank you.

ANSWER

I'll pass on setting a dress code for NWC. I've got all the notoriety I can handle with base appearance, health and welfare inspections and burro roundups. However, I do have empathy for your situation. I just believe that those situations should be handled at a lower level. Please talk to your supervisor about the problem.

Federal Women's Day to offer varied programs on August 25

Wednesday, August 25, has been set aside as Federal Women's Day, an event sponsored annually by the Federal Women's Program Committee.

All men and women throughout the Center are encouraged to attend any or all of the scheduled special presentations.

With the exception of the luncheon, all of the day's events will be held in the Michelson Laboratory Auditorium.

The morning's activities will begin at 8 a.m. with a panel discussion called "Career Couples Speak Out." Panelists will be Karen Alieri and Jim Bryant, Rud and Natalie Stone, and Kelly and James Clark.

Following this from 9:10 to 10:10 a.m. will be a film entitled "The Life and Times of

Rosie the Riveter."

The morning's program will be completed with a seminar entitled "Merit Promotion Strategies," scheduled for 10:15 to 11:15. The seminar will be presented by Personnel Management Specialist Jack Murray.

A highlight of the day will be a talk by Jerry Zaharias during a lunch meeting at the Enlisted Mess. His talk will focus on "Self-Image as a Multiplying Factor of Dynamic Living," from his popular seminar on "Recipe for Dynamic Living."

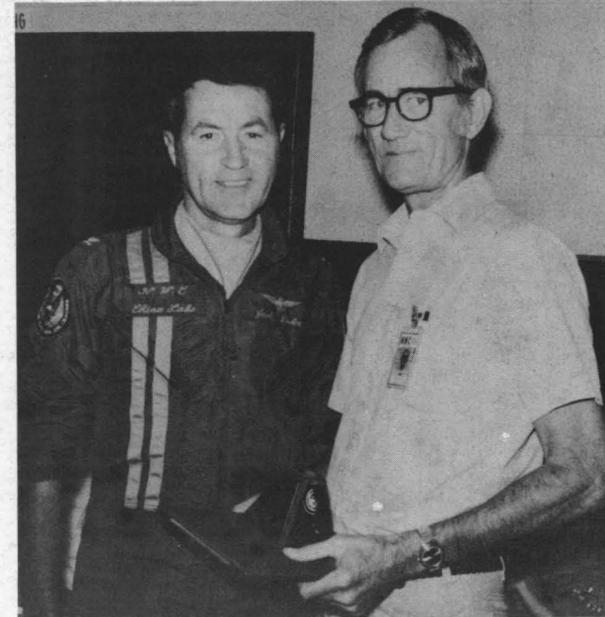
Luncheon reservations must be made before 4:30 p.m. on Friday, August 20. They may be made by telephoning NWC ext. 2634 to give names and menu selections (choice of broasted chicken or chef's salad, each priced at \$4.00) for each person planning to

attend. Cancellations will be accepted until 4:30 p.m. on Monday, August 23. After that the luncheon must be paid regardless of attendance.

The afternoon session will begin at 12:45 p.m. with a 45-minute National Science Foundation film entitled "Science: Women's Work."

The day's activities will conclude with a 3-hour seminar presented by Ronnie Calahan, a well-known time-management specialist and president of her own company, Time Management Enterprises.

The seminar, entitled "Getting a Handle on Time," will get underway at 1:15 p.m. Seating for this event is limited to 168 persons on a first-come first-serve basis.



CONTRIBUTION HONORED — Ralph Disch, head of the Commercial Activities Program, holds the Commander's Award that he has just received from Capt. Lahr.

Commercial Activities Program Manager earns Cmdr.'s Award

Ralph O. Disch, program manager for the Center's Commercial Activities Program, received the Commander's Award for Excellence in Mission Support last Monday morning for his leadership and direction of the work done in that program.

Capt. Lahr, in making the presentation of the letter of commendation and inscribed pyramid-shaped paperweight that comprise the award, pointed out that Disch and his team were responsible for the largest cost comparison study to date in the Navy under the rules of OMB Circular A-76 and related documents. At stake were 253 civil service positions on the Center, and the most economical method for carrying out these functions.

Disch and his team prepared the Center's bid on the jobs; a private contractor also bid, but the government bid was lower. This is the first time, said Capt. Lahr, that the government's bid on a major program has been lower.

Despite the very complicated and complex process, the study was completed before the deadline that had been set by Washington. Adding to the complexity of the study was that its direction changed often during the process of preparation, but Disch and his staff adapted to each change smoothly and moved through each milestone in a competent, professional manner.

