



LOOK AT THE DUST — "The Star Spangled Girl," played by Kathy Karner, vigorously uses a feather duster to deliberately interrupt the work of "Fallout" magazine editor, Andy Hobart (Warren Jaul). Not shown is "Fallouts" writer, Norman Cornell, portrayed by Glen Banister. "The Star Spangled Girl," a comedy by Neil Simon, will be performed by the China Lake Players on May 1, 2, 8 and 9 at the Groves School auditorium. Curtain time is 8:15 p.m. For reservations, phone 375-9470 or 375-5636. Some tickets will be available at the door, but reservations are recommended.

Festive fund-raiser slated Sun. to benefit Crusade for Cancer

A dinner and stage show in the exhibit building at the Desert Empire Fairgrounds in Ridgecrest will be held Sunday evening as a part of local area participation in the 1981 Crusade Against Cancer.

This festive fund-raising event will begin at 6 p.m. with a dinner of fried chicken, french fries and cole slaw catered by members of the Indian Wells Valley Branch of the National Association for the Advancement of Colored People (NAACP).

The exhibit building will be transformed into a dinner-theater by the use of potted shrubs loaned by Mean's Nursery in Ridgecrest for this occasion, oil paintings placed on exhibit by Martina Camphausen, and cloth-covered dinner tables.

Music while the food is being served will be provided by Jerre Lee Cross at the organ and violinist Maury Johnson.

All this will be a prelude to an evening of outstanding entertainment directed by Elene Vitale, an audio-visual specialist employed in the NWC Technical Information Department.

The spotlight will be not only on local talent, but also on a trio of performers from the Lawrence Welk television show.

Among the local entertainers in the variety show will be Rebecca Conner, Bob Huey, Lyle Gregory, Ava McClendon-Whitman, John and Janice Anderson, and dancers from the Sierra Academy of Dance.

Musical accompaniment for the song and dance numbers, and background music for comedy skits will feature Paul Riley, noted local pianist who is dean of student personnel services at Cerro Coso Community College, and Paul Burns, president of the

Navy Wives Club plans

two fund-raising events

A series of fund-raising events to help bring in money that will be contributed to the Navy Wives Club of America (NWCA) national scholarship fund, and also be used for other charitable purposes throughout the year, were announced this week by Desert Flowers Chapter No. 125 of the NWCA.

The first such event will be a sale of baked goods and chili that will be held next Thursday, April 30, at the Air Test and Evaluation Squadron Five (VX-5) coffee mess from 10:30 a.m. to 1:30 p.m.

Also coming up is a yard sale on Friday, May 8, in front of the old Station Restaurant (corner of Blandy Avenue and Lauritsen Road), which is the new meeting place of the Navy Wives Club. The yard sale is planned from 7:30 a.m. to 3 p.m.

Inyokern Chamber of Commerce, playing the guitar.

Ms. Conner, who has sung in choirs and performed in operas in New York and Los Angeles, in addition to her local appearances in Community Light Opera and Theater Association (CLOTA) and Cerro Coso College productions, will sing contemporary songs, including "Send in the Clowns."

Huey, who heads the Recreation Division in the NWC Recreational Services Department, will display his vocal music talent by singing such selections as "Supper Time" from the musical comedy "You're a Good Man Charlie Brown."

Gregory, whose experience includes TV appearances as a singer and dancer and also as a leading performer and dance choreographer for a dance troupe that toured Venezuela, is known locally as a dancer and disc jockey. Sunday night, however, he, too, will be on the program as a vocalist and will be singing two songs that he composed.

During a comedy monologue, Ms. McClendon-Whitman will recreate the character Louisa May from the skit entitled "Charles Henry." A former first place winner on the television "Gong Show," she has appeared locally in CLOTA, Cerro Coso College and China Lake Players' productions.

Accompanied by her husband, John, on the guitar, and Riley at the piano, Janice Anderson will sing "The First Time Ever I Saw Your Face." This same group also will present an original song written by John Anderson, arranged by Dr. Frank Dickey and "embellished" by Riley.

The evening's activities Sunday will be concluded by panelists who will provide information and answer questions about services that are available locally to aid cancer victims.

Tickets, priced at \$10 for individuals and \$15 for couples, can be purchased at the Ridgecrest Chamber of Commerce office, 303 S. China Lake Blvd., Ridgecrest; from the Moose Lodge located at 150 Reeves St., Ridgecrest; from members of the NAACP and the Ridgecrest Exchange Club, as well as from the performers who will be providing the entertainment on Sunday night.

The day's events will begin with a barbecued beef lunch at the Moose Lodge, where there also will be country-western musical entertainment coordinated by Frankie Lemon. Donations for this are \$2 per person.

