



Commissioned Officers' Mess

This evening, the Commissioned Officers' Mess will be the setting for another festive Membership Night.

Starting at 6:30 p.m. and continuing until 9 o'clock there will be a buffet dinner featuring baron of beef as the main dish.

On stage from 8 p.m. until midnight, the Mirauders will play "oldies but goodies" for the listening and dancing pleasure of COM members and their guests.

Price for this festive event is \$4 for members and their spouses and \$5 for guests. Reservations can be made today by calling 446-2549 before 5 p.m.

There will be two special dinner menus featured during the coming week. Tuesday, Feb. 26, will be Japanese night, with beef teriyaki and shrimp tempura as the main selections on the menu.

Thursday, Feb. 28 is Italian night, and the COM will have all the spaghetti and meat sauce anyone can eat for \$2.75.

Dinner hours on Tuesday and Thursday will be from 5 to 9 p.m.

Enlisted Mess

"Dayz Gray," a five member rock-music group from the Ridgecrest area led by William Thomas Fitzgerald, will be performing for the listening and dancing pleasure of Enlisted Mess patrons this evening from 9 until 1:30 a.m.

Earlier in the evening, from 6 until 8:30, surf n' turf will be the main entree on the menu at the EM dining room.

Cerro Coso College seeks instructors for part time work

"Cerro Coso Community College needs part-time instructors," states Roe Darnell, Director of Instructional Services.

"In the past many well-qualified, part-time instructors have also worked for NWC or local contractors. These instructors have found the challenge of teaching a college level course to be a stimulating experience," says Darnell.

Persons who wish to teach on a part-time basis may receive more information by telephoning the Office of Instruction at Cerro Coso Community College, 375-5001, ext. 29.



REHEARSING — Yuko Blair (l.) and Gunilla Giegerich practice their roles as fashion models for the annual WACOM fashion show slated on Tuesday, March 11. The show, entitled "The Sweet Smell of Success," highlights the coordination of fashionable clothing and perfume. All those attending will receive samples of fragrances and cosmetics. Preceding the show will be a social hour and lunch, with food served at 11:45 a.m. WACOM members will be called for reservations. — Photo by PHAN Alan Emery



INVITED TO SHOW — Laura Robison (in center) and Barbara Smith, two members of the Desert Sun Color Guard of Ridgecrest, invite Capt. William B. Haff, NWC Commander, to attend a color guard competition that will be held Saturday afternoon at the Burroughs High School gym. The trophy held by Miss Robison is one of the awards that will be presented to the winner of tomorrow's event in which 11 color guards from various parts of southern California will be participating. — Photo by Ron Allen

Desert Sun marching, drill unit to host competition at Burroughs gym tomorrow

A color guard competition, hosted by the Desert Sun marching and drill unit of Ridgecrest, will be held tomorrow afternoon and evening. Eleven topnotch color guards from various locations in southern California will be here to take part in this novel event.

Group competition is scheduled at 2 p.m. Saturday in the Burroughs High School gym. It will feature marching and dance exhibitions by the Desert Sun color guard and the visiting groups, who will perform to recorded musical selections that will range from classical selections to disco numbers.

Highlight of the afternoon will be an

Hail, farewell party to be held at COM next Friday night

A hail and farewell party honoring incoming and departing military officers at the Commissioned Officers' Mess will be held next Friday, Feb. 29.

Following a social hour from 5:30 to 6:30 p.m., presentations will be made to three officers who will be leaving China Lake soon. They are LCDr. Dale Haan, head of Base Operations Division, Aircraft Department, and his wife Penny; Lt. Chuck Giger, Conventional Weapons Officer in the Ordnance Systems Department, and his wife Barbara; and Lt. Colleen McKenzie, who is now head of the Communications Division.

Those who will be welcomed aboard are Cdr. John Allen and his wife Joan, Cdr. Errol Reilly and his wife Polly, LCDr. James Glover and his wife Susan, LCDr. Michael Younker and his wife Joyce, LCDr. Marvin Commander, LCDr. Tom Daniels and his wife Charon, Lt. Bob Rochfort and his wife Adrienne, Lt. John Gilbert, Ltjg. Leonard Dyky and his wife Henriann, Ltjg. John Martin and his wife Phyllis, and Ens. Sharon Beck.

All Centerites wishing to stay for dinner are reminded to make reservations by calling the COM (446-2549).

exhibition (non-competitive) by the St. Raymond's drill team from Downey, Calif., a group that is well known throughout the state for its showmanship and skillful dance routines.

Price of admission to the afternoon program is \$2 for adults, \$1.50 for senior citizens and 75 cents for children under 12 years of age.

Individuals and ensembles from the competing color guards will match their skills at 7 p.m. Saturday at the James Monroe School gym, where they will present routines involving drills and maneuvers with flags, rifles, batons and sabers.

Admission to this portion of the day's activities is 50 cents per person.

Jinny and Lenny DeAngelis are the director-instructor and co-director, respectively of the 18-member Desert Sun color guard, a group that is sponsored by the Ridgecrest City Parks and Recreation Department, the Ridgecrest/China Lake Optimist Club, and the Junior Woman's Club. Color guard members range in age from 11 to 18.

Museum seeks public opinion on building plans this evening

A public meeting on plans for the construction of a permanent building to house the Maturango Museum will be held this evening from 5 to 8 o'clock at the Ridgecrest City Hall, 139 Balsam St.

Present for the meeting will be Ralph Iredale and Michael Black, museum architects from International Design Collaborative, and Howard Schureman, the museum's exhibits designer, of Howard Schureman Associates.

Representatives of Indian Wells Valley civic and service organizations, as well as all interested persons, are invited and urged to attend tonight's meeting. Robert Tuck, museum director, will be in charge.

MOVIES

(G) ALL AGES ADMITTED
General Audiences
(PG) ALL AGES ADMITTED
Parental Guidance Suggested
(R) RESTRICTED
Under 17 requires accompanying
Parent or Adult Guardian

Regular starting time—7 p.m.

FRIDAY, SUNDAY FEB. 22, 24
"ANIMAL HOUSE"
Starring
John Belushi
(Comedy, rated R, 109 min.)

SATURDAY, MONDAY FEB. 23, 25
"ROCKY II"
Starring
Sylvester Stallone and Talia Shire
(Drama, rated PG, 119 min.)

WEDNESDAY FEB. 27
"THE APPLE DUMPLING GANG RIDES AGAIN"
Starring
Don Knotts and Tim Conway
(Comedy, rated G, 85 min.)

FRIDAY FEB. 29
"INVASION OF THE BODY SNATCHERS"
Starring
Donald Sutherland and Brooke Adams
(Science fiction, rated PG, 123 min.)

Week remains in membership drive launched by CPO Club

A drive for new members has been launched by the Chief Petty Officers' Club.

Membership in the CPO Club is open to civilian employees of the Naval Weapons Center in General Schedule (GS) grades 5 through 8, or equivalent, with the exception of GS-5 and GS-7 technical and administration personnel in positions that are classified in two-grade interval series with known promotion potential to GS-11 and above. The latter are eligible for membership in the Commissioned Officers' Mess.

Employees in grades GS-9 and GS-10 have the option of joining the CPO Club or the COM. Trades and labor supervisors also are eligible for membership in the CPO Club.

Centerites interested in becoming members of the CPO Club are asked to call George "Barney" Barnard, the CPO Club manager, at NWC ext. 3633 on weekdays before next Friday, Feb. 29, between the hours of 8 a.m. and 4:30 p.m.

Tickets on sale for museum lectures to be held soon

Tickets are now on sale for two programs scheduled by the Maturango Museum. On March 5, anthropologist Jens Bjerré will narrate a full-length color film, "China After Mao," and on April 16, Sylvia Earle, a renowned marine biologist, will present "The Singing Whales."

Both programs will be presented in the Burroughs High School lecture center at 7:30 p.m. General admission tickets for each of the programs are priced at \$3; museum members, \$2; students, 75 cents; and children of museum members, 50 cents. Tickets may be purchased at The Music Man, The Gift Mart, Medical Arts Pharmacy, Lilly's Dress Shop, Sports Etc., The Center Pharmacy (located next to the Drummond Medical Center), at the museum, or from members of the museum's board of trustees.

U.S. Government Printing Office: 1980—No. 1014

From: _____

To: _____

PLACE STAMP HERE

Storms bring heavy rainfall to local area

Waves lapping on the shores of China Lake and Mirror Lake this week prove that weather forecaster John Gibson of the Naval Oceanographic Command Detachment is good at his job. Last fall he predicted a wet winter, and last month noted that weather patterns over the Pacific Ocean indicated that more rain was due.

The deluge that has intermittently swamped roads around the area and rained out tests proved him correct. So far, the years total of rainfall is 4.31 inches. Heaviest rain for any one given day this month has been .86 inches; record rainfall for a February day here is 1.28 inches.

The wettest February to date was February 1978, when rainfall measured 6.03 inches by the end of the month. Last year's record was 3.29 inches. In both of those years, a good part of the precipitation was in the form of soggy snow, whereas this year's precipitation has been warm and very wet.

