

Summer school for local youngsters to start on Monday

A varied and interesting five-week summer school program open to pre-first through pre-eighth graders will be offered beginning on Monday and continuing on weekdays through Friday, July 29, by the Sierra Sands Unified School District.

According to James C. Georgeau, director of the summer programs, primary (pre-first through pre-fourth) classes will be held at all of the district's elementary schools except Vieweg, while the elective program is to be conducted at Murray Junior High School. Classes will be in session on weekdays from 7:30 a.m. to 12:30 p.m., with the exception of the holiday on Monday, July 4.

Already under way is a summer program at Burroughs High School, which is being conducted in two sessions—from June 13 to July 29 and from July 5 to Aug. 19. A total of 714 students are signed up for the high school courses, with another 833 enrolled in the primary and 811 in the elective program.

Late registration will be accepted at any time during the summer program, and families who will be starting out early on their summer vacations are encouraged to enroll their youngsters in summer school program when they return.

Primary Program Expanded

This is the first time that pre-fourth graders have been included in the summer school's primary program. The curriculum for it includes basic academic subjects in terms of remedial help and advancement or enrichment, as well as woodwork, leather work and arts and crafts at a skill level suited to the ages of the pupils.

Fourth through seventh graders enrolled in the elective program at Murray Junior High School are required to register for four classes from a wide choice of offerings that ranges from mathematics, remedial reading and foreign language courses to music, woodshop, physical education, ceramics and cooking.

A greatly expanded list of classes in both academic and non-academic areas is being offered this summer at Burroughs High. Many of these classes are in the basic subjects which, prior to this summer, have been taught only during the regular school year.

The number of certificated personnel who will be involved in the summer program totals 32 at Burroughs High, and 26 each at Murray Junior High and for the primary program. In addition, a number of student aides will assist with the instruction.



ON EXHIBIT — Inspired by century-old New Guinea sculpture, Cerro Coso Community College art student Eunice Covert recreated the style in an aluminum casting mounted on walnut. Her sculpture may be seen in the school's second-floor art gallery, along with other student works, through the month of June from noon until 7 p.m. on Monday through Thursday and on Fridays from noon to 3 p.m.



—Photo by John Dunker

ONE, TWO, THREE — Going over the fine points of classic bump and grind style are Lenore Edwards, who plays Momma Rose in the upcoming Community Light Opera and Theater Association production of "Gypsy," and the show's director, Robbie Robbins, who also choreographed this number. This play, which concerns the life of famed stripper Gypsy Rose Lee, will be performed at the Burroughs High School Lecture Center on July 8, 9, 15 and 16. Tickets, priced at \$4 for adults and \$2.50 for students, senior citizens and enlisted military personnel, are on sale at the Gift Mart, Medical Arts Pharmacy and the Importium, all in Ridgecrest.

Gala Fourth of July fete to be held at Desert Empire Fairgrounds

The Desert Empire Fairgrounds in Ridgecrest will be the setting for a gala Fourth of July celebration that will begin at 3 p. m. on Independence Day and conclude some time after dark with a fireworks display.

Tony Martin, manager of the Desert Empire Fair, Inc., is coordinating plans for this admission-free communitywide event, which will include games and activities for all ages.

Shaded outdoor picnic areas will be available for the use of those who would like to bring their own picnic fare, and there will be a large barbecue set up for broiling hamburgers and hot dogs.

In addition, hamburgers and hot dogs will be on sale at the Knights of Columbus booth on the fairgrounds, while the Ridgecrest Chamber of Commerce will be selling cold beer and soft drinks.

Appetites will be whetted by such activities as a tug-of-war and greased pole climb for youngsters, and there will be an on-going horseshoe tournament for all ages. Pie-eating and watermelon-eating contests also will be staged. There will be prizes for the winners of these events.

For those who prefer being indoors during a summer afternoon, air-conditioned Joshua Hall will be open, chairs will be set up, and music and other forms of entertainment available.

Information available on recreation areas in Sierra Nevada

With school out and summer vacation at hand, many people will be traveling to the Sierra Nevada Mountains on vacation trips.

As an assist to such persons, the U.S. Forest Service is providing information on recreation facilities that are available as well as fire danger information. It can be obtained by calling:

Bureau of Land Management in Bakerfield, (805) 861-4191; Sequoia National Forest, Porterville (209) 784-1500; California Department of Forestry in Fresno (209) 222-3714; Sequoia and Kings Canyon National Parks (209) 565-3351.

Others are: Owens Valley Interagency Visitor Center in Lone Pine, (714) 876-4589; Inyo National Forest in Bishop, (714) 873-5841; Yosemite National Park (209) 372-4222; Stanislaus National Forest in Sonora, (209) 532-9784; Toiyabe National Forest in Reno, (702) 784-5331; Eldorado National Forest in Placerville, (916) 622-5061; and Lake Tahoe Basin Management Unit, South Lake Tahoe (916) 544-1130.

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
Regular starting time—7:30 p.m.
Program subject to change without notice—please check marquee.

FRI. 24 JUNE

"AT THE EARTH'S CORE" (90 Min.)

Doug McClure, Peter Cushing
(Science Fiction) A huge burrowing machine nicknamed "The Iron Mole" (created by scientist Dr. Perry—Peter Cushing) is ready for an experimental run before undertaking its main task—that of piercing the earth's core and exploring the mysteries deep beneath the surface of our planet. The machine begins its downward trek. Suddenly, tunneling out of control at a ferocious speed, it cuts through to the center of the earth. Here a strange civilization is encountered in which prehistoric animals dwell along with predatory humans. (PG)

SAT. 25 JUNE

"THE HUMAN FACTOR" (96 Min.)

George Kennedy, John Mills
(Drama) This film is a gripping account of one man's singleminded vendetta against a highly organized gang of terrorists who brutally, and without motive, massacred his wife and children. (R)

MON. 27 JUNE

"KING KONG" (134 Min.)

Jeff Bridges, Jessica Lange
(Drama) In this remake of the renowned 1933 spectacular, the giant ape King Kong is again captured and displayed in New York. Breaking out of his cage, he creates havoc in the city until he finally meets his end when his bullet-ridden body falls from the top of the towering World Trade Center complex. (PG)

WED. 29 JUNE

"A SMALL TOWN IN TEXAS" (95 Min.)

Timothy Bottoms, Susan George
(Action Drama) Poke (Timothy Bottoms) — the small town's wild one, football hero, hard drinker and general hell-raiser—is released from prison after serving a three-year sentence and returns to Texas to clear his name. He has a burning desire to get even with the town sheriff, who he feels framed him. He is also anxious to see his girl friend, who bore him a child out of wedlock. (PG)

FRI. 1 JULY

"DRIVE IN" (96 Min.)

Lisa Lemole, Gary Cavagnaro
(Comedy) The drive-in of a small southwestern town is the gathering place where an assortment of characters resolve a series of teenage dilemmas through a variety of comic escapades. The opening scene introduces the central characters as they view "Disaster 78", a spoof of the current cinema catastrophe craze. (PG)

SAT. 2 JULY

"BOBBIE JO AND THE OUTLAWS" (84 Min.)

Marjoe Gortner, Lynda Carter
(Action Adventure) The winner of a "quick draw" rodeo competition is a would-be gunslinger (Gortner) who idolizes Jesse James. Stealing a souped-up Mustang car, he leads a state trooper on a wild chase that ends in disaster. (R)

FRI. 1 JULY

"FREE MOVIE MATINEE SET"

A series of free Saturday matinees, for adults as well as children, will be shown on Saturdays at the Center Theater beginning tomorrow and continuing for 12 weeks.

The doors will open at 1 p.m. and the program, consisting of a short subject and a main feature, will begin at 1:30.

All movies are rated G and range from "vintage" westerns and sea stories to World War II adventure films and science fiction. Scheduled for this Saturday are "The Buckaroo Sheriff of Texas" and a short story entitled "Barney and the Choir."

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From: _____ PLACE STAMP HERE

To: _____



Naval Weapons Center
China Lake
California

June 24, 1977
Vol. XXXII, No. 25

Navy helicopter plays key role in mt. rescue

Two Lancaster area residents learned the hard way something about the hazards of being unprepared for inclement weather while on a climb up Mt. Whitney last Sunday.

The two mountaineers, Charlie Brown and Sam Gonzales, were the victims of exhaustion and numbing cold brought on by snow and below-freezing temperatures when forced (unexpectedly) to spend Sunday night on the mountain.

Thanks, however, to the availability of the Naval Weapons Center's search and rescue UH1N "Huey" helicopter, the problem of getting them off the mountain safely was handled routinely and without incident.