Standard flower show to be staged at Enlisted Mess

The "Bloomin' Spaces" Standard Flower Show will be held at the Enlisted Mess on the Naval Weapons Center on Saturday and Sunday, May 2-3.

This is the fourth annual flower show and will be held in conjunction with the Hi Desert Escapade. The flower show is jointly sponsored by the Desert Planters of Ridgecrest, Oasis Garden Club of Indian Wells Valley, Maturango Museum, and the High Desert Junior Women's Club.

The public is urged to compete by displaying horticulture specimens from their gardens and to enter artistic designs of their own creation. The deadline for entering artistic designs and container-grown plants is Monday, while horticulture specimens can be entered no later than Wednesday, April 29.

Entry blanks and the necessary exhibit bottles in appropriate sizes for horticulture entries will be provided by Barbara Firsick, the entries chairman, at Ridgecrest Library conference room between 11 a.m. and 5 p.m. next Monday and Wednesday.

SCHEDULES AVAILABLE

Rules for entering the flower show, commonly referred to as "schedules," may also be obtained at the Ridgecrest Library, the Indian Wells Valley Water District office, Ridgecrest Chamber of Commerce office, Mean's Nursery, Center Library, or the Maturango Museum of Indian Wells Valley. In Inyokern they can be obtained at the Country Feed Store, Our Shop, and at Joyce's Antiques.

Bases and accessories (rocks, driftwood, and figurines) are permitted in all artistic classes. Unless otherwise stated in the schedule, entries must be limited to 24 by 24 in. of table space. Entries should occupy two thirds of the space allowed. There is no limit to the height.

Improvised containers make the most interesting holders for flower arrangements. Wine bottles, casserole dishes, and many household utensils are also useful.

OTHER PARTS OF SHOW

There is one section for all dried plant material, another section where all fresh plant material must be dominant, and a section for fresh and/or dried plant material. Table arrangements set on a 30-in. square table constitute another section, and there will also be a section for miniature arrangements.

Organizations are invited to participate. They may submit a self-titled arrangement that interprets the organization's objectives and occupies a space of 24 by 36 in.

There also is a special "Growin' Up" division for youth of the community. Competition is between juniors — up to 6th grade, intermediates — 7th to 9th grade, and high school exhibitors.

The Maturango Museum will also have a display of native wildflower specimens. In addition, there will be educational exhibits on display and a plant sale. Representatives of the Desert Tortoise Preserve will offer novelty items for sale to aid the preserve's land-acquisition program.

Talent/fashion show slated by VX-5 on Armed Forces Day

An evening of special entertainment is being planned at the Enlisted Mess on Saturday, May 9 (Armed Forces Day), honoring Capt. Paul F. Hollandsworth, the new Commanding Officer of Air Test and Evaluation Squadron Five (VX-5), and his wife, Shirley.

This "welcome aboard" event, which is being coordinated by YNSN Renee Gainey, will be a combination talent show and fashion show.

Proceeds from the admission price of \$2 per person will go into the VX-5 Command picnic fund. Tickets can be ordered by calling YNSN Gainey at NWC ext. 5216, or contacting any of the participants in the show.

MOVIES

Regular starting time—7 p.m.

FRIDAY, SUNDAY **APRIL 24, 26**
"XANADU"
 Starring
 Olivia Newton-John and Gene Kelly
 (Musical-fantasy, rated PG, 96 min.)

SATURDAY **APRIL 25**
"THE LEGACY"
 Starring
 Katherine Ross and Sam Elliott
 (Horror-drama, rated R, 100 min.)

MONDAY **APRIL 27**
"FLASH GORDON"
 Starring
 Sam Jones and Melody Anderson
 (Action-drama, rated PG, 112 min.)

WEDNESDAY **APRIL 29**
"STIR CRAZY"
 Starring
 Gene Wilder and Richard Pryor
 (Comedy, rated R, 111 min.)

THE CLUB BEAT

Commissioned Officers' Mess

Coming up next week at the Commissioned Officers' Mess are two special evenings of dining out.

Tuesday, April 28, will be Polynesian Night, featuring coconut chicken or Maui spareribs, served with Oahu fried rice and Kona vegetables.

To end this month of dining at the COM, a two-for-one special of New York pepper steak will be offered on Thursday, April 30.

Dinner on both nights is scheduled from 6 to 9 p.m.

Chief Petty Officers' Club
 Dinner offering a choice of prime ribs of beef or Icelandic cod will start off the festivities tonight from 6 to 9 at the Chief Petty Officers' Club.

For the listening and dancing pleasure of CPO members and guests, The Sunlight, a local 5-piece group led by Tony Scanlin, will perform from 8:30 p.m. to 12:30 a.m.