Boon to Wildflowers

These rains are expected to bring some spring flowers, but not as many as wet weather in November and December would have brought out, according to Mary Ann Henry, local wildflower expert. The annuals that appear in the spring are winter annuals that germinate in the ground, putting out roots first and then popping above the ground when the right combination of air and ground temperature occurs.

Tilly Barling, head of the Natural Resources Management Office in the Public Works Department, adds that the rains are very good for the pinyon pine trees, the oaks, and even the Joshua trees, and also for the perennials that provide the vegetative mainstay of the desert ecosystem.

She also notes, with delight, that these rains are recharging the springs and water sources in the desert.

Jim Crista, head of the Maintenance-Utilities Division in Code 26, said that the holiday weekend rainstorm created no serious problems for Public Works Department personnel at the Center.

The electric power line substations are in first class operating condition, and the prolonged rainfall created no power outages.

In spite of the amount of rain that fell, no (Continued on Page 3)

Approval expected in mid-March for construction of Harpoon Guidance Simulation, Engineering Test Lab

The Harpoon Guidance Simulation and Engineering Test Laboratory is on the verge of becoming a reality. Barring unforeseen circumstances, approval to proceed with this building should be received on-Center in March.

The building will be constructed under the sponsorship of the Naval Air Systems Command (AIR-58-59), with local management provided by the Harpoon Program Office (Code 3606). This is part of the continually expanding role that the Naval Weapons Center is being delegated in the Harpoon program.

Broad Range of Uses
The Harpoon missile was developed by the Navy for deployment on a broad spectrum of ships, aircraft, and submarines to provide an all-weather, day or night, antiship capability at standoff ranges.

The system is compatible with existing air, surface, and submarine launch platforms and launchers, and employs a low-level cruise trajectory, active radar guidance with counter-countermeasures, and terminal maneuvering, to assure maximum weapon effectiveness.

The new test laboratory is to be located behind the computer wing in the Michelson Laboratory compound next to the Simulation Laboratory; it will be approximately 3,800 sq. ft. of a modified "Butler" type building with all metal ex-

Naval Weapons Center
China Lake
California

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nwc rocketeer



MINIATURE INLAND SEA — Usually dry Mirror Lake shows evidence of the rainstorms that have whipped through the Indian Wells Valley during the past week. Precipitation was heavy for this area, but caused no serious problems with the exception of some washed out portions of roads in Ridgecrest. The high water level at Mirror Lake may hatch out the desert's fairy shrimp — turning the lake temporarily over to these unusual creatures instead of the off-road motorcyclists and hobbists flying their radio-controlled aircraft who make frequent use of the dry lake bed at other times of the year. —Photo by PHAN Alan Emery

Naval Weapons Center to provide logistics support for multi-service readiness exercise

The housewife who is uneasy about the logistics of caring for a couple of weekend house guests would be bogged at the logistics required for taking care of the 350 "guests" dropping in at the Naval Weapons Center to participate in Gallant Eagle 80.

This joint readiness exercise will involve 25,000 Army, Air Force, Marine and Navy personnel. The exercise is directly under the supervision of the Joint Chiefs of Staff and the U.S. Readiness Command. The main portion of Gallant Eagle 80, scheduled from Feb. 25 to March 28, will take place at

Ft. Irwin, Calif., using the Edwards Air Force Base and Nellis Air Force Base (Las Vegas, Nev.) air space.

About 350 of the personnel participating will be operating radars on a peak in the Slate Mountains located at NWC's Echo Range facility. The Center is providing logistic support for this group, not just radars and land, but coordinating living arrangements and supplies as well.

Planning for the overall readiness exercises is on a 5-yr. cycle; detailed planning for NWC's involvement has been

in high gear since last October, with Jim Fath and Fred Pooler from the Electronic Warfare Department serving as the primary coordinators.

Early in the planning phases an Environmental Impact Statement had to be filed to establish that wildlife, plants, and archaeological treasures would not be damaged, and ensuring that the land would be returned to its original condition as much as possible.

Special First Aid Training

Of probably more immediate interest to the troops in Gallant Eagle 80 is the protection of the people from the wildlife rather than the other way around. NWC has arranged for Mike Robertson, local herpetologist and teacher, to provide two sessions of first aid training about snake and insect bites to the personnel who will be encamped within the boundaries of the Naval Weapons Center.

Small groups of Gallant Eagle 80 personnel have been visiting the Center for the past couple of months to help get equipment ready. Trucks began rolling in on Feb. 15, but the main force is to be deployed this weekend from nine C-141 aircraft. These aircraft will fly in to Armitage Airfield at 2-hr. intervals to offload equipment and personnel.

Extra Aircraft Fuel Provided

To service these aircraft an extra 150,000 gallons of aircraft fuel has been trucked in to China Lake; the amount of fuel used by Gallant Eagle will not come out of NWC's scanty allotment.

The equipment unloaded from the aircraft will be transported to the Slate Range site, with the NWC Public Works Department furnishing flatbed trucks when needed. An NWC bulldozer will stand by at the foot of the mountain to make the final steep haul up the grade to the campsite.

Transportation to and from the bivouac area for personnel will be provided by a bus supplied by NWC and rental cars. Seven hundred gallons of gas for these vehicles will be provided by a service station in

or alterations are proposed.

The laboratory will house the necessary equipment to perform three separate and distinct functions: to perform hardware-in-the-loop six-degrees-of-freedom flight simulation while duplicating as much as possible a real world environment, to perform radar seeker and guidance section testing, and to provide an extensive test and diagnostic capability for digital, digital-analog hybrid and analog assemblies, subassemblies, modules, and integrated circuits.

Anechoic Chamber Included
To accomplish these functions, the laboratory will house an anechoic chamber, RF targets, a motion simulator (three-axis), and a computer system.

The anechoic chamber provides a simulated free-space environment where accurate measurements can be made with minimum interference from electromagnetic energy reflection. The RF targets are sources of electromagnetic energy that simulate the real world targets, countermeasures, and chaff that units under test (UUT) will encounter in free flight.

The motion simulator provides precision orientation of the UUT with respect to the targets. When coupled to a computer that has been programmed to actual flight

Production engineering support will also be possible, with a hands-on-hardware capability. With this capability in-house, the Navy will have the Harpoon system's "corporate memory." This also allows the Navy to be a "smart" buyer when changes

(Continued on Page 3)

(Continued on Page 5)



35 YEAR PINS PRESENTED — Nine Naval Weapons Center employees were the recent recipients of 35 year federal service pins that were presented by Capt. William B. Haff, NWC Commander. Those who have completed 3 1/2 decades of federal service are (top photo, l.-r.) Francisco Felix, Jr., Ed McDuff, William Thorpe, and Thomas Cabe, and (in lower photo, l.-r.) Donald Stoffel, Bryant Ferguson, Stanley L. Johnson, Edward J. Klemencic, and Lorraine E. Martin. Felix is an electronic measurement equipment mechanic in the Range Department; McDuff is a safety specialist in the Safety and Security Department; Thorpe and Cabe, both Public Works Department employees, are a maintenance general foreman and architect, respectively. Stoffel (at left in lower photo) is an equipment specialist in the Electronic Warfare Department; Ferguson and Johnson, both employees in the Ordnance Systems Department, are mechanical engineers; Klemencic is an artillery repairer in the Range Department; and Ms. Martin is an editorial assistant in the Research Department.

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 named in the ad. All others desiring employment with the Naval Weapons Center may contact the Employment, Wage and 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. 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 094 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.

Laborer, WG-3502.3, Code 092 — Temporary not to exceed one year. The purpose of this advertisement is to establish a register to fill temporary (not to exceed one year) laborer positions. This register will be used to fill vacancies as they occur during the next several months. Maximum time in an appointment of this type will be 12 months in any 24 month period. NWC will accept applications from reinstatement eligibles, individuals currently on Civil Service registers, and individuals not on registers who have skills necessary to qualify for this position. The positions to be filled from this register will be located in various codes throughout the Center. The incumbent performs manual labor incidental to the maintenance of buildings and grounds; loading and unloading of supplies and furniture; operation of power mowers, ditch digging, use of jackhammers, trash removal, providing assistance to journeymen, etc. **Job Relevant Criteria:** Reliability and dependability as a laborer; ability to follow directions; knowledge of related lines of work, equipment and tools; dexterity and safety awareness to the work of the position without more than normal supervision.

File applications for the above with Kate Clark, Bldg. 34, Rm. 100, Ph. 2069.

Photographer (Scientific and Technical), GS-1060.7, PD No. 7723008N, Code 3451 — This is a career ladder position leading to a GS-9 level Photographer (Scientific and Technical) position in the Applied Photography Branch of the Photographic Division, Technical Information Department. The duties of this position are to provide scientific and technical photographic services and to produce black and white, color, still or motion picture photographic coverage of hardware, artwork, or other printed materials. May perform aerial, underwater, laboratory or military photography. Incumbent will be required to pass and maintain qualifications for aerial chase photographic assignments. **Job Relevant Criteria:** Knowledge of equipment, techniques and processes of photography; competence and artistic ability in use of photographic equipment; knowledge and understanding of scientific and technical subjects. Upon satisfying regulatory requirements, selectee may be promoted to the GS-9 position.

File applications for the above with Linda Bego, Bldg. 34, Rm. 212, Ph. 2736.