Helicopter Pressed to Limit
Even at that, however, according to Lt. Col. D. E. P. Miller, USMC, pilot, the powerful helicopter was pressed to the limit of its capability to land and lift off with two crew members (AD2 Al Ortiz and AD3 Bill Rossi), three members of the China Lake Mountain Rescue Group and the two exhausted mountain climbers on board, since the pickup was made at an elevation of 12,500 ft.

First word of the predicament of the two men from Lancaster was received by Dr. Bill Stronge, CLMRG team leader, from a deputy sheriff in Lone Pine at 4 a.m. Monday. As he and two other CLMRG members — B. J. Holden and Rick Davis — were getting together as an advance party to size up the situation they were notified that the Navy helicopter was about ready for takeoff at 5:30.

The "chopper," with Lt. Col. Miller at the controls, landed at Trail Camp — the last camping spot on the trail to the top of Mt. Whitney, and Dr. Stronge and the other CLMRG members learned from some Boy Scouts who were camped at the lake there that two men had run into difficulty at Trail Crest — another 1,000 ft. higher up the mountain from Trail Camp.

(Continued on Page 5)



SPECIAL HONOR BESTOWED — During a luncheon held Wednesday at the Commissioned Officers' Mess, Capt. Frederic H. M. Kinley (at left), NWC Commander, presented L. T. E. Thompson Awards to (l. r.) Capt. William B. Haff, Dr. Guy W. Leonard and Milton K. Burford. Presentation of the William B. McLean Award was made by Dr. Marguerite Rogers (at right), on behalf of R. M. Hillyer, acting Technical Director, to Samuel A. Miller. A second recipient of the McLean Award, George Silberberg, was unable to be present for the ceremony, but will receive his award at a later date. —Photo by Ron Allen

5 of NWC's outstanding employees singled out to receive Thompson, McLean Awards

Five of the Naval Weapon's Center's outstanding employees were honored at a luncheon this past Wednesday during which the L.T.E. Thompson Award (the Center's highest recognition for outstanding individual achievement) and the William B. McLean Award (which recognizes exceptional creativity) were presented.

Capt. F. H. M. Kinley, NWC Commander, was joined by Dr. M. M. Rogers, acting for R. M. Hillyer, the acting Technical Director, in making the presentations.

Singled out for this special distinction were Dr. Guy W. Leonard, Capt. William B. Haff, and Milton K. Burford, who each received the L.T.E. Thompson Award, and Samuel A. Miller and George G. Silberberg, recipients of the William B. McLean Award. Silberberg, who was on travel Wednesday, will receive his award at a later date.

Up until this time, nine military and 47 civilian employees of the Naval Weapons Center have received the Thompson Award "for outstanding contribution to the advancement of ordnance and thus the forces of the U.S. Navy."

By presentation of this award, the Center pays tribute to its first Technical Director, who was the first person to receive the award. Through his leadership, vision, and persistent efforts, Dr. Thompson gathered at China Lake a strong complement of outstanding men and women.

The success of the Center in the field of ordnance has been in great part due to the initial guidance of Dr. Thompson and to his skill in integrating military and civilian personnel into an enthusiastic, effective group.

The award consists of a certificate and a medal which is cast in the likeness of Dr.

Thompson that is inscribed with the recipient's name and the words, "In recognition of outstanding contribution to the advancement of ordnance."

Dr. Leonard, who is currently the head of the Engineering Department, was singled out to receive the Thompson Award "for his demonstrated personal dedication and foresight in the fields of propulsion, pyrotechnics, and energy self-sufficiency. His leadership skills and technical expertise have paved the way for the identification of the problems of the future and the development of workable solutions, thus bringing much recognition to the Naval Weapons Center and the Department of the Navy."

Dr. Leonard came to China Lake in 1957 following an eight-year teaching career at Kansas State College in Manhattan, Kans. He holds a Ph.D. degree in chemistry from the Massachusetts Institute of Technology.

Capt. Haff, who is currently the acting NWC Vice Commander, was recognized for his outstanding individual achievement in the field of management while assigned to the Naval Weapons Center. In the citation that accompanied presentation of the (Continued on Page 3)

Capt. Wilson to become head of Public Works Dept.

Duties and responsibilities of Public Works Officer and head of the Public Works Department at the Naval Weapons Center will be taken over on July 1 by Capt. Robert B. Wilson.

Capt. Wilson, a veteran of 21 years of service as a Navy officer, will replace Capt. William F. Daniel, Jr., who has been assigned to headquarters of the Naval Facilities Engineering Command in Washington, D.C., after serving as head of Code 26 for the past 2 1/2 years.

The new head of the Public Works Department was commissioned as a line ensign in the Navy in June 1956, following his graduation from Duke University in Durham, N.C., with a bachelor of science degree in mechanical engineering.

Assigned initially to duty at the U.S. Naval Station in Newport, R.I., he completed the Civil Engineer Officers' School in 1958 and joined the ranks of CEC officers. Subsequent duties were on the staff of the Commander, Service Forces, Atlantic Fleet through 1960 and as the assistant Officer-in-Charge of Construction at the Naval Station, Roosevelt Roads, Puerto Rico, until July 1963.

A year of higher education followed at the University of Texas, where Capt. Wilson received a master of science degree in

petroleum engineering in August 1964, and then was enrolled in the post graduate program of the California Oil Company's Western Division in Denver, Colo., until May 1965.

With this specialized training and



Capt. Robert B. Wilson

education behind him, the new head of the Public Works Department became the Officer-in-Charge of the naval petroleum and oil shale reserves in Colorado, Utah and midwest Wyoming through April 1967.

For the next two years he was assigned to U.S. Naval Mobile Construction Battalion FIVE — first as executive officer and later as commanding officer — and was then sent to Washington, D.C., to serve as Director of the Seabee Division, Naval Facilities Engineering Command, until May 1972.

A tour of duty as executive officer of the Public Works Center in Norfolk, Va., then followed prior to an assignment with the Atlantic Division of the Naval Facilities Engineering Command as acquisition officer.

Capt. Wilson is coming to China Lake following completion of specialized course work as a student at the Naval War College in Newport, R.I.

His decorations include the Bronze Star Medal with Combat "V," a gold star in lieu of a second such award, and the Meritorious Service Medal.

Capt. Wilson, who was born in Washington, D.C., is married to the former Patricia A. Ingle of Raleigh, N.C. They are the parents of three children, Ellen, Eric and Wendy.

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EMERGENCY MEDICAL TECHNICIANS CERTIFIED — Eight more employees of the Safety and Security Department's Fire Division recently became eligible for certification as emergency medical technician-ambulance (EMT-1A) personnel. Shown during a ceremony in which they were congratulated by W. A. Pahl (at left), deputy fire chief, and received their certificates from Mary A. Shelton, RN, their instructor, are (l.-r.) Guy R. Aday, Michael E. Taylor, Robert D. Metcalf, Mark N. Manning and Anthony I. Taylor. Three others, Robert R. Fox, Paul K. Hupka and Leonard E. Rogers, were unable to be present for the photo. All eight men completed 96 hours of classroom, hospital emergency room and ambulance training in order to qualify for their EMT-1A certificate. They join 37 other NWC firefighters who have completed the course during the past four years. Such training is conducted under the dual jurisdiction of the California State Department of Health and the Department of Education, and is administered locally by Cerro Coso Community College. It is a part of the Fire Division's continuing effort to provide first rate emergency medical services to Naval Weapons Center personnel and their dependents. —Photo by Ron Allen

NWC's Army Liaison Officer to retire with 20 years of service

Lt. Col. Richard F. Boyd, Army Liaison Officer at China Lake since May 1972, was slated to be honored in ceremonies at the NWC Administration Building this morning marking his retirement after 20 years of military service.

A native of Twin Falls, Idaho, he entered the Army through the ROTC program, following graduation from Kansas State University in Manhattan in 1957. Flight training followed at Fort Rucker, Ala., and the Army officer has also attended the Field Artillery Advance Course at Fort Sill, Okla., and the Armed Forces Staff College in Norfolk, Va.

Lt. Col. Boyd was awarded the Distinguished Flying Cross for his part in leading a successful assault mission carried out by the 334th Armed Helicopter Co. during his first tour of duty in the Vietnam War, from January through December 1967. During his second tour in Vietnam (June 1971 to April 1972), he served as commanding officer of the Army's 120th Assault Helicopter Co. stationed at Long Binh.

Upon retirement, Lt. Col. Boyd will return to his hometown to begin work as assistant hospital administrator for public relations at the Magic Valley Memorial Hospital. Traveling with him will be his wife, Jeani, and their two daughters, Cynthia, 16, and Cheryl, 14.

Speaking of his tour of duty at China Lake, Lt. Col. Boyd stated, "I wish that all Army officers had the opportunity to serve with the Navy in a location such as the Naval Weapons Center. The work has been most interesting, but the highlight has been the people we have been fortunate enough to associate with, both military and civilian."