Center theater patrons must have valid identification

Patrons of the Center theater are reminded that proper identification in the form of a military ID card or a pass issued to a Department of Defense civilian employee, is required for admission to the theater.

Guests of NWC military or civilian personnel also may attend movie showings at the Center theater if accompanied by a sponsor who has one of the aforementioned types of passes.

The policy at the Center theater regarding attendance at R rated movies is that anyone 17 years of age or over who otherwise is entitled to theater privileges may attend. Youngsters under 17 years of age must be accompanied by a sponsor who is at least 21 years of age.

U.S. Government Printing Office:
 1981—No. 22

From: _____

To: _____

PLACE
STAMP
HERE

Earthquakes shake valley on Easter morning

A swarm of four earthquakes early on Easter Sunday morning jarred residents of the Indian Wells Valley area.

The tremors, which occurred along the Little Lake fault, were felt by some (by no means all) residents in the area from Pearsonville on Highway 395 on the north to the College Heights area south of the City of Ridgecrest.

According to Glenn Roquemore, a geologist in the Earth and Planetary Sciences Division of the NWC Research Department, two foreshocks that registered a magnitude of 3.8 and 3.6 on the Richter scale occurred at 12:45 and 12:55 a.m.

The third and largest shock (4.4 magnitude) was registered at 1:02 a.m., and there was an aftershock of 4.1 magnitude at 1:17 a.m.

Roquemore's field examination of the area that was the epicenter for the earthquakes disclosed some cracking in the ground on Airport Lake, and he also found a crack that thinned out to a hairline crack at the surface of an exploratory trench dug a year ago at Airport Lake in the NWC range area.

The Easter Sunday earthquakes were along the same fault line and of nearly the same intensity as tremors that occurred along the Little Lake fault 20 years ago in 1961.

Residents of the local area called geologists at the Earth and Planetary Sciences Division office to report such things as a crack in the ceiling of a shower stall, and being awakened by the sound of a crystal chandelier swinging back and forth.

One resident of a two-story dwelling in the Deeter tract in Ridgecrest reported that he felt the "quakes quite strongly at his home, and a roof-mounted air cooler tumbled to the ground at a residence located near the K-Mart in Ridgecrest.

Scientists are inclined to attribute the later incident more to faulty securing of the air cooler to the roof than to the intensity of the tremors produced by Sunday's swarm of earthquakes.

AMS3 French chosen as Bluejacket of Month

Aviation Structural Mechanic Third Class James A. French was singled out as the Naval Weapons Center Bluejacket of the Month for March.

AMS3 French is currently assigned to the Integrated Weapons Team (IWT) work center of the Aircraft Department where he performs organizational level maintenance on highly sophisticated weapons systems of the A-4, A-6, and A-7 aircraft.

In a letter nominating him for this honor, Lt. J. W. Kelley stated, "Petty Officer French demonstrates outstanding professionalism and motivation in his approach to the work center's maintenance effort. Combining his diligent work attitude with his eagerness to learn as much as