The Skipper pointed out that because this was such a large and complex study, Washington was closely watching all phases of the study. "What's really good," he added, "is that the study was completely honest and is, therefore, completely defensible. Honesty is always the best

policy."

"Ralph is one of our most dedicated people," Capt. Lahr said. "However," he added with a chuckle, "I'm not sure that he's one of our smartest because he could have retired and instead elected to stay on and tackle this massive task."

Disch came to China Lake in March 1959 as a management analyst in what was then Central Staff and is now the Office of Finance and Management.

From there, he became the business manager of the Condor Missile Program, and remained in that position for 11 years. When the missile was cancelled by Washington, he returned to the Office of Finance and Management until he was tapped to head the Commercial Activities Program for NWC.

Center's SAR helo retrieves downed hang glider pilot

A hang glider pilot from Santa Ana, Calif., got an unexpected ride down from the site of his gliding Sunday night — he was flown down the White Mountains from about two miles north of Papoose Flats in the Center's Search and Rescue helicopter.

At about 4 p.m., the SAR helo had been put on standby because Keith Lamb was reported as missing. He was located by the Civil Air Patrol, which directed the Inyo County Search and Rescue Team to the location of the downed hang glider pilot.

The Inyo Search and Rescue team drove in with a four-wheel drive vehicle, found Lamb, determined that he had a broken leg and required medevac by helicopter so that his injury would not be further aggravated by driving over the rough terrain.

LCdr. Byron Dieckman piloted the Center's SAR helo, with LCdr. Chip Lancaster as co-pilot, to an area suitable for landing that had been spotted by the Inyo County team.

"Their work made it easy for us to do our job," said LCdr. Dieckman. "Landing a helicopter in the mountains at night when the wind is blowing can be tricky unless someone on the ground helps."

The injured man was flown to the hospital at Lone Pine for treatment, and the SAR helo was back at NWC within a total of two hours.

Crewmen on the helo (besides the pilots) were AD1 Skip Colson, AO3 Timothy Hill, and HN Mark Harrington.



MEMENTO — Capt. Lahr presents Lcdr. Greg Waddington an NWC plaque in honor of his 5 years of service to Center personnel at the NRMCMC branch clinic.

LCdr. Greg Waddington receives Navy Achievement Medal; retires

Last Friday was a memorable day for Lcdr. Gregory Waddington, who was Officer-in-Charge of the NRMCMC branch clinic; he received the Navy Achievement Medal prior to his change-of-command ceremony in which Lcdr. Royle Pariseau became the new Officer-in-Charge, and he retired from the Navy after 26 years of service.

Capt. L. H. Eske, Commanding Officer of the NRMCMC, Long Beach, presented the Navy Achievement Medal to Lcdr. Waddington on behalf of the Secretary of the Navy.

The medal was awarded Lcdr. Waddington for his work in establishing a comprehensive health care system for the active duty and retired military personnel and their dependents and the NWC workforce that are supported by the branch clinic of the NRMCMC.

He was also commended for serving as a focal point to coordinate the many and varied details involved in planning and implementing the Low White Blood Cell Study at the Center.

The citation concludes that "His excellent New enlisted report form to be required as early as Oct. 31

A redesigned enlisted performance evaluation report, which will replace the three enlisted report forms now in use, has been approved by the Chief of Naval Operations. Use of the new forms may be required as early as Oct. 31 of this year.

The redesigned forms will use the "traditional" 4.0 scale and will evaluate the performance of naval enlisted personnel in five general areas. The areas are professional factors, personal traits, self expression, leadership and management. Each major area will contain subcategories that will be graded.

Major changes include separate blocks for advancement recommendation, use of concurrent reports to document TAD periods, and a grading summary which will be required for E-4 and above. Another new feature is that "frocked" petty officers will be evaluated and compared separately in the frocked paygrade.

The Naval Military Personnel Command reviewed many alternatives before recommending the redesigned form to the Chief of Naval Operations. The Fleet Master Chiefs' Advisory Panel participated in the redesign process with many of their suggestions being incorporated in the new evaluation form. NAVMILPERSCOM Instruction 1616.1A will provide detailed instructions for the new forms.

ceptional professional ability, initiative, and loyal dedication to duty reflect great credit upon himself, the Medical Service Corps, and the United States Navy."

Capt. Eske then called Lcdr. Waddington's wife, Miriam, to the fore and presented her with a letter of appreciation of the contributions to her husband, family and the Navy.