Lt. Col. Richard F. Boyd

The Rocketeer

Official Weekly Publication
Naval Weapons Center
China Lake, California
Capt. Frederic H.M. Kinley
NWC Commander
R.M. Hillyer
Acting Technical Director
Dr. Robert H. Pearson
Head,
Technical Information Department
Don R. Yockey
Editor
Jim Stansell
Associate Editor
Terrie Jacks
Editorial Assistant
Ron Allen
Staff Photographer



DEADLINES
News Stories Tuesday, 4:30 p.m.
Photographs Tuesday, 11:30 a.m.
The Rocketeer receives Armed Forces Press Service material. All are of official U.S. Navy photos unless otherwise identified. Printed weekly with appropriated funds by a commercial firm in compliance with NPP-R P-35, revised January 1974. Office at Nimitz and Lauritsen. Information published in the Rocketeer does not necessarily reflect the official views of the Department of Defense.
Phones 3354, 3355, 2347

Promotional opportunities

Unless otherwise specified in the ad, applications for positions listed in this column will be accepted from current NWC employees and should be filed with the person in the ad. All other desiring employment with the Naval Weapons Center may contact the Employment-Wage and Classification Division, Code 072, Ext. 2049. 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. Employees whose work history has not been brought up to date within the last six months are encouraged to file a Form 171 or 172 in their personnel jacket. Information concerning the Merit Promotion Program and the evaluation methods used in these promotional opportunities may be obtained from your Personnel Management Advisor (Code 096 or 097). Advertising positions in the Promotional Opportunities column does not preclude the use of alternate recruiting sources in filling these positions. As part of the rating process, a supervisory appraisal will be sent to the current supervisor and the most recent previous supervisor of those applicants rated as basically qualified. The Naval Weapons Center is an equal opportunity employer and selection shall be made without discrimination for any nonmerit reason. The minimum qualification requirements for all GS positions are defined in CSC Handbook X-118, while those for all WG, WL and WS positions are defined in CSC Handbook X-118C.

Clerk-Typist, GS-322-3 or 4, PD No. 7728017N, Code 388 — This position is located in the Research Department and is organizationally located in the Aerothermochemistry Division (Code 388). The incumbent's services will be shared between Code 388 and the Physics Division (Code 381). The incumbent performs clerical duties on the secretarial staff of these divisions. Additionally, incumbent will perform editorial work under the direction of an editorial assistant, will provide clerical assistance to a visual information specialist, and perform other duties as assigned. Job Relevant Criteria: Ability to meet deadlines under pressure; ability to get along with others in work group; substantive knowledge of basic English grammar, and adaptability to differing work situations. File applications for the above with Pat Gaunt, Bldg. 34, Rm. 212, Ph. 2514.

Electronics Engineer, GS-855-9/11/12, PD No. 7733042E, Code 3333 — This position is located in the Fuze Project Branch III, Development Division I, Fuze Department. Utilizing experience in the fields of electronics, physics, antennas, and transmission lines, the incumbent designs and develops unique electronic systems and circuits for specific missile fuze applications; performs theoretical and experimental analysis in the process of designing new circuits that may have a future application in fuze systems; designs and correlates the development of test instrumentation; and serves as a consultant to contractors involved in the fabrication of developmental models, prototypes, and test equipment. Job Relevant Criteria: Knowledge of physics, electronics, electro-magnetic wave theory and applied mathematics; ability to plan and conduct measurements of almost every kind; experience in electronic circuit design and evaluation relating to guided missile fuze. File applications for the above with Terry Rowell, Bldg. 34 Rm. 210, Ph. 2371.

Editorial Clerk, GS-1087-4/5, PD No. 7733043N, Code 3372 — This position is located in the Design Documentation Branch, Design Services Division, Fuze Department. The incumbent assists a senior specification writer-editor in compiling, editing, proofreading and review of specifications for completeness prior to obtaining authentication and release for printing; is responsible for establishing and maintaining the files of master specifications, manuals and related correspondence; and is responsible for creating and maintaining magnetic tape records using a Xerox 800 typing system. Job Relevant Criteria: Knowledge of MIL-S-83499 and MIL-S-490, and a familiarity with engineering terms, abbreviations and symbols; skill in arranging complex tabular data; typing ability with experience in the use of magnetic tape; electric typewriters, and ability to plan work effectively and establish priorities. File applications for the above with Terry Rowell, Bldg. 34 Rm. 210, Ph. 2371.

Supply Technician, GS-2005-5/6, PD No. 6922006N, Code 244 — This position is that of a supply technician located in the Industrial and Range Operations Division, Safety and Security Department. The incumbent operates and maintains the Safety Issue Room and Safety Shoe Store, and is responsible for initiating procurement of all safety equipment. This includes selecting appropriate equipment, ordering and stocking. Incumbent maintains inventory and cost records, sells safety shoes to employees and military personnel (this requires advising the customer of suitable shoes and assuring the proper fit); is

(Continued on Page 5)

Fork Lift Operator, WG-5704-6, JD No. 546N, Code 25923 — This position is located in the Delivery Section, Receiving Operations Branch, Material Division, Supply Department. Incumbent operates electric, diesel or gasoline powered fork lifts from 4,000 to 15,000 lb. capacity to load, unload, stack and transport all types of material, including lumber, metals and scientific and electronic equipment. Job Relevant Criteria: Ability to do the work



TOP BUYER HONORED — Capt. Joel D. Killoran (at left), NWC Director of Supply, presents William M. McDonald with a certificate and monetary award for being named the Supply Department's "Small Purchase Buyer-of-the-Month." McDonald, a purchasing agent in Code 2522, is a retired Navy chief petty officer and has been a Supply Department employee since September 1974. The Buyer-of-the-Month program was established to promote increased awareness of procurement professionalism and to recognize the individual who has demonstrated the greatest growth and service during a one-month period.

of fork lift operator without more than normal supervision and to operate equipment safely; reliability and dependability as a fork lift operator; ability to maintain vehicles and to interpret instructions, specifications, etc.

Warehouse, WG-6907-4/5/6, JD No. 362N/33N/369N, Code 2591 — Incumbent performs a number of tasks in connection with the physical receipt, storage or issue of supplies; receives, checks, counts, issues and assembles supplies of all types in accordance with established supply systems, procedures and methods. Job Relevant Criteria: Ability to do warehouseman work without more than normal supervision; work practices, including keeping things neat, clean and in order; knowledge of materials and documents and of warehousing practices; ability to interpret instructions, and dexterity and safety.

Supply Clerk, GS-2005-4, PD No. 7235044N, Code 25753 — This position is located in the Receipt Matching Section, Receipt Control Branch, Control Division, Supply Department. Incumbent has the responsibility to identify material received unmarked or unidentified by the purchase instrument number in order to complete delivery to the requesting activity and make eventual payment. In addition, incumbent processes necessary accompanying documents for contracted items and prepares rejections and item discrepancy reports to commercial vendors on frustrated and unidentified material. Job Relevant Criteria: Knowledge of Supply Department procedures and of security regulations pertaining to secret and classified shipments; ability to cooperate and communicate well with others.

General Equipment Inspector, WG-4903-7, JD No. 385N, Code 25922 — This position is located in the Inspection Section, Receiving Operations Branch, Material Division, Supply Department. Incumbent inspects all material received on Center from commercial vendors. Each item is checked to insure that it conforms with contract requirements and meets specifications relative to type, size, quality, quantity and dimensions. Incumbent inspects for damage and determines responsible agent where possible; rejects items if damaged or incorrect and insures that paperwork accompanies items accepted or rejected; determines if substitutions made by vendor are permissible under terms of contract or purchase order. Job Relevant Criteria: Ability to inspect, to use standard inspection procedures in the area of the job, to interpret instructions, specifications, etc.; knowledge of materials, and dexterity and safety.

File applications for the above with Terry Rowell, Bldg. 34 Rm. 210, Ph. 2371.

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DIVINE SERVICES

PROTESTANT
Sunday Worship Service 1015
Sunday School — All Ages 0900
Sunday School Classes are held in Chapel Annexes 1,2,4 (Dorms 5, 6, 8) located opposite the former Center Restaurant.
Communion Service first Sunday of the Month.
ECUMENICAL
Wednesday Noon Bible Study 1130
Thursday Men's Prayer Breakfast 0630
ROMAN CATHOLIC
MASS
Saturday 1700 fulfills Sunday obligation
Sunday 0700 0830 1130
Nursery, Chapel Annex 1 0815-1245
Daily except Saturday, 1135, Blessed Sacrament Chapel

CONFESIONS 1115 to 1130
1615 to 1645
0800 to 0825
RELIGIOUS EDUCATION CLASSES
Sunday Pre-School thru 6th grades 1015
Wednesday Kindergarten thru sixth 1530
Sunday Seventh & eighth (Junior High) 1900
Above classes are held in the Chapel Annexes across from the former Center Restaurant.
Sunday evening Ninth thru 12th grades
As announced "In Home" Discussion Groups Youth Rallies
Contact Chaplain's Office for specifics.
JEWISH SERVICES
EAST WING—ALL FAITH CHAPEL
Sabbath Services every Friday 1930
UNITARIANS
CHAPEL ANNEX 95
Services—(Sept.-May) 1930

Doug's Corner . . .