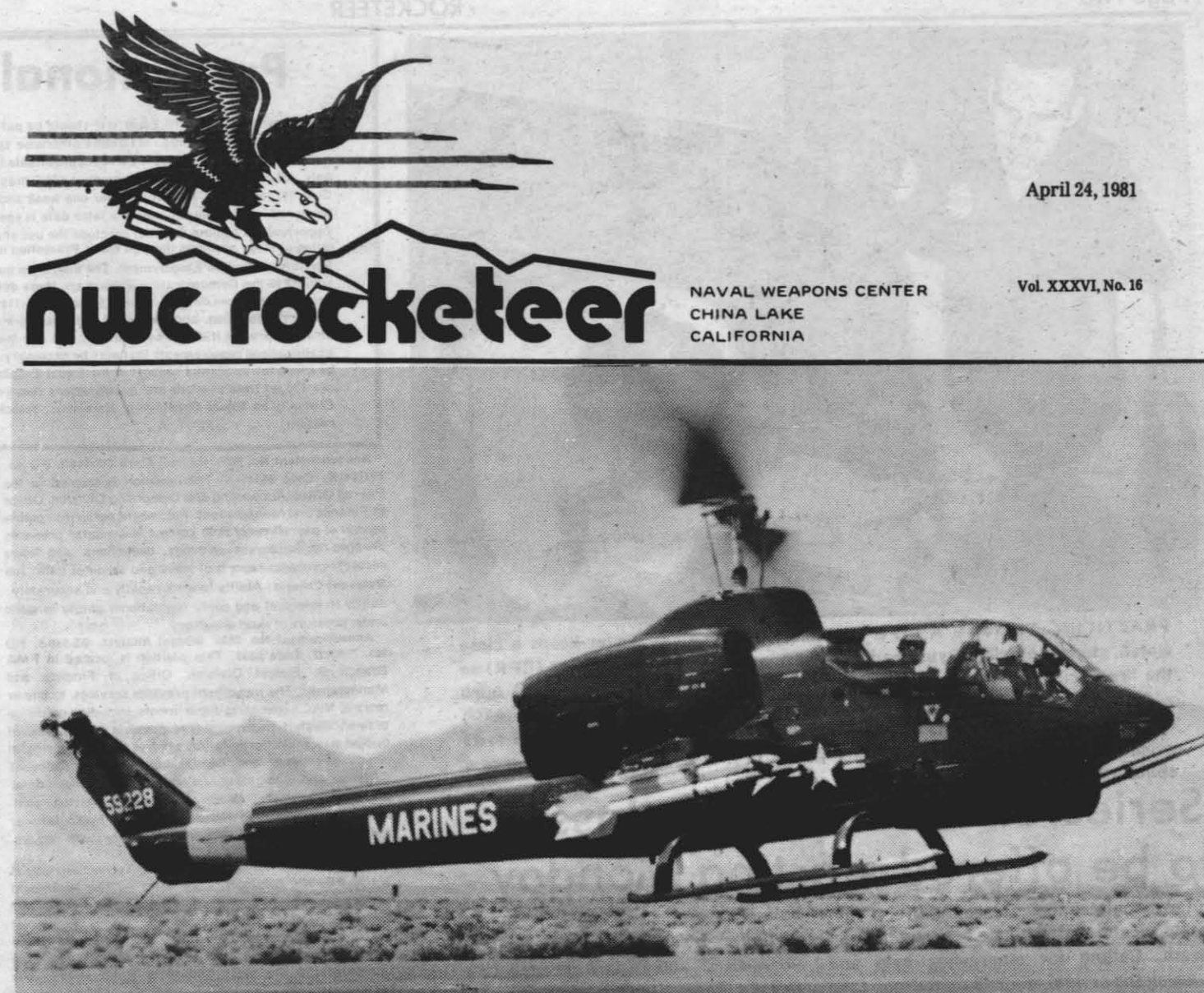
Traffic signs to be changed Mon. at 3 intersections

Motor vehicle operators and bicycle riders on the Naval Weapons Center are urged to be especially alert for changes in traffic signs at three intersections that will go into effect on Monday.

"Yield" signs will be replaced by "STOP" signs at the following locations:

On Hussey Road at the intersection of Nimitz Avenue.
 On Hussey Road at the intersection of Lauritsen Road.
 On Knox Road at the intersection of Lauritsen Road.

Vehicle operators are urged to be especially cautious at these three intersections — especially during the time that it takes drivers to get accustomed to the changes.



A NEW LOOK FOR SIDEWINDER — Setting down shortly after the first time a fixed-wing missile has been fired from a rotary-wing aircraft. Future tests are expected to take a place involving a different series of helicopters.

Firing tests being made to determine suitability of Sidewinders on helicopters

By Deanna Ripley-Lotfee

Taking a weapon system that has been developed for a number of years and trying something new with it, something no one has ever done before, ever considered before, can be challenging and exciting. After all the work has been done and the

trial runs have been successfully made, there can be no greater reward than knowing that the idea was a good one.

The weapon system in this case is the Sidewinder missile and a series of tests are now underway launching it from a helicopter against both fixed-wing and

rotary-wing aircraft, thus giving helicopters air-to-air capabilities in addition to their existing air-to-ground weaponry.

The idea for this project originated in Air Test and Evaluation Squadron Five (VX-5) in December of 1979 and since then two firing tests from an AH-1 helicopter have been successfully completed. The first firing was against a QF-86 drone in June 1980, while the second firing, which took place on April 2, 1981, was against a BQM-34 drone.

According to Major Dick Peasley of the U.S. Marine Corps, who is VX-5's coordinator in this effort, "The first firings were to prove the concept. Now we're in the business of trying to define, develop, and prove the capability (plus) verify the integration effort."

COOPERATIVE EFFORT

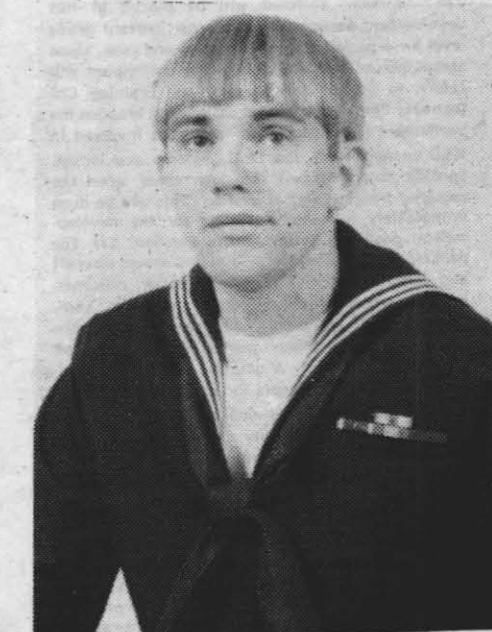
NWC is working alongside VX-5 in this effort and is providing the computer simulations, range support and program support, while VX-5 provides the helicopters and the program requirements.