The citation read, in part, "Your unqualified support, loyalty, and cheerful attitude in accepting the rigorous demands on a Navy wife are truly worthy of the highest praise. Your delightful, always effervescent personality radiates warmth and genuine concern for your fellow man."

During the ceremonies Capt. Lahr noted in his address that he had never seen a finer branch clinic than the one at NWC, and "No unit can excel without somebody at the front that's outstanding."

Bill Davis, head of the Safety and Security Department, expressed the appreciation of the Center for the outstanding industrial hygiene program that has existed during the 5 years that Lcdr. Waddington was Officer-in-Charge at the NRMCMC branch clinic.

Lcdr. Waddington and his family are moving to the Berkeley area where he will continue his studies for the ministry.

AO1 Jesse L. Clayton is chosen VX-5 Sailor of Month for June

Aviation Ordnanceman First Class Jesse L. Clayton was chosen as Sailor of the Month for June by Air Test and Evaluation Squadron Five.

AO1 Clayton, who completed his tenth year of service in the Navy on July 12, was commended for his exceptional performance, based on his continued outstanding military bearing, personal appearance, dedication to duty and professionalism while assigned to VX-5.

A letter of commendation signed by Capt. P. F. Hollandsworth, Commanding Officer of VX-5, states that "You are to be commended for your exemplary devotion to duty, your sense of responsibility and your outstanding application of the principles of good leadership. Your record of personal behavior and accomplishment is in keeping with the highest traditions of the Naval service."

Petty Officer Clayton enjoys working on the F-18 Hornet in the Ordnance Shop at Hangar One. He says that he joined the Navy from his home in Browns Mills, N. J., because he liked airplanes and wanted to work on them, and that the F-18 is the best one he's had an opportunity to work with.

VA's Loan Guaranty Program expands to include VA GEMs

The Veterans Administration's Loan Guaranty Program has expanded its services to veterans and their dependents with the acceptance of Growing Equity Mortgages (GEM).

Under the new mortgage concept, loans are arranged to mature much earlier than standard 30-year mortgages. In some cases, the loan could be satisfied in 11 years, even though early mortgage payments are in the same amount as those for a 30-year loan.

This early payoff results from the gradual increase in mortgage payments, typically no more than three to five percent each year. Unlike variable interest rate mortgages, all of the payment increase is applied to principal rather than interest, resulting in an accelerated reduction in the loan balance.

Like other types of VA financing, VA-guaranteed GEMs are obtained through mortgage lenders and other traditional residential loan sources.

Interested persons should contact the Ridgecrest Office of the Kern County Veterans Service Department, 400 N. China Lake Blvd., for more information.

A newlywed, he and his wife, Carolyn, enjoy all types of outdoor activities. Petty Officer Clayton is especially fond of volleyball and fishing, and he and Carolyn have also camped at Lake Isabella on her days off from El Charro Avitia, where she is employed.



AO1 Jesse L. Clayton

"I tried water skiing there," he comments, "and nearly killed myself. For one thing, it was earlier this year, the water was cold, and I nearly froze."

For being selected as Sailor of the Month, Petty Officer Clayton received a letter of commendation, a VX-5 plaque with his name inscribed on it, a 72-hour weekend pass and one month free duty. He also got a reserved parking space at the hangar, and the use of a new car from Desert Motors to put into that parking space.

Benny Sugg award presented to 2 in Range Department

A Beneficial Suggestion award in the amount of \$375 was presented recently to two employees in the Range Department for their design and fabrication of an improved working release mechanism used in Whirl Tower testing.

The recipients of the award, which was presented by R. V. Boyd, their department head, are Billy L. Herron, an instrument mechanic, and Kenneth C. Hire, an engineering technician.

The previously used "squib and black powder" device was inherently hazardous because of the smokeless powder used as a combustant. The explosive nature of the mechanism necessitated observance of time consuming and costly handling and transportation procedures.

The new release mechanism uses a blank rimfire cartridge and is fired by a solenoid used a firing pin. The development of this "power load" device has greatly reduced hazards, enabled shortened turn around times between tests, and simplified explosive transportation procedures.

Dependent on the number of Whirl Tower tests performed, an estimated \$6,500 in yearly savings can be expected with the implementation and use of this device.

TEL-MED TAPE OF THE WEEK
WEARING SEAT BELTS can reduce the risk of serious injury or death in case of accident by as much as 90 percent, but fewer than one out of six people wear them. For more information on seat belts and automobile safety, call Tel-Med anytime at 446-3541 and ask for tape No. 150.