(Continued from Page 6)

a captain to Paul Someson at the China Lake golf course no later than Monday.

Swimming Lessons

A new group of swimming classes for children will begin at the Commissioned Officers' Mess pool on Tuesday and continue on weekdays through July 8.

The classes, which will be taught by Monica Simmons, will accommodate 6 to 9-year-old youngsters from 9 to 9:45 a.m., and 4 and 5-year-olds from 10 to 10:45. Course fee is \$10 per student.

Registration for the classes will be held at the COM pool on Monday from 9 until 11 a.m., and prospective students are required to bring swim suits for screening. Further information may be obtained by phoning NWC ext. 2334.

Junior Golf Clinic

Signups are still being accepted for participation in the junior golf clinic now being conducted at the China Lake golf course through July 13.

Instruction is given to young golfers between the ages of 9 and 17 on Wednesdays from 2 to 3 p.m., and includes the fundamentals of golfing rules and etiquette, club selection, putting, driving and chipping. The only fee will be for balls, either 25 or 50 cents, depending on the quantity used. Registration should be made immediately by contacting the course professional, Paul Someson, at NWC ext. 2990.

Intramural Softball League standings

Results as of Tuesday, June 21:

Team	Men's Fast Pitch Div.	Women's Fast Pitch Div.	Slow Pitch National Div.	Slow Pitch American Div.
Fisher Plastering	7	0	8	2
John's Pizza	5	0	7	4
Valley Industrial	5	3	6	4
BSCF	4	4	5	4
W. K. Equipment	3	5	4	4
Hawks	3	0	4	4
Comarco	2	0	3	2
Desert Meats	2	0	3	2
Murray Construction	2	1	3	2
A&K Sparks	2	3	2	2
Brand X	2	2	2	2
Frisbee	2	2	2	2
AVANT	2	2	2	2
VIPS	2	2	2	2
Best Realty	1	4	2	2
CSC	1	5	2	2
Dusty Dames	1	5	2	2
Shacklett's	1	0	2	2
Knights	1	2	2	2
Grand Good	1	3	2	2
Pizza Villa	1	3	2	2
Zephyrs	1	4	2	2
Royals	1	7	2	2
NALC	0	2	2	2
VX-5	0	4	2	2
Bird Oids	0	4	2	2
Raf Pack	0	6	2	2
Ten Commandments	0	7	2	2



EXCITING ACTION — Rounding third base on his way to home plate is Lt. Rodney Maskew of NWC during the second inning of last Friday afternoon's challenge softball game between the officers of the Naval Weapons Center and Air Test and Evaluation Squadron Five. Playing third base for VX-5 is Lt. "Chicken" Fred Braman. The officers of NWC won this match play, four innings to one, on the final day of the local fund drive held to benefit the Navy Relief Society.

Employee in the Spotlight



Charlie McGuire

"I order to have a worthwhile day I have to feel I'm contributing something to the total effort and doing some good."

These words by Charlie McGuire, a mechanical engineer with the Mechanical/Special Equipment Branch of the Engineering Department, tell a good deal about the man, whether he's at work in a clean room of the micro-electronics building or putting in his time with the Odd Fellows Lodge in Ridgecrest or the board of directors of the Indian Wells Valley County Water District.

Charlie has been fundamentally in the same division—through various name changes—since he came to China Lake 21 years ago, and the work he does, with "the first six inches" of the Sidewinder missile, hasn't changed all that much either, even though the tolerances and the precision of the machinery have improved tremendously.

That first half foot of one of the most famous pieces of weaponry to come out of China Lake houses its heat detector and guidance mechanisms, and Charlie, as an extraordinarily knowledgeable bearings specialist, is concerned with the gyros. Disassembling the bearings, and examining their parts under a microscope, he can determine whether these delicate mechanisms fail because of handling or contamination damage.

Fights Against Contamination

As an example of the elaborate precautions taken to ensure that tiny contaminants are kept out of the bearings, bearing components are cleaned with solvents before "ultra clean grease" is applied to them. These same principles, according to Charlie, are responsible in part for the phenomenal success of America's space program, where "a tiny particle of dust in the miniature circuits could wreak havoc."

A native of Oklahoma City, Okla., Charlie studied electrical engineering at the University of Oklahoma in Norman from 1939-40, and then traveled out to Burbank, Calif., to get a job with Lockheed Aircraft. Initially, he worked on the Army Air Corps' P-38 Lightning, but when the war started he transferred over to the firm's Vega Division, doing precision assembly on the Navy's Ventura bombers, and the B-17 Flying Fortresses.

In 1944, Charlie entered the Army and went to Officer Candidate School at Ft. Knox, Kentucky. As a lieutenant, he became a Sherman tank platoon leader, and to this day regrets that classic piece of armor that "could manage 33 m.p.h. on a paved road with a slight downgrade."

Auction of surplus government property to be held Tuesday

An auction sale of surplus government property will be held Tuesday, starting at 9 a.m., in Cactus Hall at the Community Center.

Nearly 160 items will be offered for sale, including calculators, bicycles, refrigerators, 55 gal. drums, fluorescent light fixtures, desks, chairs, mine lamps, pipe and miscellaneous electronic gear.

All items will be available for examination at Warehouse 41 (on 10th St., just off the airfield access road) from 8 a.m. to 3 p.m. today and Monday, and continuing on Tuesday until the start of the sale.

Prospective bidders must be at least 18 years of age in order to take part in the auction. Registration simply involves the presentation of proper identification at the Community Center between 8 and 9 a.m. the day of the sale.

Successful bidders will have five working days to pay for and remove items purchased. Payment may be made by check payable to the treasurer of the United States.

Additional information about the auction and the manner in which it will be conducted can be obtained by calling Bill Giuliani at NWC ext. 2502 or 2538.

when he joined an experimental Cub Scout pack. His years in scouting, through the early 1960s, total about 30, and include his work as assistant scoutmaster of Boy Scout Troop 3, sponsored by the All Faith Chapel. Charlie's association with the Odd Fellows began in Norman after the war, and since 1959 he has been quite active in the local lodge here. He has held most of the offices in this, the Desert Oasis Lodge No. 491, and for the past 12 years has been California's representative to the Sovereign Grand Lodge. In recognition for his work in this organization, three keys to the City of Ridgecrest have been presented to him. Emma Lou is a Rebekah Sister, herself.

On Water District Board

With the idea that "I figured it was about time for me to do something for the local community," a few years ago Charlie won a seat on the board of directors of the Indian Wells Valley County Water District. "The biggest job confronting us," he says, "is to keep the prices down, in spite of Ridgecrest's tremendous growth."

Charlie will retire next Thursday, June 30, from a "very enjoyable Navy career." He already has a list of things he plans to do. His Odd Fellows and water district activities, he knows, will take up a good deal of his time.

Additionally, he hopes to earn an instructor's or instrument rating to go with his private pilot's license, and of course the McGuires are going to travel to see their children and nine grandchildren.

Course offered in Tech Library's on-line search services

Enrollment is open in a class for NWC employees who are interested in learning about the on-line search services at the Center's Technical Library.

The class has been scheduled from 9 to 11:30 a.m. on July 21 in the Technical Library and will be conducted by library staff members. The material to be covered will include two major bibliographic services that are now accessible through the Technical Library. They are Lockheed's DIALOG system and the Systems Development Corp. ORBIT system.

Information will be provided on many of the 71 separate data bases available through these two systems. In addition, the main differences between these two systems will be brought out by means of an on-line demonstration.

Employees interested in attending this class must submit an enrollment form via proper department channels in time for it to reach Code 094 no later than July 7.



PATENT AWARD SHARED — Burrell Hays (at left), head of the Propulsion Development Department, presented a patent award recently to two of the employees in his department who combined their efforts on the development of a load actuated electro-ignition switch. This device was the work of W. James Stone (center), an aerospace engineer, and Joseph A. Schmidt, an aerospace engineering technician, who are both assigned to the Systems Technology Branch of Code 32. The switch activates an igniter mechanism for a rocket motor that is utilized for towing a load or extracting an air crew member from a disabled aircraft. —Photo by PH3 B. J. Beckman

Two OTHC teams break records in Victorville relays

Two Over-the-Hill Track Club teams broke the established marks for their competition categories in last weekend's sixth annual Victorville 24-hr. relays, which attracted a record total of more than 170 runners this year.