"The plan is now an official CNO program based on support from NWC and VX-5 working together, which I think is unique in itself," stated Major Peasley. "VX-5, traditionally being an operational testing activity, is working with NWC, which has always been the developers. VX-5 usually does not get involved in NWC projects until the item itself is ready for operational testing."

When deciding to use the Sidewinder missile as opposed to other missiles for these tests, Major Peasley stated that NWC has developed this missile for a number of years. "It's a logical choice for NWC to integrate it on helicopters," he said.

There were a number of variables to be determined during these tests involving the Sidewinder missile. "The helicopter has maneuverability, airspeed restrictions, and an environment that Sidewinder is not used to," Major Peasley continued. "Our testing is to determine whether or not a typical fixed-wing Sidewinder application can be adapted to a helicopter without changing the missile."

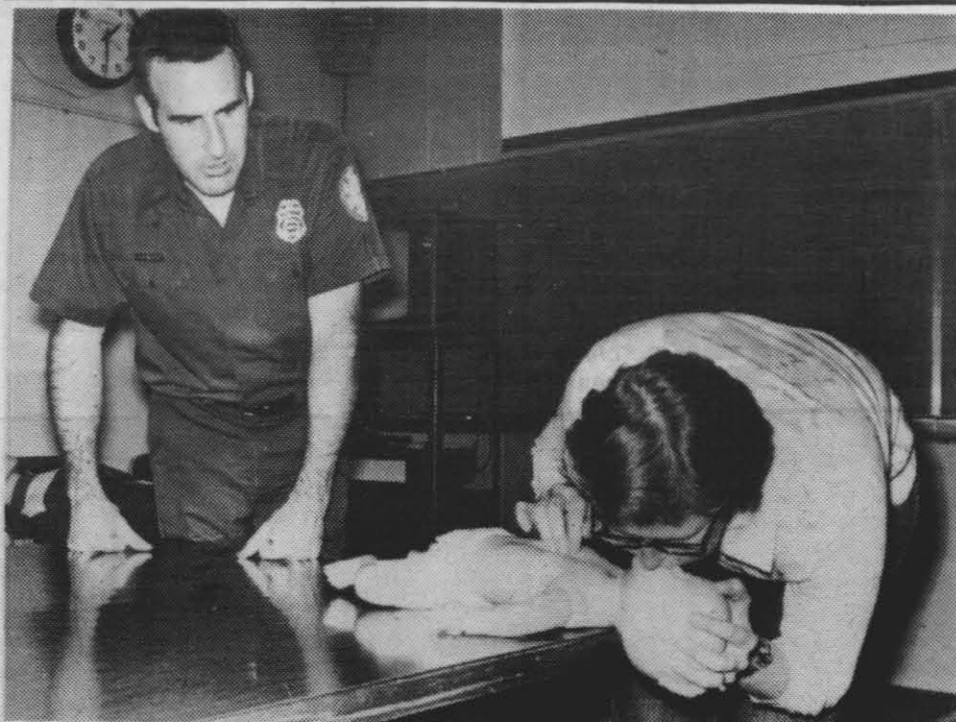
(Continued on Page 4)



AMS3 James A. French

thiasm and professionalism in the execution of his duties are extremely noteworthy and in keeping with the highest standards of the Naval Service."

AMS3 French joined the Navy in October 1974 in his home town of Moscow, Idaho, where his parents, Mr. and Mrs. K. J.



PRACTICING TO SAVE A LIFE — While Fireman Dave Jester keeps a close watch, student Marilyn Byus practices cardiopulmonary resuscitation (CPR) on the "resuscitator." Jester will be teaching more CPR classes throughout April with the next one scheduled on April 27 and April 28 from 12:30 to 4:30 p.m. each day in Conference Room D of Michelson Laboratory. Classes are limited to 15 people and enrollment will take place at the first class meeting. To reserve a space, call NWC ext. 3292.

Series of CPR training classes to be offered starting Monday

Cardiopulmonary Resuscitation (CPR) could mean the difference between life and death. Calling for emergency help and waiting the arrival of an ambulance may take a minute longer than time or life will allow.

If an individual knows what to do and has had CPR training, he or she could have an emergency situation under control by the time help has arrived.