Interdisciplinary: Supervisory Electronics Engineer, GS-855-13/14; Supervisory Physicist, GS-1310-13/14;

Supervisory Aerospace Engineer, GS-861-13/14; Supervisory Mathematician, GS-1520-13/14; PD No. 8035019E, Code 3514 — This position serves as head of the System Analysis Branch. The branch performs analysis of Defense Suppression Systems and Counter Defense Suppression Systems using mathematical models and digital, analog and hybrid simulation. Incumbent is responsible for conducting, planning, directing and reviewing the branches technical activities. Incumbent is frequently consulted by the Department of Defense services, as well as by industry, as an authority on Defense Suppression and Counter Defense Suppression. **Job Relevant Criteria:** Knowledge of defense suppression and counter defense suppression; knowledge of mathematical simulation techniques; ability to supervise an interdisciplinary professional workforce; ability to communicate well both orally and in writing; ability to work with all levels of personnel at NWC, other DoD activities, and at private industrial/academic concerns. Grade level pending final classification by Western Field Division of the NCPD.

File applications for the above with Janet Thomas, Bldg. 34, Rm. 204, Ph. 3118.

Auto Mechanic, Permanent Full-Time, Golf Course, NA-5823-08, 55.02 PH, Monday-Friday — This is not a Civil Service position. Incumbent tears down large and small engines to perform general and major overhauling, grinds valves, repairs transmissions, carburetors, fuel pumps starters, generators, alternators, hydraulic systems, high pressure pumps and valves, installs batteries, fires wiring and electrical motors, does minor machining, establishes and maintains records of repairs, inspections, time worked and orders, establishes schedules of maintenance, maintains a neat, orderly, clean and safe shop, tool storage room and related areas. May be intermittently placed into a supervisory situation over personnel assisting in mechanical repairs. **Qualification Requirements:** Must possess a thorough knowledge of automotive maintenance and associated apparatus; a working knowledge of electrical, hydraulic, and internal combustion engine theory; shop mathematics; be skilled in the use of a wide variety of equipment repair tools; possess mental abilities of memory, judgment and ingenuity; able to read and write; must be mentally alert; able to obtain a government license; and must be able to lift and carry 100 lb.

File applications for the above with Betty Cheatum, Special Services, Bldg. 21, Ph. 3287.

Training Opportunities

The Navy Scientist Training and Exchange Program (NSTEP) is designed to provide long term training opportunities for NWC employees grades GS-9 and higher. These training assignments are located in the Washington, D.C. area. The program is used for cross training and development of key personnel at the middle, senior and executive levels. The training varies from 6 months to 2 years depending on the assignment. For information or to apply for the below listed training opportunities, contact Len Gulick, Code 035, Ext. 3793.

Electronics Engineer, GS-855-12, located at the Naval Air Systems Command, Mission Avionics Division (AIR 549), Washington, D.C. Development Opportunity: The engineer selected will serve an eight months training assignment which will include on-the-job training in Systems Command functions, roles, and procedures in the planning and management of a major systems acquisition program. The training position is in the Weapons and Tactical Control Branch (AIR-549) of the Mission Avionics Division (AIR-549) as a project engineer for development of the reconnaissance radar system for the RFX program. The incumbent will be assigned duties that are commensurate with a NAVAIR project engineer for radar development and acquisition. The immediate supervisor will be head of the Weapons and Tactical Control Branch. **Training Objectives:** The primary objective of this developmental assignment is to increase technical expertise while broadening management skills and knowledge by exposing the individual to the operations of a major program office in NAVAIR. Specific training objectives of this developmental assignment are: (1) To gain a high level of technical management experience in the development, test and evaluation of the reconnaissance version of the APG-65 radar. (2) To gain experience in coordinating and solving complex problems involving contractors, Navy R&D activities, other headquarters offices, and Naval operating forces. (3) To gain headquarters-level experience in devising management techniques which will insure that quality products are provided to the Fleet. (4) To gain experience in preparing statements of work and technical performance specifications for major contracts. **Duties to be Performed:** 1. Manage the system engineering effort of the APG-65 reconnaissance version of the F-18 radar weapons system to include development and testing leading to production approvals and maintaining engineering control of production systems. 2. Analyze and assess current tactical reconnaissance capability including RAS-C and RF-80 aircraft and achieve better performance utilizing a modified APG-65 with a Synthetic Aperture Radar mode. 3. Prepare performance requirements and development specifications for procurement of the modified APG-65. 4. Establish test and evaluation requirements in the reconnaissance version of the APG-65, monitor the test activities and review test results and relate these to systems alternatives, costs, and schedules. 5. Review potential capability of various contractors and sub-contractors to conduct research and development for procurement of the modified APG-65. 6. Establish test and evaluation requirements in the reconnaissance version of the APG-65 radar. 7. Provide solutions to problems impeding the progress of contract tasks and expedite tests and evaluations to assure Fleet delivery. 7. Establish and administer Airlifts and Work Units with naval RDT&E Centers to ensure adequate and complete support on complex

reconnaissance systems which require particular expertise. **Qualifications Required:** This is a professional position and requires a thorough understanding of engineering and scientific principles and techniques. A bachelor of science degree in (Continued on Page 7)



DIVINE SERVICES

PROTESTANT	
Sunday Worship Service	1000
Sunday School—All Ages	0830
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	
Sunday	0830-1130
Nursery, Chapel Annex 1	0815-1245
Daily except Saturday, 1135, Blessed Sacrament	Chapel
CONFESSIONS	
Daily	1115 to 1130
Sunday	0800 to 0825
RELIGIOUS EDUCATION CLASSES	
Sunday Pre-school thru 11th grade	1000
Above classes are held in the Chapel Annexes across from the former Center Restaurant.	
Sunday afternoon 12th grade	1630
As announced "In Home" Discussion Groups and Youth Rallies	
Contact Chaplain's Office for specifics.	
JEWISH SERVICES	
EASTWING—ALL FAITH CHAPEL	
Sabbath Services every Friday	1930
UNITARIANS	
CHAPLAIN ANNEX 95	
Sunday Services—(Sept.-May)	1930

Nominations for Secretary of Year award open; due March 21

Nominations are now open for the second annual Secretary of the Year awards sponsored by the Naval Weapons Center Federal Women's Program.

To be nominated, the individual (either civilian or military) must have been an NWC employee on Dec. 31, 1979, and must have been employed in a secretarial role. In most cases, clerks, clerk-typists, receptionists, and specialized clerks will be eligible.

The criteria for judging include a cheerful and willing attitude, initiative, and adaptability, with enthusiasm for each task undertaken.

The nominee also must display the ability (on his or her own volition) to make necessary corrections in clerical work submitted for handling, gather required information, and be flexible in adapting to new working environments and new work requests. In addition, the nominee will be judged on his or her interest in pursuing

self-improvement training.

Organizational skills are required to permit good time management and work flow in order to get a large or varied workload done accurately and on time.

Loyalty, discretion, dependability and responsibility are essential. The individual must pay attention to detail and accuracy, and must be punctual.

Important also are poise, graciousness, and helpfulness that create a welcome environment for visitors as well as office staff.

Any military or civilian employee of the Center may submit a nomination on the appropriate nomination form available at individual department offices, and at the Equal Employment Opportunity office. Deadline for turning in nominations to the EEO office is March 21.

Winners will be announced at the NWC Secretaries' Day luncheon that will be held at the Commissioned Officers' Mess on April 16.

The Rocketeer

Official Weekly Publication
Naval Weapons Center
China Lake, California
Captain W. B. Haff
NWC Commander
R. M. Hillery
Technical Director
Bernard F. Connolly
Acting Head
Technical Information Department
Don R. Yockey
Editor
Mickey Strang
Associate Editor
Beverly Becksvort
Editorial Assistant
Ron Allen
Staff Photographer



DEADLINES Tuesday, 4:30 p.m.
Tuesday, 11:30 a.m.
The Rocketeer receives American Forces Press Service material. All are Official U. S. Navy photos unless otherwise identified. Printed weekly with appropriated funds by a commercial firm in compliance with 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. Information in The Rocketeer is authorized for public release by the Office of the Commander, Code 003.
Phones 3354, 3355

Burros win...

(Continued from Page 6)

Coaching strategy at that point called for going into a ball control style of play. From that time on until the game ended, the Burros turned the ball over twice — once on a foul and once on a traveling violation.

Scoring came on a field goal and a free throw by the Falcons, while the Burros muffed chances to increase their lead by twice missing the first shot of a one-and-one opportunity at the charity stripe.

The BHS lead of 50-45 was cut to 50-48 when a time out was called by the Falcons with 11 sec. left in regulation playing time. When play resumed, the Falcons got off one more shot at the basket, the rebound was controlled by Kevin Kufferman, of Burroughs, and the game ended with the Burros in the win column by a 2-point margin.

The game's high point man was Dave Roper, 6 ft., 5 in. center for Palmdale, who tallied 17 points. One other Palmdale player, Lannell Culver, a guard, was in the double-figure scoring column with 13.

The Burros were led in the scoring department by Mike Wirtz, ace forward, who hit 7 field goals and a free throw for 15 points; by Steve Motte, center, who had 7 field goals for 14 points, and Richi Drake, a guard, whose 4 field goals and 2 charity tosses gave him 10 points.