The OTHC "A" team won the open competition in this race last year and set a new area track record in doing so by logging a total of 237 miles, 1,740 yds. This year, the group's "A" team placed third overall by running 241.352 miles, paced by the 5 min., 25 sec. average mile of Byron Richardson. Team average was 5.966 min. per mile.

Others members of the "A" team were Jack Clark, Frank Freyne, Paul Tjogas, Stan Hughes, Bob Campos, Mike Hartney, Dwight Modrell, Eric Kajiwara and Gene Simpson.

Placing first in the event, and setting a new record in the process, were a group of high school age runners known as the Barstow All Stars, who ran up a total of 251 miles, 740 yds., before the final gun sounded on Sunday morning after 24 hours of continuous competition. Second was the team representing the 29 Palms Marine Corps Base, with a total of 246 miles, 1,485 yds.

The OTHC's Master's team, composed of runners over 40 years of age, placed fifth overall by logging 219 miles, 553 yds., thus eclipsing the previous record of 215 miles, 918 yds., which they set for their class in last year's race.

The Master's team members, who averaged 6.566 min. per mile, were Dave Rugg, Norm Nieberlein, John Anderson, Joe Kovar, Gerry Ansell, "Scotty" Broyles, Dick Wisdom, Jack Johantgen, Dick Hughes and Ray Jacobsen.

The local club's "No. 1" team placed eighth overall among the 18 teams that competed by running 198 miles, 1,540 yds. This team was composed of Paul Storey, Mike Johnson, Bob Smith, Dave Lehmann, Duke Gagliardi, Steve Tanner, Robert Westbrook, Dick Rivers, Bob Gilkinson and Danny May. The latter was an extra Marine from the 29 Palms team who replaced an OTHC member who was unable to participate.



NEARING THE END — Dick Hughes (left) takes the baton from Over-the-Hill teammate Jack Johantgen to begin the Masters' 220th mile in last weekend's 24-hr. relay races which were held in Victorville. Johantgen had just finished running his 22nd mile in this event, and Hughes finished up the last segment to give the club a total of 219 miles, 553 yds., for this grueling race. —Photo by Margaret Ansell

Archery tourney slated

A 900-yard archery competition will be held tomorrow morning at Cerro Coso Community College from 7 until 10 o'clock at the athletic field to the south of the main classroom building.

The competition, which is sponsored by the college, is open to the public. Persons interested in participating should call Bob Stedman, Cerro Coso archery instructor, at 375-4679 after 5 p.m. today.



SLOW PITCH TOURNAMENT TEAM — The Naval Weapons Center will be represented next week by the players shown above in an 11th Naval District slow pitch softball double elimination tournament at the Naval Support Activity at Terminal Island. Players on the local team, which is coached by Sam Treece (standing in center), and the positions they will fill are: kneeling (l.-r.) Andy Price, centerfield; Tim Cooksey, 3rd base; Arthur Lloyd, rover, Sam Goode, shortstop; and standing (l.-r.) Kenny Rogers, 1st base; Rick Booth, left field; Treece; Dale Metz and Ron Penny, pitchers. Four other team members were unable to be present for the photo. They are Ed Timmons, 2nd base; Ted Breimeyer, catcher; Mike Cannon, rover, and Bob Brown, right fielder. Final game for the NWC team is scheduled at 5 p.m. Monday against the No. 2 squad in the Long Beach area Forces Afloat League. The tourney will continue through next Friday, July 1, with the top two teams earning the right to advance to the 11th ND tournament in San Diego. —Photo by Ron Allen

5th annual IWW invitational fast pitch tourney to begin here tonight

The fifth annual Indian Wells Valley invitational fast pitch softball tournament, sponsored by the Naval Weapon Center's Special Services Division, will get under way this evening at Reardon Field.

A total of 14 teams are entered in this year's event, Dick Rivers, the tournament chairman, reported. Included are the Graham Associates nine — local entry in the Northern California Congress Softball League — and Fisher Plastering, Valley Industrial Services, and the Homestead, all three from the Fast Pitch Division of the NWC Intramural Softball League.

Two Games Set Tonight

The tournament will begin with two games that will be played tonight at Reardon Field. In the opener at 7:30 it will be Valley Industrial vs. the Misfits from Bakersfield, while in the nightcap at 9 o'clock, Fisher Plastering will tangle with the Hire's Market team from Lancaster.

Tournament action will be resumed at 10 a.m. Saturday at the Pony League field, as well as at the two new softball fields located on S. Knox Rd. at Forrestral St., and on Sunday, also starting at 10 a.m., the tournament's two remaining undefeated teams will clash at the Pony League diamond. Final game of this double elimination

Instruction in basics of baseball offered by Youth Center

An eight-week-long Instructional Baseball League for boys and girls 6 through 8 years of age will begin on Tuesday under the sponsorship of the NWC Youth Center.

The league, which will meet on Tuesdays and Thursdays from 4:30 to 6 p.m., is intended to teach youngsters the basic rules of the game, along with catching, batting, throwing and base running. Games will be played even though formal teams will not be established, and a strong competitive attitude will not be encouraged.

A fee of \$2 will be required of 6 and 7-year-old youngsters, while those 8 years of age will be required to obtain a Youth Center membership at a cost of \$6. Little League players may not participate.

Further information may be obtained by phoning NWC ext. 2909.

tourney is scheduled at 1 p.m. Sunday, also at the Pony League field.

Trophies and plaques will be awarded to the sponsors of the first through fourth place teams, and every member of the tournament's championship team will receive an individual trophy.

There also will be individual trophies for the 9-man tournament all-star team, as well as for the tourney's most valuable player and the outstanding pitcher. In addition, a sportsmanship trophy will be awarded to the team whose players best exemplify this aspect of the competition.

The tournament entry list, in addition to the teams already mentioned, includes Hub Furniture of Bakersfield, last year's champion, and Les's Raiders, also of Bakersfield; the California City Pharmacy team, from Lancaster; Bruner's, from Fresno; a combination civilian-military team from Port Hueneme; Associated Merchandising, from Long Beach; the Torrance Warriors and a team from Hawthorne, Nev.

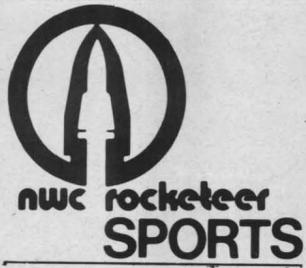
Shutout, clutch hitting by Giants combine to hand Red Sox first loss in Major Div. of Little League

The Giants' Mike Garrett struck out 13 batters on the way to pitching a 5-0 shutout, and his teammate Adam Embree slapped three singles to hand the Red Sox their first loss last week in the China Lake Little League's Major Division.

By the lopsided score of 21-3, the Giants also beat the winless Dodgers and evened their record at 3-3, while the Yankees chalked up two wins last week, too, by clobbering the Dodgers, 17-4, and edging the Tigers, 2-1. Finally, the Sox avenged their earlier loss by making pussycats out of the Tigers, 14-1.

In Minor Division action, Glen Van Aken banged out a single and two triples to lead the Cardinals to a 13-10 decision over the Indians. The Cards, in their second contest of the week, struggled to a 14-1 tie with the White Sox, who managed to win a 20-15 game against the Pirates. The Pirates also lost to the Royals by a score of 28-7, and the latter team scalped the Indians, 9-8.

John Thomas belted three home runs and a single, and his teammate George Franze added two more round-trippers and a pair of



Doug's Corner

Hunters' safety class registration will close today

Today is the last day to register for the hunters' safety class that will be conducted this weekend by volunteer instructors from the Sierra Desert Gun Club at their facility on Sportsman's Lane.

California law requires that anyone wishing to obtain a state hunting license for the first time attend and pass this course. Subjects to be covered include firearms and archery safety, hunting ethics, wilderness survival, laws and regulations, and game conservation and management. Students will also walk a one-mile trail which simulates actual field conditions during hunting.

Interested persons may register at the Youth Center at a cost of \$5, \$4.50 of which is refundable upon completion of the course—a precaution against no-shows. Participants must attend 10 full hours of instruction, beginning at 8 a.m. tomorrow and continuing into Sunday morning.

Water Exercise Class

A water exercise class for women will begin at the Chief Petty Officers' Club pool on Monday and continue through July 8.

The classes will be held on weekdays, and participants have a choice of either the 9 to 10 a.m. or the 10 to 11 a.m. session. Course fee is \$6.50 per person and registrations may be made by phoning NWC ext. 2334 or attending either of the classes this Monday.

Bowling Center Special

Special rates have recently gone into effect at Hall Memorial Lanes.

On every day of the week except Friday, the price of three games is \$1 between the hours of 11 a.m. and 5 p.m. On Fridays, there will be red pin bowling from 11 a.m. to 6:30 p.m., featuring a free game to the bowler who gets a strike on the red head pin when it comes up.