Dave Jester, EMT, NWC Fire Division, has been teaching a number of CPR classes here at NWC and plans to teach several more.

The first two classes have already taken place this past week and two more are scheduled for next week starting on Monday, April 27. These classes will run for two

half-day sessions starting at 12:30 p.m. and ending at 4:30 p.m. Class No. 3 will be held on April 27 and 28 in Lauritsen Lab Conference Room 1 while class No. 4 will be on April 29 and 30 in Michelson Lab Conference Room D.

A four-hour recertification class for those having previous CPR training will be held on Thursday, April 30, from 8 to 11:30 a.m. in Michelson Lab Conference Room D.

Each class is limited to 15 persons and space reservations can be made by calling NWC ext. 3292. Actual enrollment will take place at the first class meeting.

College credit of .5 units will be given to those persons successfully completing this course.

Due to federal hiring freeze, PACE test postponed by OPM

The U.S. Office of Personnel Management (OPM) has deferred nationwide administration of the Professional and Administrative Career Examination (PACE) until the fall. The test was scheduled to be given to applicants between now and May 2.

Arch S. Ramsay, Acting Director of OPM, said: "In view of the current freeze on Federal hiring, we have decided to hold off on giving the exam until there is a clearer picture as to the employment needs of departments and agencies." Ramsay also said that OPM had stopped its weekly publication of career Senior Executive Service vacancies until further notice.

While suspending the test nationally, OPM has authorized its regional offices to conduct it if there is a shortage of qualified candidates at this time in their areas. PACE registers of candidates have over 40,000

names at present.

In Fiscal Year 1980, 102,304 people took PACE but only 4,674 were hired. PACE covers approximately 100 occupations at GS-5 and GS-7 entry levels. The vast majority of those taking the test are college students.

All applicants who filed during the open period (Jan. 19 through Feb. 13) to take the exam are being notified of the delay in testing or of individual regional plans.



The Rocketeer

Official Weekly Publication

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Tuesday, 4:30 p.m.
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Phones 3354, 3355

Promotional opportunities

Applications (Standard Form 171) should be put in the drop box located at the Reception Desk of the Personnel Department, Bldg. 34. Unless otherwise specified in an ad, applications for positions listed in this column will be accepted from current appointable (i.e., career/career conditional and VRA) NWC employees only. All others desiring employment at NWC may contact the Employment/Wage & Classification Division, Code 092, Ext. 2089. Ads will run for one week and will close at 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ad. Advertising positions in the Promotional Opportunities column does not preclude the use of alternate recruiting sources in filling these positions. The filling of these positions through Merit Promotion is subject to the requirements of the DoD Program for the Stability of Civilian Employment. The minimum qualification requirements for all GS positions and positions subject to the Demonstration Project are those defined in OPM Handbook X-118; those for all wage system positions are those defined in OPM Handbook X-118C. Applicants will be evaluated on the basis of experience, training, education, and awards as indicated in a written record consisting of a SF-171, at least one supervisory appraisal if it can be obtained, and any tests, medical examinations, interviews, and supplemental qualifications requirements that may be necessary. For managerial/supervisory positions, consideration will be given to applicant's support of the Equal Employment Opportunity programs and objectives. Applicants must meet minimum grade/qualifications requirements by the closing date of the ad. The Naval Weapons Center is an Equal Opportunity Employer; selections are made without discrimination for any nonmerit reason.

Announcement No. 0835, Payroll Clerk GS-544-3, PD No. 6917042N, Code 0841 — This position is located in the Payroll Office, Accounting and Disbursing Division, Office of Finance and Management. Incumbent performs routine search of payroll records to correct leave data; prepares changes to employees earnings, deductions, and leave records; prepares reports of leave and earnings data. **Job Relevant Criteria:** Ability to work rapidly and accurately; ability to interpret and apply regulations; ability to work under pressure of short deadlines.

Announcement No. 0834, Budget Analyst, GS-540-5, PD No. 778007, Code 0837 — This position is located in the Branch B, Budget Division, Office of Finance and Management. The incumbent provides services, to one or more of NWC's operating departments, including guidance of financial staff. Incumbent is responsible for all phases of budget execution, formulation, control and monitoring of overhead, and capital budgets. **Job Relevant Criteria:** Ability to gather and analyze raw financial data; ability to prepare clear and concise written communications; ability to make effective oral presentations; ability to deal tactfully and effectively with others. Promotion potential to GS-11.

Announcement No. 0837, Accounting Technician, GS-525 34/2, PD No. 690802N, Code 0842 — The incumbent performs a variety of duties in connection with the functions of the Center travel control unit and maintains cost accounting records and subsidiary ledgers for all Naval Weapons Center travel and related transportation costs chargeable to the Navy Industrial Fund (NIF). The records provide accounting information which is summarized and entered into the NIF general ledger and NWC weekly cost reports, thus providing a true measure of the knowledgeable in all facets of the Document Entry System (DES). **Job Relevant Criteria:** Knowledge of Document Entry System; knowledge of NWC accounting systems; ability to deal effectively with people; ability to work accurately with figures.