In addition to the excitement of winning the Golden League basketball championship for the second year in a row, a highlight of the Burros' varsity hoopsters' 1979-80 basketball season was their first place finish in the prestigious Kiwanis basketball tourney that was played in San Bernardino during the Christmas vacation period.

Triangle Mobile Home team retains healthy league lead

A cut, but not a serious one, in the Triangle Mobile home team's lead in the Premier Bowling League was suffered by the league leaders on Monday night.

The Buggy Bath keglers won two out of three games from the league leaders, thereby reducing Triangle Mobile Home's edge to seven games over the No. 2 team, The Place.

Members of the Clancey's Claim Co. squad rolled high team game for the night — a score of 1,022 — while high team series honors went to The Place for its three-game total of 2,844.

Three Premier League bowlers were over the 600 series mark. They were Aaron Kane (631), Jim Kincheloe (617), and Hub Zimmerman (605).

Those with single game scores of 220 or higher were Kane (267), Dean Meyers (254), Art Karrer (246), Ron Williams (228), Benny Whiteside (226), John Salyers and Kincheloe (224), and Kim Duckett (220).

Rec. Roundup...

(Continued from Page 6)

entrants will be placed in either the open or novice divisions of the tourney. Awards will be presented to first and second place winners in each division.

The entry fee is \$2 for active duty military women and holders of Athletic Association membership cards, and \$4 for all others.

Signups for the tournament are being handled at the Recreation Coordination Office, located next door to the Center gym.

Early Morning Swimming

The early morning lap swimming program, which is currently underway on a trial basis, has been extended through the month of February.

Those who enjoy swimming for exercise are invited to participate in this program Monday through Friday from 6 to 7:30 a.m. There is no charge for active duty military personnel or for members of the Athletic Association. Civilians who are not members of the Athletic Association are required to pay a daily fee of \$1 that is collected by the attendant on duty at the swimming pool.



REBOUND SNAGGED — Steve Motte, 6 ft., 6 in. center for Burroughs, makes good use of his height as he picks off a rebound during the BHS varsity basketball team's final home game of the Golden League season on Wednesday night of last week. The Burros defeated the Saugus Centurions 63-52, and then went on to clinch sole possession of the league championship by edging Palmdale 50-48 last Friday at Palmdale. Clustered underneath the basket as this photo was taken are Kevin Warr (nearest Motte) and Joe Skophammer of Saugus, while Burroughs players on the outskirts of the action are Curtis Edmonson (No. 32) and (at right) Richi Drake.

— Photo by PHAN Alan Emery

College plans cross-country skiing courses

Cerro Coso Community College has scheduled two special courses in cross-country skiing during February and March.

The first cross-country skiing class is scheduled from next Friday, Feb. 29, through Sunday, March 2, and the second class will be held March 21 through 23.

Each course will consist of instruction in the techniques of cross-country skiing at

locations in the Mammoth Lakes area.

The total cost will not exceed \$110 per student. This price covers lodging, meals, ski equipment, and ski instruction. Morris Scharff, a Cerro Coso College instructor, will teach both cross-country skiing classes.

For further information on cross-country skiing, those interested should call the college office, phone 375-5001.

Training opportunities

(Continued from Page 2)

The participant will assist in providing program management support and coordination in the technical and planning activities in the Division's Solid State and Electro-Optic Device Technology. The technical areas include: Microwave Solid-State Devices, Low Frequency Solid-State Devices, Solid-State Control Devices, Josephson Junction Devices, A to D Converter Technology, Signal Processing Technology, Micro-Computer Technology, Charge Couple Devices and Technology, Infrared and Visible Focal Plan Array Technology, Laser Technology, Blue-Green Laser Development, Solid-State Device Reliability.

The Program Management functions involved are as follows:
Performs the program management of the Command's research exploratory development and advanced development efforts in the areas of Solid-State, Electro-Optic Devices and Technology.

Administers the preparation of short and long range plans and schedules for research and development including the justifications and documentation (Program Element Descriptive Summaries, Mini-Master Information Papers, Task Area Plans, Advance Systems Concepts, Navy Decision Coordinating Papers, etc.).

Directs the preparation of and reviews technical research proposals and financial documents including technical estimates, technical justifications, reprogramming requests, and technical evaluations, as well as time and cost estimates necessary to support the proposed efforts.

Directs the Solid-State, Electro-Optic Device and Technology research and development projects and subprojects sponsored by the Division including definition of scope, nature and relative priority of specific tasks, laboratory assignments, or contractual efforts. In particular, the person selected will direct the Solid-State and Electro-Optic NAVELEX block programs, and other special programs in these areas at NRL, NOSC and NADC.

Administers the documentation of status and progress on research and development projects. The documentation is in the form of quarterly progress reports, final reports, journal articles and DD 1498s. The participant will report to the Division Director, Director Naval Material Sponsors, and other higher authority as required. The reports are in the form of verbal presentations, briefing sheets, and position papers.

Provides coordination, assistance and technical consultation with other NAVELEX/SYSCOM codes (particularly PME-106, PME-107 and PME-108), other Commands (NAVSEA and NAVAIR), various agencies (ONR, BUSTD, and DARPA) and contacts to ensure that Navy developments are compatible with other developments and with the latest state-of-the-art. These contacts are with high-ranking officials from inside and outside the Navy in highly unstructured settings with the purpose of influencing, convincing, motivating and directing efforts to insure that the need of the Navy and DoD are met.

Qualifications Required: A Bachelor of Science degree in electrical or electronic engineering or physics; no less than three years experience in electronic technology research and development; at least three years experience in research and development program management; extensive experience in at least four of the technical areas listed in the duties section of this announcement.

Management Analyst, GS-12, Multidisciplinary — the following series may apply: Administrative Officer, GS-341-12; Management Analyst, GS-343-12; Program Analyst, GS-345-12; Industrial Engineer, GS-896-12, located in the Laboratory Operations Division, Headquarters Naval Material Command, Washington, D.C. Developmental Opportunity: This is a one year developmental assignment. It is an excellent opportunity for an individual to receive training in management of the CMM-Commanded RDT&E Centers. The incumbent will play a major role in the administration of the Commercial or Industrial (C/I) Activities Program for the RDT&E Centers. **Training Objectives:** The overall objective of this assignment is to train an individual in Laboratory management policies and techniques with primary emphasis on the C/I Activities Program. Specific objectives will be: (1) To develop a working familiarity with the operations of Navy Headquarters organizations. (2) To develop a working familiarity with the Navy RDT&E community from an overall, interlaboratory perspective. (3) To broaden the incumbent's experience by his/her participation in studies involving issues of importance to the RDT&E community. (4) To develop a detailed understanding of the implementation of the Navy's C/I Program at the claimant, subclaimant, and field activity levels. **Duties To Be Performed:** The participant will perform the following duties: 1. Serve as an action officer to the division director, interfacing with other headquarters offices such as OSD, SECNAV, OPNAV and the SYSCOMS. 2. Participate in day-to-day meetings, decisions and discussions involving the overall management of the RDT&E Centers. 3. Participate in studies and associated efforts involving the Productivity Enhancement Program and mobilization planning efforts for the RDT&E Centers. 4. Participate in the development of C/I implementation plans for CMM by coordinating C/I activity submissions from the RDT&E Centers. **Qualifications Required:** Have a bachelor's degree or equivalent experience; must demonstrate a keen analytical ability in addition to initiative and good judgement; demonstrated management ability to work effectively and appropriately with individuals of many disciplines; ability to communicate freely with others both orally and in writing; possess a secret security clearance.

9-member military team selected to represent Center

A nine-member military rifle team that will represent the Naval Weapons Center in National Rifle Association-sanctioned matches has been chosen following tryouts that were held last Sunday at the NWC high power rifle range located behind B Mountain.

In addition to Lt. Dennis Wilcox, who organized the team, its other members are AZI Craig Wilson, top marksman in the tryouts with a score of 180 out of a possible 200; FTC Nelson Foucher, A02 James Kostek, A02 Ricky Thompson, ABHC Bill Moss, PHAN Doug Mathews, ASM2 James Head, and A02 Dennis Graumann.

Last week Lt. Wilcox and FTC Foucher traveled to Avenal where they competed individually in a metallic silhouette marksmanship match — firing in the off hand (standing) position at distances from 200 to 500 meters.

Using bolt action rifles equipped with 10 power scopes especially designed for animal silhouette target shooting, Lt. Wilcox and FTC Foucher both returned home with trophies for their efforts, in spite of rain and ankle-deep mud. Lt. Wilcox placed second in the Class A competition, while FTC Foucher picked up a trophy for hitting 7 out of 10 metallic silhouette targets at a range of 300 meters.

China Lake Little League schedules special meeting

A special meeting of members of the China Lake Little League has been scheduled at 7 p.m. Tuesday at the Computer Sciences Corp. building, corner of Norma St. and Inyokern Rd., in Ridgecrest.

Dan VanderWerf, newly-elected president of the Little League board of directors, has called the meeting for the purpose of reviewing the league's revised constitution prior to its acceptance, modification, or rejection at another meeting to be held a week later on March 4.