Intramural Golf Tourney

All paying members of the China Lake Golf Club who also belong to the Southern California Golf Association and would like to organize an intramural golf tournament must turn in names of team members and

(Continued on Page 7)

Thompson, McLean Awards . . .

Continued from Page 1)

Thompson Award to Capt. Haff, it was noted that: "His direct involvement in technical decisions, management policies, Fleet operational advice, and military leadership has been exemplary in nature." Capt. Haff, it was added, "has consistently demonstrated his desire to excel and is a credit to the United States Navy."

Capt. Haff holds a master's degree in aeronautics and astronautics from the Massachusetts Institute of Technology. From 1970 to 1972 he served as the Assistant Technical Officer (Air) at NWC. He returned to China Lake in 1975 as the Technical Officer following an assignment at the Naval Air Systems Command as the Sidewinder Program Manager.

Basin for Award

Burford, a mechanical engineer and associate head of the Conventional Weapons Division, Propulsion Development Department, was commended "for his outstanding recognized accomplishments, his technical and management skills, his proven ability to represent Center programs successfully at all levels in the Navy and the Department of Defense, his unusual insight into all phases of the weapons procurement cycle, and his willingness and capacity for work."

His achievements and personal attributes "make him an extremely valuable asset to both the Naval Weapons Center and the Department of the Navy," the commendation concluded.

Burford came to China Lake in 1962 following his graduation from the Missouri School of Mines and Metallurgy where he received a BS degree in mechanical engineering. He began his career at NWC in the junior professional program and worked initially for the Weapons Development Department (old Code 40). In 1965 he was transferred to his current department.

Outstanding Creativity Recognized

The William B. McLean Award was established in 1968 to recognize outstanding creativity among employees in furthering the mission of the Naval Weapons Center as evidenced by significant inventions. The award pays tribute to the late Dr. McLean who, by his leadership, vision, and tremendous personal contributions to the mission of the Center, brought lasting recognition and a distinguished reputation to China Lake.

This award consists of a certificate and bronze medal showing the sculpted bust of Dr. McLean with the inscription, "In recognition of outstanding creativity that contributed to Naval weaponry."

Miller was cited "for his outstanding inventiveness and creativity in devising elegant design solutions to complex electronic and mechanical problems.

"His versatility in creating devices from supersensitive impact sensors to phase locked servo loops, precision voltage regulators, and the imaginative SWASH coil seeker gimbal, serves as an inspiring example of inventiveness at the Naval Weapons Center," the citation received by Miller read.

Employed as Electronics Engineer

Miller is an electronics engineer in the Sensors and Platforms Branch of the Electro-Optics Division of the Weapons Department. He began his Civil Service career at China Lake in 1965 following his graduation from Sacramento State College where he received a BS degree in electrical engineering.

Silberberg received the McLean Award "for his demonstrated excellence in the field of photographic and optical technology and for creative and imaginative contributions and accomplishments in the field of test range instrumentation and measurements." It also was noted that his "outstanding creativity has brought much recognition and credit to the Naval Weapons Center."

Silberberg is a physicist in the Range Electronic Development Branch of the Range Department's Range Instrumentation Support Division. He came to the Naval Weapons Center (then called Naval Ordnance Test Station) in 1945 and began work with the old Research Department.

Fazio's Market in Bennington Plaza to close tomorrow

Tomorrow will be the final day of operation of Fazio's Market in Bennington Plaza on the Naval Weapons Center. The super market will open the doors of its new place of business at the Sierra Vista Shopping Center on N. Norma St. in Ridgecrest on Tuesday. According to Charles Shotwell, local manager of Fazio's Market, the new facility in Ridgecrest will have at least 150 employees—or double the present number.

The past week has been spent making some of the final preparations for the move to the new building. Included was the blacktopping of additional parking space directly in front of the market entrance.

Future plans for using the building at Bennington Plaza being vacated by Fazio's Market include moving the Navy Exchange to that location.



HAPPY MOMENT — Floyd R. Castillo and his wife, Dana, accept the keys to their new Layton camper trailer from Don DeWitt, sales manager of Murphy Motors. Looking on while the grand prize of the local 1977 fund drive for the Navy Relief Society is being awarded is Lt. Bill Wright (at left), campaign treasurer. Castillo is head of the Supply Department's Material Division, while his wife is chairman of interviewers for the local NRS. —Photo by Ron Allen

Navy Relief Society nets \$6,400 from 1977 campaign

The results are in, the prizes have been awarded and the ball game is over for this year's local Navy Relief Society fund drive, which saw a total of \$10,918 collected through the generosity of Centerites, or about \$6,400 net once expenses were taken care of.

Last Friday afternoon, June 17, the challenge softball game between the officers of NWC and VX-5 was played at

porters of the 1977 campaign, and announcement of the name of "Miss Navy Relief" and her runners-up for the title of NRS queen this year.

The grand prize winner was Floyd R. Castillo, who is head of the Supply Department's Material Division. From a total of four different gifts offered for his choice, Castillo chose a 19 1/2 ft. Layton camper trailer from Murphy Motors.

Winner of the second place award was Frank Portillo, who chose a Yamaha DT-100D motorcycle from the Desert Sport Center. David Penrose chose a Zenith 19-in. portable color TV from the Navy Exchange as the third place prize.

Votes for the 11 queen candidates were based on contributions made in their behalf to the fund drive. Emerging as the winner was SA Sherry Nunnery, who works in the local branch hospital of the Navy Regional Medical Center, Long Beach. The runner-up for the title of "Miss Navy Relief" was YN3 Betty Jelsma of the Operational Test



SA Sherry Nunnery

Schoeffel Field to mark the last day of the fund drive in this area. The final score in this match play event was 4 innings to 1, in favor of NWC, but, exciting as it was, the game could not be called the highlight of the day.

The two items which occasioned the most interest that day were selection of the major prize winners from the numerous sup-



YN3 Betty Jelsma

Directorate, Air Test and Evaluation Squadron Five, while the third place winner was Pam Bullock, of the Engineering Department office. They received U.S. Savings Bonds in the amounts of \$100, \$50 and \$25, respectively.

The eight remaining contestants each received gift certificates from Rene's Women's Apparel. They were AA Nancy Lyles, Sharon McKinney, Ava McClendon, Sue Dick, MS3 Karen Lukas, SN Nancy Cook, PNSN Linda Vinson and ADAN Diana Hyde.

In addition to the major prizes which were awarded at the CEN / BAT softball game, a number of preliminary gifts were given away that afternoon, as they had been each Friday since the fund drive began. The recipients, and the prizes they received

Use of fireworks banned on Center

With the Fourth of July holiday fast approaching, this timely reminder was issued by the NWC Safety and Security Department:

The use of fireworks by individuals anywhere on the Naval Weapons Center is prohibited. This requirement exists even though the City of Ridgecrest has authorized and has permitted the sale and use of fireworks within the city limits.

Consequently, all China Lakers are advised that (in conformance with OPNAV 11320.15 and Section 4045 of the Kern County Fire Regulations) the sale, storage or use of fireworks on the Center is not permitted.

The only exception to this regulation is that sparklers may be ignited when youngsters are under the personal supervision of an adult.

Results as of Saturday, June 18:			
Major Division			
Team	Won	Lost	
Red Sox	5	1	
Yankees	5	1	
Giants	3	3	
Tigers	2	4	
Dodgers	0	6	
Minor Division			
Royals	3	1	
Cardinals	2 1/2	1 1/2	
White Sox	2 1/2	1 1/2	
Indians	1	3	
Pirates	1	3	
Farm Division			
Angels	5	0	
Mets	5	0	
Padres	1 1/2	4 1/2	
Cubs	1 1/2	4 1/2	
Reds	1	5	



Visitors to Sequoia National Forest requested to exercise extreme care

Fire season regulations are now in effect within the boundaries of the Sequoia National Forest.

According to John A. Leasure, U.S. Forestry Service supervisor, the following regulations on smoking and other uses of fire on National Forest lands are to be followed because of dry conditions and the threat of fire.

Campfire permits are required for open fires outside developed recreation sites. Such permits are not required, however, within developed campgrounds, picnic areas or stoves within trailers or campers outside these areas.

Smoking is permitted only within enclosed vehicles, developed recreation sites, or while stopped in an area, at least 3 ft. in diameter, that is barren or cleared of all flammable materials.

Approved spark arrestors are required for operating or using any internal or ex-

ternal combustion engine on National Forest lands. A permit is necessary for the use of explosives, welding, or operating an acetylene or other torch with open flame.

Leasure emphasized that in compliance with State law, homeowners should remove dead grass and other flammable material from their property. A minimum 30-ft. clearance must be maintained around all buildings and structures. This clearance serves a two-fold purpose—it provides a margin of safety for the property owner, should a wildfire endanger his property, and it checks the spread of fire to the wildland should a fire occur in the structure.