Police reports . . .

Six persons were arrested during the month of July for driving while under the influence of alcohol on the Naval Weapons Center.

Utilities Conservation Reminder Program reinstated on Center

The Utilities Conservation Reminder program was recently reinstated by the China Lake Police Department because of Capt. Lahr's expressed interest in conserving energy resources. The purpose of the program is to alert personnel — both Center employees and residents — to the waste of energy so they will correct the situation.

In general, residents are cited for excessive water runoff during lawn watering, and employees for leaving lights on after hours in work areas. These problems are often observed in the wee hours of the morning when it is hard to get the respon-

sible party to correct the difficulty. Efforts to reduce these incidents in the past have not been entirely successful and alternatives are under consideration.

Energy waste existed prior to the oil embargo but did not impact grossly on dollars spent on utilities; with the increased cost of utilities, any waste impacts. Energy rates today have more than doubled since the oil embargo.

Energy waste indirectly affects the Center's ability to satisfy mission requirements as more and more of the maintenance (G&A) funds are redirected to pay utility bills. Since the Center is unable to control utility rates, the only alternative is to ensure efficient use of the energy purchased.

Individual employees and Center residents can both contribute to zero out waste.

Story hour at library

This month the Center Library will be giving three hour-long story sessions for children of all ages, beginning next Wednesday, Aug. 11, at 10:00 a.m. and continuing Aug. 18 and 25 at the same time.

All story hours will be held at the Center Library in Bennington Plaza. For more information, contact the Library by calling NWC ext. 2595.

Remember when . . .



His wife calls this her favorite picture of the man in her life, and no wonder. The photo was taken some 30 years ago when the subject was involved in aerodynamic research and design studies while employed as a physicist in the Research Department of NOTS, China Lake.

His appearance, which could be taken for that of a big man on campus at some center of higher learning, belies the fact that fate served him a rough hand to play out during World War II, when he was a prisoner of the Japanese for more than three years.

A thick stack of old medical bills bears mute evidence to the cost of regaining his health once the war was over.

August of 1945, he was able to resume a Civil Service career that had been interrupted by the war by beginning work here as a physicist in the Aircraft Projects Office — a forerunner to the old Aviation Ordnance Department — and he has remained at China Lake ever since.

His preparation for positions of ever-increasing responsibility at NOTS and later for the Naval Weapons Center included graduation from Occidental College and graduate work at the University of California prior to World War II, as well as a year of educational leave (1947-48) at UC Berkeley, where he polished up a bit on the skills necessary for his work as an ordnance engineer that had become a bit rusty during the lengthy time he was a POW.

If you haven't recognized who this long-time Center employee is, turn to Page 8.

Editor's note: Readers' contributions of old photos for the "Remember When . . ." column can be made by delivering them to the Public Affairs Office, Code 003, phone 3511, attention: Mark Hucek. Please include a telephone number at work so that information to accompany the photo can be obtained.



CONGRATULATIONS EXTENDED — Dr. Bruce T. Lucas is commended by Dr. E. K. Kutchma (at right), head of the Aircraft Weapons Integration Department, on a patent that he received for automatic target screening. Dr. Lucas is employed in the Target Recognition Systems Branch of Code 31. — Photo by Don Cornelius

White Blood Cell Count Study benefits all

More than 2,000 volunteers have already given blood samples in the White Blood Cell Count Study begun at the Naval Weapons Center in February, and only a little more than one-half of the Center personnel have so far been asked to participate. Although the response can be called good, we hope it will improve.

Any misunderstanding of the procedures and objectives of the White Blood Cell Count Study can pose a serious problem that could impede the study's progress. Some persons at the Center have raised pertinent questions or held reservations regarding this study. In order to dispel this understandable confusion, we would like to clarify the concerns that have been brought to our attention.

It is not true that the "study is all for naught" without 100 percent participation. However, a high response rate is desirable for two reasons.

The first concerns the immediate benefits to the individual. An abnormal white blood cell count can only be detected through laboratory blood analysis. This study offers each person at the Center the opportunity of having this test performed and the results made known to that person. If a chronic low white blood cell count is uncovered, the person is encouraged to have further evaluation made by members of the hematology staff at the San Diego Naval Regional Medical Center.

Secondly, a high participation rate increases the validity of the interpretation of results for the entire population. One of the aims of the study is to develop a hematological profile of the personnel at NWC, to compare profiles among different occupational groups at NWC and to compare the NWC profile with one derived from a sample of the total U.S. population as reported this year by the National Institutes of Health.