Recreation Roundup
Commander's Cup basketball games slated next week

Commander's Cup athletic competition in basketball has been scheduled next week at the Naval Weapons Center gym. Tip-off time for all three games is 5:30 p.m.

In the first game on Tuesday, cagers representing Air Test and Evaluation Squadron Five (VX-5) and NWC Blue (Code 612) will clash.

On Wednesday, Feb. 27, it will be VX-5 vs. NWC Gold, and the NWC Blue and NWC Gold basketball teams will tangle on Thursday, Feb. 28.

Prospective players for each team should contact their athletic representative. They are Roy Tefft, NWC Blue, phone NWC ext. 5496; Ken Boswell, NWC Gold, phone NWC 2016; and John Smith, VX-5, NWC ext. 5274.

Previously scheduled, but subsequently postponed, have been Commander's Cup competition in racketball and inner tube polo that are due to be held at a later time.

Tiny Tot Swim Class
Signups are now being taken for another six week series of swimming classes for tiny tots (six months to three years of age) that will be taught by Adrienne Swinford.

The classes will be held on Tuesdays, beginning Feb. 26, and have been scheduled from 9:30 to 10 a.m. at the Naval Weapons Center's indoor swimming pool.

Registration for the class is being handled on weekdays from 9 a.m. to 5 p.m. at the Recreation Coordination Office, located next door to the Center gym.

Women's Racketball Tourney
Women racketball players have until 4:30 p.m. next Wednesday, Feb. 27, to register and pay entry fees if they wish to compete in the 1980 women's racketball tournament that will be held from Friday, Feb. 29, through Sunday, March 2, at the racketball courts adjacent to the Center gym.

Depending upon their playing ability, (Continued on Page 7)

Little League baseball signups begin next Thurs.

Registration of boys and girls interested in taking part in the 1980 season of China Lake Little League baseball competition will be held next Thursday, Feb. 28, from 7 to 9 p.m. at the Groves Elementary School auditorium.

For those who are unable to make it out next Thursday night, China Lake Little League signups also will be held at the same time and place on March 5 and 7.

In order to be eligible to play Little League baseball this season, boys and girls must have been born between Aug. 1, 1967, and Feb. 1, 1974. Proof of each child's age must be provided at the time of registration.

A voluntary donation of \$20 per player or \$30 per family is being requested to help defray expenses for the 1980 Little League baseball season.

In order to compete on teams in the China Lake Little League, youngsters must live within the area north of the Trona Rd. and east of China Lake Blvd., or in that part of the city of Ridgecrest located north of Drummond Dr. and west of China Lake Blvd.

Burroughs cagers repeat as Golden League champions

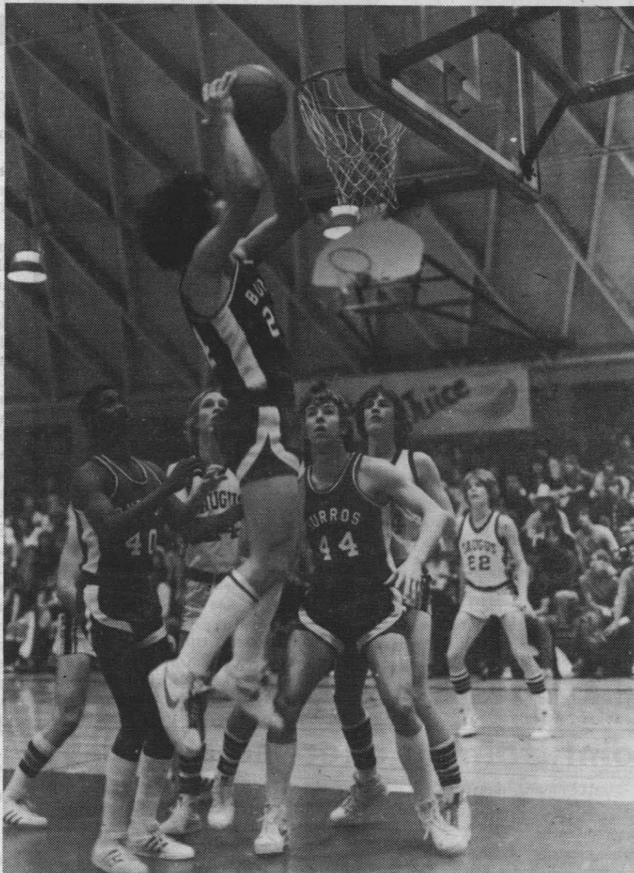
For the second year in a row, the Burroughs High School boys' varsity basketball team, coached by Larry Bird, has won the Golden League championship.

The Burros, who posted a record of 11 wins and 1 loss in league competition, and won 8 out of 10 non-league encounters (all on the road), were pushed to the limit to emerge with a 50-48 win against the Palmdale Falcons last Friday night at Palmdale.

The victory not only earned the Burros cagers back-to-back Golden League titles in basketball, but also garnered them the right to enter the CIF Class 2-A playoffs as the home team tonight.

The BHS varsity hoopsters will host the Burbank High School squad — a team that finished in third place in the tough Foothill League which includes schools located in

Burros Boys' Varsity Cagers	
Golden League Champs '80	
Non-League (8-2)	
Burroughs 78	— Bakerfield 57
Burroughs 54	— Arroyo Grande 52
Burroughs 77	— San Marcos 91
Burroughs 61	— San Luis Obispo 69
Burroughs 92	— Bishop 62
Burroughs 70	— Highland 57
Burroughs 104	— San Bernardino 63
Burroughs 56	— Fontana 43
Burroughs 64	— Barstow 62
Burroughs 73	— Eisenhower 59
Golden League (11-1)	
Burroughs 82	— Quartz Hill 48
Burroughs 70	— Antelope Valley 56
Burroughs 79	— Canyon 32
Burroughs 60	— Hart 54
Burroughs 55	— Saugus 35
Burroughs 88	— Antelope Valley 46
Burroughs 63	— Palmdale 52
Burroughs 71	— Quartz Hill 61
Burroughs 68	— Hart 50
Burroughs 60	— Canyon 61
Burroughs 67	— Saugus 57
Burroughs 50	— Palmdale 48



JUMPING JACK — Going in for a lay-up, Mike Wirtz, stellar forward for the Burroughs High School boys' basketball team, demonstrates the type of play that makes him a top candidate for all-Golden League honors. Wirtz (with ball) was the top scorer with 19 for Burroughs in this game (Feb. 13) against Saugus, and also was the leading point maker for the Burros in the season finale last Friday at Palmdale, where he tallied 15 points. Other players for the Golden League champs who are visible in this photo are Dalton Heyward (No. 40), at left, and Steve Motte (No. 44).

the Pasadena area. Tip-off time is 7:30 this evening at the Burroughs High gym.

In repeating as Golden League champs, the 1980 BHS varsity basketball team improved upon its 7-3 non-league and 10-2 league record in 1979.

Sole possession of the league title came down to the final game of the season last Friday night at Palmdale, since a win by the Falcons would have vaulted them into a tie with Burroughs for the Golden League basketball championship.

Going against the Falcons in this game, the Burros were without the services of Dalton Heyward, a standout sophomore player, and also went in action before the largest and most vociferous crowd they had played for all season long, Coach Bird reported.

Not unexpectedly, the game was a barn-burner from the opening tip-off. After building up a 5-point advantage of 18-13 in

the first 8 minutes of action, the Burros were plagued by a scoring drought — being shut out for nearly half of the second period of play.

The Falcons took advantage of this situation to take a short-lived lead, but a field goal by Richi Drake for Burroughs tied the game at 27-27 just before the halftime buzzer.

During the third period of play, bedlam reigned in the Palmdale High gym as neither team was able to open up more than a 2-point lead. With the score tied at 41-41, the stage was set for the critical fourth and final period, and the Burros responded to the challenge by opening up a 5-point lead of 50-45 with 3½ minutes left in regulation.

(Continued on Page 7)

Loewen's hoopsters wrap up Intramural League title

The Loewen's A cagers, who early in the season established themselves as the team to beat in Division A of the China Lake Intramural Basketball League, wrapped up the division title last week by an 81-73 win over the Seattle II hoopsters.

In this victory, the 12th in a row for the Division A champs, Les Bazemore rattled the hoop for 23 points to lead the Loewen's A team to an undefeated season, but the game's high point man was Buzz Gibbs, who tallied 28 in a losing effort for Seattle II.

Two teams — the Shooters and the Sports Etc. Raiders — tied for second place in Division A after also winning their final games of the season. The Shooters nipped Desert Motors, 46-45, while the Raiders edged the Seattle II squad by a final score of 45-43.

Dan Branson, of the Shooters, and Mike Rindt, of Desert Motors, tied for high point honors with 12 points each in the game between these two teams, which was a close one from start to finish. Desert Motors led, 23-22, at the half.

The Seattle II team, which finished with a record of 1 win and 11 losses, came close to picking up its second victory of the season only to lose by 2 points to the Sports Etc. Raiders.

Alan Robertson scored 17 points for the

Raiders in the narrow win that enabled his team to earn a tie for second place in Division A, while J. J. Hewell led Seattle II in the scoring department with 13 points.