Rainfall was much below average this past winter. Consequently, the forest fuels are drying rapidly and fire conditions are becoming more severe. Leasure stressed the need for extra caution in using fire in view of the drought situation which has resulted in very dry fuels and a shortage of water for fighting fire.

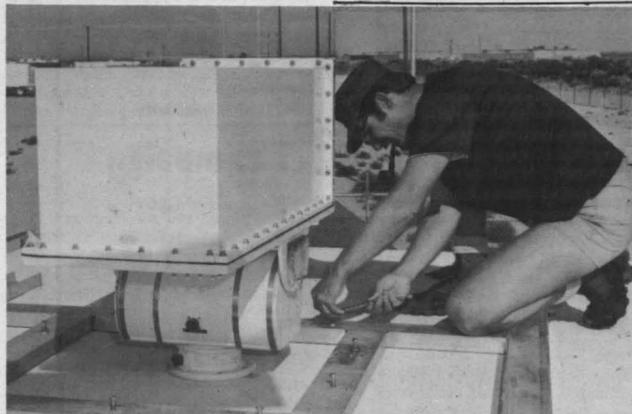
Campfire permits may be obtained free at U.S. Forest Service offices in Porterville, Pinehurst, Springville, California Hot Springs, Kernville and Bakersfield.

Advancements in rate earned by VX-5 enlisted personnel

A total of 29 personnel were recently advanced in rate during an Air Test and Evaluation Squadron Five ceremony by Capt. Leonard E. Guillani, VX-5 skipper.

Those were advanced in rate are: AMS2's David W. Hendricks and Barney L. Prow; AE2's Thomas M. Baugh, Dale W. Traver and James C. Wooley; AE3's Terry W. Burmester, Richard A. Miguel and Lawrence A. Blair; AQ1 Craig D. Child; L13 Pamela J. Christensen; AO3's Ryan D. Garrett and Mark A. Jent; AK3's Lance T. Goolsby and Beverly J. Sinise.

AT2's Raymond F. Grimes, Jr., John D. Ritter and Larry K. Seagle; AT1 Robert L. Helm; AQ2 Gordon L. Krebs; YN3's Jane L. Lockhart and Lydia D. Wright; AMH3's Patrick K. McTurner and David P. Witt; PR2 James R. Nelson; AD3 Michael K. O'Connell; PN3 William P. Rimmer; AMS3 Bonnie L. Shannon; RM3 Gregory L. Robbins; and ASM2 Buddy D. Barker.



MAKING VAN INSTALLATIONS — Chief Toby Young of the Navy's Inshore Undersea Warfare Group in San Diego has been on-center for the past two weeks at the invitation of NWC's Fleet Support Office. Here he installs a forward-looking infrared system next to the short-pulse radar antenna on the roof of the undersea warfare van that NWC is outfitting as a laboratory Fleet support project. The van will be used for harbor and amphibious landing defense. Chief Young's task here involves locating the van's hardware for convenience and efficiency of use by its operators. By performing this task, he represents a useful new trend in relationships between NWC and Fleet units; with this direct assistance, he provides a realistic Fleet input that will help the Center make a more useful response to Fleet needs.

—Photos by Ron Allen

Applications sought for 3 vacancies on NWC EEO Committee

Applications are now being accepted by the NWC Equal Employment Opportunity Office (Code 008) to fill three vacancies on the Center's EEO Committee.

In order to be eligible for membership on this committee, an employee must be a volunteer and must also have completed at least one EEO course within the past 12 months.

Those interested in serving on the EEO Committee may apply by calling the EEO Office at NWC ext. 2348/2738 and requesting an interview. The deadline to apply is next Friday, July 1.

The EEO Committee, currently chaired by Dr. William Leonard, serves as a task-oriented body which makes recommendations to the EEO Officer (the NWC Commander) and EEO staff for the purpose of furthering equal employment opportunities within the guidelines established by the Navy.

In addition to attending the regular monthly EEO Committee meetings, which are held on the second Monday of each month, EEO Committee members serve on subcommittees in the areas of training and education, affirmative action planning, publicity and public relations.

During a two-year appointment to the committee, each member is encouraged to complete an 80 hour EEO training plan for part-time EEO officials. This involves participation in a human relations workshop, the Federal Women's Program Week, Hispanic Heritage Week and Black History Week, as well as successful completion of the EEO correspondence course offered by the Civil Service Commission.

Course offering additional training for LVNs proposed

Licensed vocational nurses (LVNs) who are interested in having the opportunity to continue the study necessary to qualify as a registered nurse are asked to contact Cerro Coso Community College by calling 375-5001, ext. 23, no later than July 1.

If a sufficient number of LVNs are interested in enrolling in a program being planned jointly by Cerro Coso College and Bakersfield College, courses will be offered at Cerro Coso and at the Ridgecrest Community Hospital beginning a year from now.

All LVNs who have completed an accredited program will be eligible to enroll.

Teachers for the program are also being sought. Nurses who have a bachelor's degree in nursing and who have been active in the nursing field in the past five years are eligible to apply for part time teaching positions. Applications may be filed with the Office of Instruction at Cerro Coso Community College.

Be safety conscious during summer vacation outings

By Billie Hise

A radar screen provides continuous scanning. It never stops until it is shut off. Do turn on your personal safety radar whatever you plan to do on your vacation. Look, check, plan carefully and be prepared. Have fun and come back safely. We need you!

If you are driving: Check the vehicle, tires, brakes, lights, wiper blades and clean the glass inside and out, especially the windshield. Scan ahead of your vehicle on the road, check both to the side and to the rear. Eliminate a part of the panic problems by keeping space around your vehicle.

Seat belts have no value for you unless they are used and, remember that fatigue is a factor in many accidents both for you and the other driver.

Plan ahead. Night driving has special hazards. Sight distance is decreased and also the drinking driver is on the road more often at night.

If you are going to the mountains or south to the city, remember that each area has special problems that require special care. Drive for the vehicle you are in and the area where you are driving. For instance, jeeps have a high center of gravity and on sharp turns at higher speeds they may roll.

If you are camping: Be sure you have permission to build that camp fire and locate it so that sparks cannot start a fire or get on your tent, which may be flammable.

Do dress children in bright clothing and discuss the possibility of their getting lost and what to do. In a camper or trailer, if using a propane lamp which creates carbon

monoxide, make sure there is adequate ventilation. Old mantles for gasoline lanterns have beryllium in them. Take care when lighting a new mantle not to get your face close, and when disposing of old mantles do so carefully and wash your hands after handling them.

If you are hiking: Try always to go with a buddy or group in case you need help. Wear sturdy boots or shoes and be sure they are broken in before you start out. Carry essential equipment needed. Take along matches in a waterproof case, flashlight, map, compass, knife, food, and water (if water is not available on the trail).

Take Along First Aid Kit
A first aid kit also should be included. Don't forget to carry adequate clothing; it may be cold at night depending on elevation.

For those who are planning to spend time by the water — whether boating or swimming or just camping — be prepared. What would you do in case a member of your party got in over his or her head? How well do you swim? If you were in the boat and had a problem, how would you reach shore? Check life preservers and the load of the boat.

How about the kids? Even if they are just playing along the shore, who is supervising? Do they know of the problems? By the way, the Kern River is one of the most dangerous rivers in the U.S. based on water accident records. Those spring thaws in the mountains bring water down at high speed moving rocks, leaving holes and creating rapids.

If you are staying home and just taking a

one-day trip here and there on the desert, there can be problems too. You can drive farther in an hour than you can walk back safely without water. Old mine shafts have claimed some motorcycle riders and hikers. The edges of the mine may crumble if you walk up too close or the shaft may be behind a bush.

Take care to check the area carefully where you are riding or walking. Any time you get off the traveled roads, do take water and be prepared for an emergency. Try always to take two vehicles so that if one breaks down, the other will still be available for use.

Every place and activity has its special hazard. Do use your personal safety radar to scan the area, to note special problems and avoid them. Have a great vacation and come back safe.

Young girl wins trophy in equestrian competition

In her first equestrian competition, Kimberly Dean, 10-year-old daughter of MSI and Mrs. Bruton Dean, won a first place trophy for her participation in the barrel racing event during a recent play day held in Tehachapi.

The China Lake youngster, who will be a fifth grader in the fall at Vieweg Elementary School, is a member of the B Mt. riding group.

Her mount in the barrel racing competition was a 16-year-old palomino gelding owned by her father. She was entered in the sub-teen level of the barrel racing competition.