Announcement No. 0838, Voucher Examiner, GS-540-4/5, PD No. 790855AN, Code 0862 — This is a trainee position

located in the Voucher Examiner unit, Commercial Order Section, Cost Accounting Branch, Accounting and Disbursing Division, Office of Finance and Management. The functions of this unit are to establish, maintain, and complete open-order files of documents covering expected receipts from contractors and commercial vendors; furnish information relative to unmatched public vouchers; certify and forward contractors' invoices for payment; follow-up on overdue inspection reports and dealers' invoices; match dealers' invoices with accomplished inspection reports, assemble and forward them to the paying activity. **Job Relevant Criteria:** Knowledge of voucher examining methods and regulations; ability to interpret verbal and written instructions; ability to get along with other people.

Announcement 0839, Accounting Technician, GS-525-3/4, PD No. 790802N, Code 0862 — This incumbent is a specialist in the controlling and maintenance of cost accounting records and subsidiary ledgers for reimbursable contracts, including Military Interdepartmental Purchase Request (MIPR), Project Orders, Work Requests, Requests for Contractual Procurement (RCP), writers of authorization, Civil Service tuition and government printing. **Job Relevant Criteria:** Ability to work with figures; ability to perform routine clerical duties; ability to maintain a high level of accuracy in work requiring close attention to detail.

Announcement No. B-06-1, Interdisciplinary Position: Mechanical Engineer (DP-850-3), Electronics Engineer (DP-855-3), Aerospace Engineer (DP-861-3), PAC No. 816555, Code 0631 — This position is located in the Air Projects Office of the Test and Evaluation Directorate. The incumbent serves as test engineer having responsibility for identifying and establishing test and evaluation (T&E) programs for assigned developmental weapons systems. After planning the test program the incumbent monitors and analyzes the weapon system's development in order to assure that the T&E plan will result in a true measure of the effectiveness and suitability of the system. The position serves as test conductor on the more complex tests. Analysis, evaluation and reporting of test results is also required. **Job Relevant Criteria:** Ability to analyze and thoroughly understand the requirements of complex technical programs; knowledge of instrumentation techniques; knowledge of data analysis and assessment techniques; ability to motivate and persuade others to follow a course of action; ability to communicate well both orally and in writing.

Announcement No. 25-044, Procurement Clerk (Typing), GS-1106-4, PD No. 7725017, Code 2525 — This position is located in the Contract Negotiation Branch, Contracts Division, Supply Department. Incumbent prepares contracts, requests for proposals, bid invitations and various other documents, insuring that clause content is accurate. Updates the Negotiators' ASRP Reference Manual and develops a weekly report showing procurement action status. Receives bids, updates bidders' list, interfaces with Cost Accounting concerning expiring funds. Maintains

(Continued on Page 7)



DIVINE SERVICES

PROTESTANT
1000
Sunday Worship Service 0830
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
1130
Wednesday Noon Bible Study 0630
Thursday Men's Prayer Breakfast
ROMAN CATHOLIC
MASS
0830-1130
Sunday
Nursery, Chapel Annex 1 0815-1245
Daily except Saturday, 1135 Blessed Sacrament
Chapel

CONFESSIONS
1115 to 1130
Daily 0800 to 0825
Sunday 1100 to 1125

RELIGIOUS EDUCATION CLASSES
1000
Above classes are held in the Chapel Annexes across from the former Center Restaurant.
Sunday afternoon 12th grade 1630
As announced "Home" Discussion Groups and Youth Rallies

Contact Chaplain's Office for specifics.

JEWISH SERVICES
EAST WING — ALL FAITH CHAPEL
Sabbath Services every Friday

UNITARIANS
CHAPEL ANNEX 95
Sunday Services (Sept., May) 1930



LOTS OF HUSTLE — Brian Collie (in dark-colored shorts) sprints for the ball in this game between the Whitecaps and Hurricane — being challenged by Erin Rivers of the Hurricanes. Collie led the Whitecaps to a 4-0 win over the Hurricanes by scoring two goals. Also keeping an eye on the ball is Bonny Porter (in background), another player for the Hurricanes. —Photo by Don Cornelius

Wind hampers soccer play . . .

(Continued from Page 6)

In the 1-1 tie between the Drillers and Atoms, Curtis Brune tallied for the Drillers on an assist from John Duncan, while Bob Hudson: evened things up by scoring once for the Atoms.