Because of the unique environmental factors at NWC, such as its isolated desert location, what may appear unusual elsewhere may be normal at NWC. One way to help determine this is to compare different occupational groups at the Center who have different occupational exposures, but who at the same time share the unique high desert environment.

As Dr. Peggy Rogers has said, "It doesn't matter if you are exposed to chemicals or a typewriter; we need your blood in order to make comparisons that may point toward possible causes."

The information obtained on any

proportion of the population is useful. It will be difficult, however, to generalize from those who participate in the study to the entire population without a high response rate. The reason for this is that we will not know what factors caused some to participate and others to refrain from participation.

The unknown selection factors may influence the results in ways that are unpredictable. Therefore, the higher the percent of participation, the less the possibility for these unknown factors to bias the findings with regard to the prevalence of low white blood cell counts.

One type of selection bias could occur in the following way: A person knows that his or her white blood cell count is normal from some other source, such as a private physician or a routine blood testing program. As a result, the person feels that his or her participation in this study is not really necessary. As a result of this reasoning, we would underestimate the number of people with normal white blood cell counts because we are not including this individual.

If you multiply this situation by all the people who may have reason to believe that their white blood cell count is normal and they do not feel they need to participate in this study, it becomes clear why we may greatly underestimate the number of people with normal white blood cell counts. This same reasoning, if held by persons with low white blood cell counts, could lead to an underestimate of the number of people with this condition.

The rumor that the blood samples may be used for testing for the presence of alcohol or drugs is absolutely untrue. The only analysis performed on the blood collected for this study is a complete blood cell count as stated on the informed consent form signed by each participant. This restriction is assured each participant by the United States Privacy Act of 1974 and is restated by the Department of the Navy in SEC-NAVINST 3900.39A of March 1978.

This study also follows the policy of the World Health Organization which prohibits the release of any individual's medical information obtained for research purposes for any administrative or legal purpose. All study records are kept completely separate from other records and are not included in the person's medical file at the Branch Clinic unless the individual specifically requests that his study results be made known to the medical staff at the Clinic for

the purpose of medical evaluation.

There are study procedures and design safeguards as well. Following the drawing of blood, the sample is transported directly to the NWC Branch Clinic where the count is performed on automated machines that have no capabilities beyond performing blood cell counts.

It was a Command decision to conduct this research project. This commitment on the part of the Command to support this medical research indicates a deep concern for the well-being of the people at the Center. At the same time the freedom of choice for each individual must be preserved.

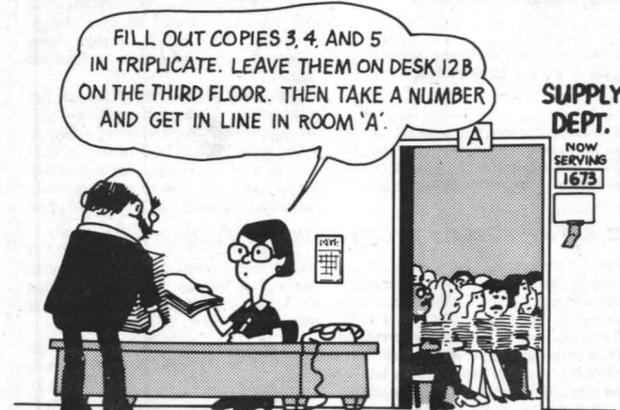
It should be considered that the likelihood of benefit for each individual in the study may vary. A person who has a low white blood cell count may benefit to a greater degree than someone who falls into the category of a "normal white blood cell count." Yet we cannot order any person to participate, regardless of individual benefit.

It is against federal law and regulations to mandate an employee's participation in such a study. Because of this, we urgently asked for the voluntary participation of all NWC personnel rather than to demand mandatory participation. At the same time, we emphasize that everyone may benefit from the study, both individually and as a population, by the knowledge that will be gained.

It is hoped that the findings of this study will help to dispel the areas of the unknown that have surrounded the present concern over low white blood cell counts. If there is some undetected factor affecting everyone at China Lake, full participation by the personnel at NWC will help us to detect it. Beyond this, such medical research benefits society as a whole and each person who participates makes an important contribution.

We hope that these explanations will clear away some misunderstandings about the study and will bring attention to the pressing need for all the personnel at the Center to volunteer to participate. This program has been developed for them, and each person who volunteers becomes a valuable part of a study whose final contribution may be even greater than we can now predict.

By Frank Garland, Ph. D.
Principal Investigator
White Blood Cell Count Study



WE'RE CHANGING! Give us a chance to prove it.