CALIBRATION LABORATORY UPGRADED — Seated at a frequency plotter, Bill Weiss, an electronics technician in the Calibration Laboratory, checks a tape used for monitoring the difference in frequency between the Bureau of Standards and the Naval Weapons Center's cesium beam frequency standard. Looking on is Duane McConnell, also an electronics technician in Code 3611. The entire console includes the cesium beam frequency standard equipment which Weiss and McConnell repaired and rebuilt, three receivers, a standard clock and a battery-operated power supply for use in emergencies.

—Photo by Ron Allen

Cesium beam frequency standard now available at Calibration Lab

Thanks to the personal efforts of several Naval Weapons Center technicians in general and Bill Weiss, an electronic technician in the Calibration Laboratory Section of the Engineering Department's Metrology Branch (Code 3611), in particular, the Center now has a cesium beam frequency standard in the Calibration Laboratory.

This standard provides traceability to the National Bureau of Standards for frequency measurements made by personnel from NWC technical codes. Weiss, with assistance from Duane McConnell, also a technician in the Calibration Laboratory, handled most of the work required to repair and modify the surplus equipment that was used to develop the cesium beam frequency standard.

Personnel from the Range Department's Range Support Branch provided the inoperative standard, as well as valuable assistance and ideas concerning range frequency requirements.

This rejuvenated cesium beam standard is the ultimate in frequency standards and is an order of 10 more accurate than the Center's previous standard. The cesium beam standard consists of a stable quartz oscillator that is controlled by an atomic resonator.

The resonant frequency of cesium atoms passing through a microwave cavity is used to control the oscillations of the quartz oscillator. "To illustrate the accuracy in layman's terms," Weiss said, "it would be possible to operate a clock from this standard for over 3,500 years before the clock would lose or gain a second due to frequency error."

The cesium beam standard will benefit NWC personnel involved with the use of

Course in home nursing scheduled by Red Cross

A six-week Red Cross course in home nursing will be offered at the organization's local headquarters on N. Lauritsen Rd. beginning July 6.

The course, which will be held on Wednesday nights from 7 until 9:30, will cover various methods of caring for persons confined to the home and ways for preventing illness.

Further information may be obtained by phoning either of the course's instructors: Connie Reed, 446-5683, or Beverly Jewell, 446-6881.

Center employee attends Navy Scientific Scuba Diving Class

Scott Shumway, a physicist with the Mine Warfare Branch of the Weapons Department, was one of 10 Civil Service employees who was graduated from the Navy Scientific Scuba Diving Class held recently at the Naval Ocean Systems Center in San Diego.

Shumway, project leader of the Actuation Mine Simulator Mods 8 through 13, took the course because his work often entails field tests with instruments that are placed in the ocean and need occasional adjustments made to them. A 1972 graduate of Brigham

Hikers rescued . . .

(Continued from Page 1)

It was these same Boy Scouts who earlier had notified authorities of the problem which led to initiation of the rescue flight from China Lake.

Dr. Stronge noted that Brown and Gonzales hadn't planned to spend the night out on Mt. Whitney, were without food or water and had just a down jacket and a parka to ward off the cold when snow began falling on Sunday afternoon. Even as the helicopter landed, Brown and Gonzales (minus their packs) were making their way back down to Trail Camp, where they were checked over quickly and loaded into the Navy helicopter for a short flight to the hospital in Lone Pine.

The helicopter made all the difference in the world in neatly handling this rescue operation, the CLMRG team leader said. Without it, CLMRG members could have expected to spend the day hiking up the Mt. Whitney trail to reach the exhausted climbers and then still would have been faced with the matter of getting them safely down the trail.

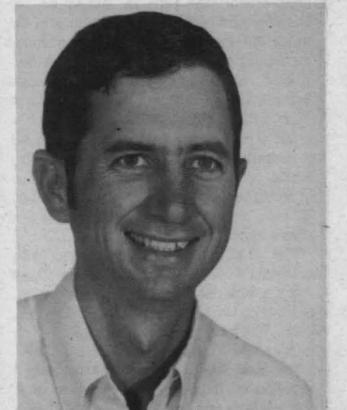
As it was, Dr. Stronge said, he and his two team members were able to reach the scene, have the rescue operation wrapped up between 8 and 8:30 a.m. Monday, and be back at China Lake by 9 o'clock.

Young University, he has been at China Lake for five years.

The 120-hr. course which Shumway took was designed to train non-divers to become Navy civilian certified scuba divers, qualified to a depth of 130 ft. with approved scuba gear.

Prior to acceptance as trainees, personnel had to pass a Class A swim test, a Navy physical examination, a decompression chamber pressure test and an oxygen tolerance test. Trainees had to be under 30 years of age and could not be obese.

During the class, students received instruction in diving physics and physiology and the Navy decompression tables. They were taught to recognize the symptoms of decompression sickness and to treat injuries caused by common diving accidents. In addition, they learned water safety and cardio-pulmonary resuscitation techniques.



Scott Shumway

Promotional opportunities...

(Continued from Page 2)

responsible for the cash handling and accounting of funds realized from sales; and is also responsible for maintaining in good operating order safety equipment such as meters, breathing apparatus and respirators, Job

Relevant Criteria: Knowledge of Supply regulations and procedures, experience in record keeping and bookkeeping, ability to type accurately and to deal tactfully and courteously with people.

File applications for the above with Charlotte Sieckowski, Bldg. 34, Rm. 204, Ph. 2118.
Travel Clerk, GS-2132-3/4/5, PD No. 7385016N, Code 0864 — This is a training position in the Travel and Transportation Branch of the Office of Finance and Management. Incumbent reviews travel orders, verifies entitlement, secures information from sources such as official airlines guides and train guides, advises travelers of routes, accommodations, travel advances and related matters, issues transportation requests and meal tickets, obtains reservations and tickets, verifies estimates and computes per diem, mileage and other transportation costs, issues orders and gives information for boarding military aircraft, and performs other related duties. Job Relevant Criteria: Ability to type, to research and comprehend guidelines and to deal tactfully with people. Promotion potential to GS-5.

Secretary, GS-318-4/5, PD No. 7408060, Code 082 — This position is that of secretary to the head, Management Division. The incumbent is responsible for providing administrative/ clerical support to the supervisor; maintaining calendar, files, etc.; reviewing and directing incoming mail; preparing routine correspondence; scheduling meetings and conferences; and arranging for travel. Job Relevant Criteria: Must be familiar with Navy correspondence format and files; have ability to meet deadlines under pressure; possess knowledge of Center organization and policies; and be able to deal with personnel at all levels of management.

File applications for the above with Tina Rockdale, Bldg. 34, Rm. 206, Ph. 2674.

Electronics Engineer, GS-855-7, PD No. 7739037, Code 3724 — This position is located in the Electronic Systems Branch, Weapons Development Division, Weapons Department. The incumbent designs and tests digital and analog circuits for specified equipment, assists in integrating own designs into complete systems, conducts investigations and exploratory development on weapons systems and subsystems, and prepares reports concerning various aspects of work. Job Relevant Criteria: Ability to design high speed digital and analog circuitry, knowledge of feedback control theory and design, and of electronic testing and evaluation procedures.

File applications for the above with Marge Stanton, Bldg. 34, Rm. 206, Ph. 2723.

Job Opportunity
Supervisor, PS-0189-04, \$3.05-\$3.54 p/h, Auto Hobby Shop, Special Services — This is not a Civil Service job. The Auto Hobby Shop provides sales and service facilities for maintenance and repair of automobiles, motorcycles, trucks and scooters. Job Relevant Criteria: Ability to instruct patrons in automotive and motorcycle repair and maintenance; experience in ordering automotive parts and participating in resale activity, and knowledge of preparing budgets and keeping records. Incumbent should have at least one year in retail operation, preferably in automotive mechanics, and should have knowledge and experience in automotive mechanics and using automotive shop manuals.

File applications for the above with Cheryl Hartley, Special Services, Building 21, Bennington Plaza, Ph. 3388.



DEPOSIT COLLECTED ON SOFT DRINKS, BEER — Cans or bottles of soft drinks and beer on which a 5-cent deposit is now being collected by the Navy Exchange and its package store are identified by water-resistant stickers that have been placed either on the label of the bottle or the bottom of cans of all carbonated beverages. Holding the stamping gun used for this purpose is Lt. M. S. Barnett (at left), Navy Exchange officer, while Patricia Blakeley waits to purchase a case of soft drinks. At right is Robert Verinsky, manager of the package store. This is part of a year-long conservation experiment to see what the distributor, retailer and consumer of soft drinks and beer can do to conserve natural resources where sales are made for off-premise consumption. Also as an assist to this conservation program, all Center personnel who purchase deposit-free soft drinks from vending machines are being asked to return the empties voluntarily to green and white colored 55-gal. drums that have been placed near the machines. Once again, Lt. Barnett noted that these receptacles are for the collection of empty soft drink cans only and are not to be used as trash cans.

—Photo by Ron Allen