In a showdown for the championship of Division B, the Loewen's B team pulled out a 56-54 win over the second place Burger King squad to nab the title.

The Loewen's B squad trailed, 33-30, at the half, but pulled ahead to win by a single

China Lake Intramural Basketball League Standings as of Feb. 15:

Team	Won	Lost
Division A (final)		
Loewen's A	12	0
Shooters	7	5
Sports Etc. Raiders	7	5
Desert Motors	3	9
Seattle II	1	11
Division B (final)		
Loewen's B	9	1
Burger King	8	2
Bebops	6	4
James Gang	3	7
Night Stalkers	2	8
Nuggets	2	8
Division C		
Poochies	9	2
Inmates	8	3
Comarco Chickenhaws	6	5
Gas Bags	5	6
Pizza Villa Floorburners	5	6
Brown Sugar	4	7
Fat	2	10

basket at the final buzzer. Richard Peterson was on target for Loewen's B as he tallied 34 points. Leading scorer for the Burger King squad was Doug Taylor, who chalked up 20 points for his team.

During the only other Division B game played in the final week of the season, the James Gang posted a 45-37 win over the Night Stalkers. High point honors in this contest were shared by Gary Ziegler, of the James Gang, and Mark Lehman, of the Night Stalkers, who tallied 16 points each.

In Division C action last week, the Poochies slipped into first place — a game ahead of the Inmates — as a result of their 50-32 win over Fat. John Burmeister scored 11 points for the division leaders in this game with the Division C cellar dwellers, who got 10 points from Mike Lambert.

The Inmates, runners-up in Division C, posted a victory over the Comarco Chickenhaws in a low-scoring tilt that ended with the Inmates out in front by a final tally of 35-28. Dan Ward's 9 points for the Inmates were enough to earn him high point honors in this game.

As the result of a forfeit by the Brown Sugar cagers, the Fat team garnered its second win of the season. The "game" went into the records as a 2-0 win for Fat.



SPECIALIZED TRAINING COMPLETED — Proud graduates of a 230-hr. course developed by the California Commission on Peace Officer Standards and Training are (kneeling, l. to r.) Andrew Pudgorski, Antonio Delacruz, Carl Schroeder, and Clyde G. Moore. Standing (l. to r.) are Robert Banks, William C. Weber, Jr., Bill Irby, and China Lake Police Chief Ron Nelson, who was one of the instructors for the course. Also attending the class were Ridgecrest Police Reserve officers, and students from Cerro Coso Community College. — Photo by Ron Allen

Special training completed by China Lake police, Ridgecrest reservists

A group of China Lake Police Division personnel, Ridgecrest Police Reserve Officers, and students from Cerro Coso Community College completed a 230-hr. specialized police training program last week.

They hold the distinction of being the first group in the state to complete the course developed by the California Commission on Peace Officer Standards and Training (POST).

This course, certified by the Kern Community College District, forms part of the administration of justice college curriculum. Those who completed the course received their certificates of completion, certification in first aid, and seven units of college credit. They will also receive Certificates of Completion from POST.

Instructors for the program included China Lake Police Chief Ron Nelson; Steve Kaupp, Director for Security; Ridgecrest Police Chief Bob Norman; Bruce Pelletier of the Highway Patrol; and supervisory personnel from the China Lake and Ridgecrest police agencies. All instructors were certified by Cerro Coso Community College.

The classes, which were held evenings and Saturdays, covered a wide range of subjects from ethics and professionalism, to criminal investigation, weaponless defense, and patrol procedures.

Class members also got "hands-on" training in target practice and vehicle operations, as well as instruction in physical fitness, first aid, and cardio-pulmonary resuscitation.

Proposed billboard slogan reflects local pride in NWC

Community pride in the Naval Weapons Center may soon be in evidence on a Highway 14 billboard located near the Walker Pass Road turnoff.

According to Don Padgett, president of the Ridgecrest Chamber of Commerce, the local businessmen's group is expected to pay heed to the results of a Daily Independent newspaper telephone survey that was held to determine what principal message residents of this area would like to see on the revised Ridgecrest CoC billboard.

"Home of the World's Greatest Naval Weapons Center," a slogan submitted by Vet Payne, NWC Public Affairs Officer, was the popular choice by a sizable margin over such alternatives as "Home of the Maturango Museum," "Home of the High Desert Escapades," and "Home of 15,000 Happy Citizens."

Suggestions of other telephone survey callers included such gems as "Home of Sun, Science and Serenity," and "Home of the Wild Burros," as well as "Ridgecrest: Oasis of the High Desert."

Recent interest in the Ridgecrest CoC's Highway 14 billboard was aroused by the work of vandals who altered the sign, which had read "Shortest Route to Death Valley," by blotting out the word "Valley."

Banquet on Feb. 29 to climax local observance of Black History Week

The local observance of Black History Week, which has been scheduled Feb. 25 to 29, will be climaxed by a banquet to be held next Friday, Feb. 29, at the Chief Petty Officers' Club.

Featured speaker for this occasion will be James Mosley, Equal Employment Opportunity representative from the Office of Personnel Management's regional office in San Francisco. Mosley's topic will be "New Directions in Equal Employment Opportunity Within the Federal Government."

Mosley, a former Civil Service employee at the Hunter's Point Naval Shipyard in San Francisco, transferred to the Civil Service Commission regional office in 1972 as an EEO specialist, and has held his present position for approximately three years.

The guest speaker and NWC's top management officials who are scheduled to attend the Black History Week banquet will be introduced by Beto Bernal, Deputy EEO Officer and head of the EEO Office at NWC.

Tickets to the banquet, priced at \$5.50 each, went on sale last week and can be reserved through next Wednesday, Feb. 27, by calling Lucy Lambert, phone NWC ext. 2348; Mabel Hawley, NWC ext. 3508; Mattie Logan, phone 375-4548; or Lucille Dunn, phone 446-4086.

This special event will begin with a social hour at 6 p.m., and dinner is scheduled at 7. The talk by Mosley will conclude the evening's activities.

Also a part of the local observance of Black History Week will be two workshops that will be conducted by Bernal in the Community Center. One on "Reverse Discrimination" is scheduled from 9 a.m. to noon on Tuesday, Feb. 26, as well as on Wednesday and Friday, Feb. 27 and 29,

from 1 to 4 p.m. The second workshop, entitled "Affirmative Action," will be held on Tuesday and Thursday from 1 to 4 p.m.

In addition, there will be a panel discussion at 9 a.m. next Thursday, Feb. 28, in the Community Center during which local problems affecting members of the black community will be discussed by Indian Wells Valley residents who are knowledgeable about such matters. Panel members will be Jim Lewis, Mabel Hawley, Milt Ritchie, R. H. Booth, and Fred Nathan.

Those who attend either the workshops or the panel discussion may, if they request it, receive EEO training credit.

Rainstorm . . .
(Continued from Page 1)

serious problems of flooding on roads occurred with the exception of the Randsburg Wash area. In that part of the NWC ranges, dips in areas where natural drainage occurs cause pools of water to form on the road whenever it rains. Signs were posted to warn motorists to slow down until the water subsided in such low spots, Crista added.

The Public Works trouble desk did receive a number of calls regarding leaks in the roofs of some housing units. Repair work was instituted immediately, and, in those cases where the roofs were found to be in need of more extensive renovation, information was turned over to the Engineering Division of Code 28, whose personnel prepare and administer a contract for installing new roofs.

Energy conservation tip
Install a flow restrictor in your shower. It's easy to install and saves water by restricting the flow to 3 or 4 gallons per minute, which is adequate for showering.

Harpoon Simulation Lab . . .
(Continued from Page 1)

profiles, the UUT can be evaluated quickly for mission performance. The computer system oversees the total test program by sequencing events, and providing, collecting, and storing data.

A flight diagnostic program — using computer simulations that have been compared to data gathered from actual flight tests—will be used to determine operational reliability, to monitor production, and to determine performance requirements. This cost-effective approach was necessitated by limited missile inventories, frugal production monitoring, and a limited number of flight test missiles.

The Automated Guidance Assembly Test System (AGATS) is the control center of the test operation and contains all the controls, signal stimuli, response processors, displays, and switching matrices required for programming and testing the Harpoon seeker/guidance units. The AGATS has been tailored to test the full range of these units' complex and unique characteristics.

Programmed circuits have been specified to simulate Harpoon flight profiles and environments. These include targets,

decoys and jammers with programmable characteristics such as range, range rate, angle rate, acceleration, and various power levels.

Traveling wave tubes (which are ultra high frequency amplifiers) and an automatic frequency control system will permit high-power closed loop RF operation.

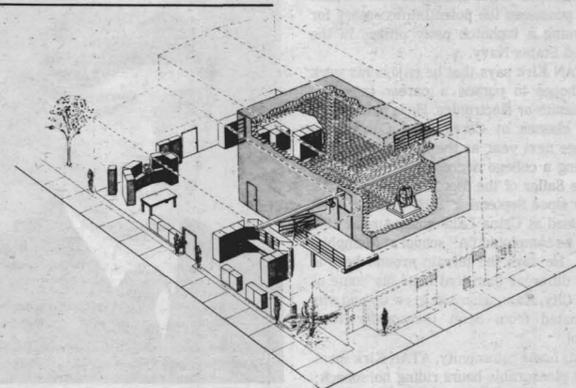
A central computer operating through a switching matrix will control the UUT and the test station equipment including equipment located in the anechoic chamber and the RF room. Selected manual controls will permit the operator to set up non-specified test conditions to permit debugging or for other purposes.

The Automatic Harpoon Sub-assembly Test System (AHSATS) is an off-the-shelf high speed computer system that provides test and diagnostic capability for digital, digital-analog, and analog assemblies, sub-assemblies, modules, and integrated circuits. The versatility of AHSATS insures a high quality, easy to use test capability that can deal with both current requirements and new test requirements.

The system has both easily expandable test electronic and many analog option combinations. The operator controls the system by a cathode ray tube display and keyboard, at which all programming and system operation is done. Programs are written using the conversational On-Line Translator (COLT), which permits an operator to generate, edit, debug, and document a test program without leaving his seat at the AHSATS console.

The new laboratory is oriented toward computer controlled operation and testing because computers ensure both greater speed and accuracy in testing, more repeatable results, and no transcription errors. Acceptance limits can be accurate and not subject to human judgement.

Broad diagnostic capabilities can be programmed into the tester. And, most important, far more extensive testing can be conducted than could be using more conventional methods.



Architect's sketch of Harpoon Simulation Lab.



AERIAL MULE— One of the Naval Weapons Center's helicopters airlifts a winch to the top of one peak that flanks Burro Canyon, a task that could formerly have only been performed by four-legged beasts of burden because the climb is too steep for any motor vehicles. Concrete pads (also poured from the helicopter) had been emplaced earlier on two peaks 2,637 feet apart; cable linking the two pads was airlifted in. The cable will span the canyon and serve to hold test equipment in place that will be used to analyze instantly the byproducts of blast or burning during destructive testing. —Photo by Ron Allen

NWC technical communicators score high in competition on quality of brochures

A brochure entitled "25 Years of Service to the Fleet," written for the Fuze and Sensors Department, has won first place in a regional writing competition for an NWC writer-editor and illustrator team and has been entered in national competition. Jane Casey, Code 3412, wrote the brochure recounting the history of Code 33 for that department's silver anniversary last summer; Walt Koerschner, Code 3441, illustrated the brochure.

The brochure was entered in a regional competition sponsored by the San Diego Chapter of the Society of Technical Communication. First and second place winning entries have been forwarded to national levels, with the winners to be announced at the International Technical Communication Conference scheduled next May in Minneapolis.

A second NWC writer-editor and illustrator duo also scored in the same competition, receiving an honorable mention. The nod went to Bill Wright, Code 3411, and Bill Erwin, Code 3441, for their brochure entitled "When It Comes to Parachutes, Come to Us," written for the Parachute Systems Department.

Mrs. Casey, who hold a B.A. degree in English from California State University, Northridge, has been employed in the Technical Information Department since 1975. She is an active member of the Sierra-Panamint Chapter of STC, and has been editor of that organization's newsletter, "The Signpost," for the past two years.

Koerschner holds a B.A. degree in psychology from Case Western Reserve University and has studied art at both the Cleveland School of Art and Art Center in Pasadena, Calif. He has been employed by TID since 1970.

Wright is new to NWC, having come to work as a writer-editor in late 1979 after a career in journalism. He holds a B.A.

degree in English from Siena College in Loudonville, N.Y.

Erwin has been an employee of TID for 10 years. He holds a degree in art from the University of Arizona.

ATAN Roy Kirk chosen as NWC Sailor of Month for January

Aviation Electronics Technician Airman Roy A. Kirk has been selected as the Naval Weapons Center Sailor of the Month for January.

In the letter recommending him for this honor, his supervisor, Lt. M. D. Backes, notes that ATAN Kirk is a highly resourceful and energetic individual who ensures that all facets of his assigned tasks are completed to the highest professional standards, and that his willingness to accept all assignments and carry them out promptly and accurately enabled him to become a qualified plane captain for the U-9 aircraft in a minimum amount of time.

Lt. Backes' letter concludes that Airman Kirk possesses the potential necessary for becoming a topnotch petty officer in the United States Navy.

ATAN Kirk says that he enjoys his work and hopes to pursue a career in either mechanics or electronics. He is planning to take classes at Cerro Coso Community College next year as the first step toward earning a college degree.

The Sailor of the Month has been in the Navy since September 1978, and has been stationed at China Lake since August 1979 after he completed "A" school at Memphis, Tenn. He says the terrain around here is quite different than that near his home of Scott City, Kan., where he grew up and was graduated from Scott Community High School.

In his home community, ATAN Kirk spent many pleasurable hours riding horseback; he also tried his hand at the bull riding event

Motorcycle riders now required to attend safety training course

In compliance with a recent revision of the Navy Traffic Safety Program (OP-NAVINST 5100.12A), all motorcycle riders (both military and civilian) are now required to complete a motorcycle safety training course in order to begin or continue to operate a motorcycle on the Naval Weapons Center.

The instruction states in part, "Each operator of a privately owned motorcycle, registered to be operated on a naval installation, shall as a prerequisite to being issued an installation decal, successfully complete two or more parts of a motorcycle training course designed to differentiate between a skilled and an unskilled

Questionnaires on CSRA Demonstration Project due now

Any of the 25 percent of Naval Weapons Center employees who received questionnaires in January for an opinion survey who have not yet filled these questionnaires out and returned them are urged to do so promptly.

The questionnaires were sent out by the Westinghouse Learning Corporation, which is under contract to the Office of Personnel Management to conduct the opinion survey of a statistical sample of Center employees who will be included during the 5-yr. life of the joint NWC-NOSC Civil Service Reform Act Demonstration Project.

Opinions are needed to establish the data base and guide for the Demonstration Project. Employees are urged to express their honest opinions and to return the questionnaires no later than Feb. 28.

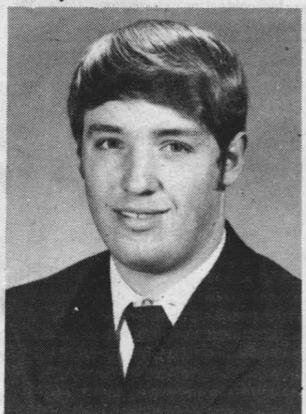
Employees are assured that their opinions will remain confidential. The information received by Westinghouse will be put on tapes, and these tapes will then be sent to the University of Southern California and any other external evaluation group under contract to do the data reduction. Neither NWC nor NOSC will see the tapes.

Coding on the envelopes is merely to ensure that the information is tabulated with the proper group, and will not be used to tie any particular opinion to any one organization or individual.

in rodeo competition.

Here his hobbies are somewhat more subdued although equally active. He competes on a Division C intramural basketball team, plays football, and is looking forward to the start of softball season as well. The only individual sport that he has pursued at China Lake is golf; he says that he has not really located any horses that he can ride.

As a result of his selection as Sailor of the Month, ATAN Kirk will receive an NWC plaque and a letter will be put into his service jacket.



ATAN Roy A. Kirk

motorcycle operator."

The instruction also establishes the requirement to provide a training course for inexperienced personnel who wish to ride a motorcycle. This course is to be designed to help the inexperienced rider attain a safe level of proficiency.

Here at NWC, the motorcycle safety training course is now given regularly on the third Wednesday of each month, starting at 7:30 a.m. In addition, when sufficient interest is shown, a similar class is scheduled on Saturdays at 8 a.m.

Persons interested either in attending this class themselves, or making arrangements for a family dependent to do so, are asked to call NWC ext. 2367. Additional classes will be offered as needed.

This motorcycle safety class is being given as a part of the official training for both military and civilian personnel on Center.

Individuals who have been riding a motorcycle on Center, and already have a decal for their motorcycle, are encouraged to take the course as soon as possible. However, they will be given until their present decal expires to complete the course. New personnel will be issued a temporary decal good for a 30-day period to enable them to use their motorcycle until a regular motorcycle class is scheduled. After the course is completed, a regular decal will be issued to motorcyclists who attend.

The aforementioned motorcycle safety requirements do not apply to pedacycles or mopeds with engines of less than 50cc displacement. Licenses and equipment for such vehicles must meet the state traffic code requirements.

Moped operators may attend a motorcycle safety class voluntarily if they wish to do so.

School district asks parents for opinion about basics program

Questionnaires concerning a Basics Program have been mailed to the parents of children in the Sierra Sand Unified School District.

Parents are asked to express their opinion on expanding a Basics Program at the elementary level, or developing a Basics Program within the junior high schools.

Currently there are 423 students enrolled in a Basics Program at View Elementary School and a waiting list of 132 who want to enroll. Expansion of the Basics Program for junior high and elementary students will depend upon interest shown by the parent survey.

The Basics Program emphasizes reading, writing, spelling, language and arithmetic. Study habits are taught and homework is regularly assigned. Strict standards of discipline and dress are included, and a contract between school and family is signed.

A unique feature of a Basic Program is that it is voluntary. Parents, students and staff express an interest and commitment to the program.

The results of the survey will influence planning by the local school district. Questionnaires are available at the Sierra Sands Unified School District Office, 113 Felspar, Ridgecrest. Any parent not receiving a questionnaire in the mail is encouraged to pick one up at the school district office.

Robert Murray sworn in as Navy Under Secretary

Robert J. Murray was sworn in as Under Secretary of the Navy on Feb. 15.

The Pentagon ceremony was conducted by Secretary of Defense Harold Brown.

Murray, who formerly served as Deputy Assistant Secretary of Defense for Middle Eastern Affairs, replaces R. James Woolsey as Under Secretary of the Navy.



VISITS NAVAL WEAPONS CENTER— J. G. Grosson (seated in helicopter) was here on Monday of last week for an overview of the many and varied activities that are carried out at the Naval Weapons Center, and also to discuss a guide for Navy project managers. Grosson is a deputy to Rear Admiral R. J. Oth, Deputy Chief of Naval Material for Acquisition in the Naval Material Command. His visit here included a helicopter tour of the NWC range area, as well as briefings on the Advanced Medium Range Air-to-Air Missile and the F-18 Hornet Weapons System Support Activity. —Photo by PHAN Alan Emery

Joint training exercise slated...

(Continued from Page 1)

Ridgecrest; NWC's "guests" will have their own credit cards.

When personnel arrive at the Slate Range peak they will find a tent city of 30 tents erected on a site that has been bulldozed. This area has been cleared previously, and will be left clean once more when the tents are folded and packed away. The area is being sprayed with an NWC-developed compound to allay the dust.

The tent city will have power, water from the Center's water station, and telephones. A USAF-Red Horse unit (a construction group like the Navy's Seabees) will build showers on the site, and a contractor will supply and service portable latrines. These will not tap into newly constructed septic tanks, although kitchen drains and showers will.

The San Bernardino County offices at Victorville had to approve septic tank plans to be sure that these were built according to good engineering guidelines. All drains have to be carefully screened so that only water will percolate through the 4-by-4-ft. gravel pit and seep down to ground water level.

Dumpsters will take care of solid wastes; a local contractor will provide dumpster service every other day.

One of the tents will serve as the mess tent; Gallant Eagle personnel sent to China Lake will include seven cooks. Pots, pans and supplies will be provided by the NWC galleys.

Two additional tents will serve as recreation tents, containing a pool table, ping pong tables, and other recreational equipment loaned by NWC's Special Services Division. A service truck provided by

Aetna representatives to be on board Wednesday

Mrs. Carmen Ziegler, an Aetna Insurance representative, will pay a visit to the Naval Weapons Center next Wednesday, Feb. 27, for the purpose of meeting with Aetna health insurance enrollees who have questions or problems regarding the submittal of claims.

Mrs. Ziegler will be available in the Yucca Room of the Community Center between the hours of 11 a.m. and 4 p.m.

Appointments to see the Aetna Insurance representative can be made by calling Eileen Baird at NWC ext. 2018 or 2595.

the Navy Exchange will also make a daily trip to the mountain top with personal items for sale. A laundry in town will provide daily laundry service.

The bus that brings personnel back and forth from the Slate mountain area to the main part of the Center will run throughout the day because the personnel will be working around the clock.

When Gallant Eagle 80 folds its wings, the same teams that prepared for the operation will again swing into action. Equipment will be trucked out, the giant C-141 aircraft will again swoop into Armitage Airfield to load up the personnel and gear, and the campsites and other areas used will be cleared and restored.

All that will be left will be the lonely desert, and the mounds of paperwork assessing the results of the readiness exercise.

Long term training applications for fall semester due March 3

Applications for long term training at a college or university for the 1980 fall or winter quarter or semester must be submitted by Monday, March 3.

Both graduate and undergraduate programs lasting for a period of 120 consecutive days or longer are supported by NWC.

Navy Civilian Personnel Command funds are available to cover the trainee's travel allowance to and from the school, tuition and fees for enrollment, and payment of moving his or her immediate family and household goods to the school and back to the Center. NWC will be responsible for the trainee's salary.

Long term training may be considered to meet any of the following objectives: to update an employee's knowledge of his or her field; to provide a technically oriented employee with tools of management where job responsibilities have become primarily managerial; to expand an employee's knowledge and background in an occupational specialty by providing an opportunity to learn about significant breakthroughs as they pertain to the mission of the activity; to acquire knowledge of some aspects of another occupation as they relate to an employee's present occupation where responsibilities are either interdisciplinary or multidisciplinary; and to provide knowledge of motivational and human factors that

contribute to technical and managerial competence.

The Technical Planning Board will consider applications in any area of study that relate directly to NWC program requirements.

Long-term training instead of after-hours, short-term, or part-time training is considered when the following criteria are met:

(1) The new knowledge and skills required of an employee, either in present or planned assignments, require a comprehensive and concentrated program of study.

(2) Time span for acquiring new skills or knowledge is such that an accelerated study program of long-term, full-time duration is needed.

(3) The academic superiority of the institution selected is such that it is clearly in the interest of the government that the employee attend the selected institution.

(4) No educational institution or academic program exists in the local or commuting area for part-time or after-hours training in the needed discipline.

To be eligible, employees must have completed three years of NWC employment by the time that training begins. Further information and counseling about various programs and application procedures may be obtained from Terry Mitchell by calling NWC ext. 2574.

EEO staff to teach Affirmative Action class for managers

Managers and supervisors at the Naval Weapons Center interested in attending a course on Affirmative Action have until next Friday, Feb. 29 to submit a training request and authorization form to the Personnel and Organization Development Division (Code 094) of the NWC Personnel Department.

This course, which will be given by members of the Center's Equal Employment Opportunity staff, will be held on Tuesday, March 11, from 7:45 to 11:30 a.m. at the Training Center.

Purpose of the instruction is to explain and instill in managers and supervisors an understanding of the basics of EEO law, the problems associated with the law, as well as why the EEO law must be applied in each manager or supervisor's own area of responsibility.

Happenings around NWC

The first public meeting of the Community Advisory Council (CAC) for Special Education will be held on Wednesday, Feb. 27, at 7 p.m. at the Sierra Sands School District Conference Room, 113 West Felspar Ave. in Ridgecrest.

CAC will work with the Sierra Sands School District to improve communication between families with children who have special education needs and school district personnel.

CAC will also provide publicity and public information concerning the Kern County Comprehensive Plan for Special Education.

Interested parents, educators, and other local residents are invited to join the organization. Those seeking additional information may obtain it after 5 p.m. by calling Allis Wetzel, 375-2849; Karen Clark, 446-2723; or Jann Philpott, 377-4702.

EAP Course for Managers

Enrollment is now open in a course in Management of the Troubled Employee that will be held on the morning of Tuesday, March 11, at the Training Center.

This 3½-hour course will be taught by Ken Burton, of the Desert Counseling Clinic. Its purpose is to familiarize supervisors and managers with the help that is available through the Employee Assistance Program (EAP), and teach them how they can use this program to improve the job performance of their subordinates.

Those attending this course will learn how to refer troubled employees to the EAP.

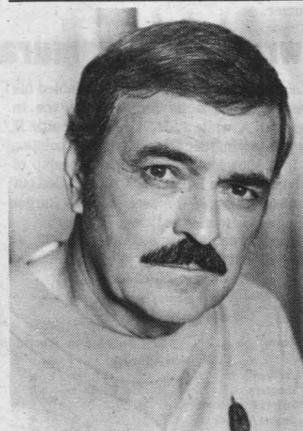
Employees who wish to attend this course must submit an NWC training request and authorization form via proper department channels in time for it to reach Code 094 no later than Feb. 27.

CPR Instruction Offered

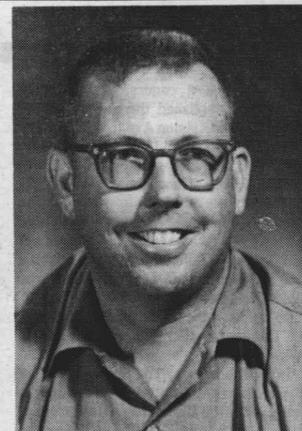
A Red Cross course in cardiopulmonary resuscitation (CPR) will be held on Monday from 6 to 9 p.m., and will continue on Wednesday and the following Monday evening at the same time.

The class, taught by Fred Camphausen, will be held in the Red Cross office on the Naval Weapons Center. A fee of \$3.50 will be charged to cover the cost of classroom materials and books.

Anyone wishing further information may telephone the instructor, Camphausen, at NWC ext. 2264 during the daytime or 446-5643 in the evening.



FASCINATING EVENING



— The local observance of National Engineers' Week will be highlighted by a dinner tonight at the Commissioned Officers' Mess. Guest speakers for this event, which is sponsored by the High Desert Engineering Association, are James Doohan and Dr. Carl Austin. Doohan (at left), has been designated an honorary guest engineer because of his role as Engineering Officer Scotty in the "Star Trek" television series. He will talk about the filming of the motion picture "Star Trek" in which he is one of the featured actors. Dr. Austin, head of the Geothermal Utilization Division in the NWC Public Works Department, will outline the possibilities of "Profitable Gold Mining for the Amateur," a subject in which there is renewed interest because of the rising price of gold. A social hour starting at 6 p.m. will precede dinner, and the program featuring the two speakers will begin at 8 o'clock.