Division 5 action was topped by a high-scoring game that was won 7-4 by the Kicks over the Rogues. Scores of other games in this division were Surf 2, Roughnecks 0; Sounders 5, Tornado 1; Whitecaps 4, Hurricane 0; and Diplomats 1, Sting 0.

The Kicks were paced on offense by the 4-goal effort of Bill Ledden, but it also took 2 tallies by Jeff Dufendach and 1 by David Lowham to give the victors their 3-goal margin of victory. In a game in which the offense easily overshadowed the defensive play by both teams, Danny Flores scored twice and Scott Hamilton and Jason Cherry picked up 1 goal each in a losing effort for the Rogues.

Two goals in the first quarter — one each by Evan Serpanos and Brian Hayes — was all that the Surf needed to defeat the Roughnecks 2-0 in a game during which ball control was made difficult by the strong winds that were blowing.

A 4-goal barrage in the final period of play turned a 1-1 ballgame into a 5-1 victory for the Sounders over the Tornadoes. Keith Thomas scored the only goal for the Tornadoes, helped out on the play by Eric Frisbee. This goal was matched by Tim Wee

of the Sounders, who had an assist on the scoring play from his brother Eric. Improved teamwork late in the game by the Sounders paid off in another goal by Tim Wee, as well as one each by Jason Cherry, Jon Bainbridge and Jon Peterson to clinch the victory for the Sounders.

An understrength Hurricanes team couldn't hold its own in the scoring department against the Whitecaps, who emerged with a 4-0 victory after a game that was played in both wind and rain. Brian Collie got the Whitecaps rolling with a goal, assisted by Andy Corzine, and put the cap on his team's efforts on offense by scoring the game's final goal later in the game.

In between these two tallies by Collie, Mike Rinehart and Donald Sutherland also got into the scoring act for the Whitecaps. Rinehart's goal was scored on a long shot, while Kerri Corzine was credited with an assist on the score by Sutherland.

Rounding out action in Division 5, the Diplomats edged the Sting 1-0 on a goal tallied by Shaw Carter, with an assist from James Bumgardner. This was an evenly played game in which the Diplomats had a slightly stronger effort at midfield.

The Division 7 game between the Gunners and Wolves was canceled.

(Continued from Page 2)

Cerro Coso College bicycle hill climb scheduled tomorrow

Cerro Coso Community College's fourth Bicycle Hill Climb race will get underway tomorrow beginning at 9 a.m. The race, which is hosted by the college Intramural Sports Program, will start from the intersection of Bowman Road and College Heights Blvd. and will proceed up the hill to the college.

The current speed records for this event are held by Dave Maddox and Brenda Petkus, who climbed the hill in 8 min., 46 sec., and 12:27, respectively.

Place winners through fifth will receive ribbons and the winners in each division will receive a specially designed intramural T-shirt. Additional awards will be donated by T. J. Frisbee Bicycles.

Sign-ups for the race will begin at 8:30 a.m. and entry fee is 75 cents.

This race is a group start so helmets are recommended. All racing participants will be timed.

For additional information contact the Intramural Sports Coordinator at Cerro Coso College by calling 375-5001, ext. 75.

Report given on trout season opener in Sequoia Nat'l Forest

Fishermen visiting the Sequoia National Forest for the opening of the general trout season tomorrow will find major roadways and some campgrounds open.

Streams are rising as the snow is beginning to melt in the high country. The snowline is from the 7,000 to 9,000 elevation, limiting most of the fishing to the lower elevations.

Highway 180, Generals Highway on weekends until May 20), Highway 190 Western Divide, Parker Pass Road, Lloyd Meadow Road, Highway 155, and Highway 178 are open providing access to the Sequoia National Forest. There are no roads open to the Kern Plateau at this time.

Camping space in Sequoia National Forest campgrounds is available on a first-come, first-served basis. Campgrounds open are: Camp 4 and Camp 4½ along the Kings River, Coffee Camp and 9 units of Wishon along the Tule River, Leavis Flat and White River near California Hot Springs, and along the Kern River-Headquarters, Camp 3, Hospital Flat, Fairview and Hobo.

At the higher elevations Kennedy Meadows, Belknap, Holey Meadow, and Lower Peppermint Campgrounds are also open.

Anglers are encouraged to study the 1981

Burros win . . .

(Continued from Page 6)

varsity nine, which dropped a 2-0 decision to the visitors from Bishop in a non-league game played here last Friday.

Reid, the winning pitcher for the Broncos, gave up just 3 hits to the Burroughs High batters who couldn't muster enough offense to pose a scoring threat at any time during the game.

Gaunt, the losing hurler for Burroughs, was tagged for 6 hits, struck out 11, and walked 5.

In the second inning, a double by Denny, the Bishop catcher, earned him an RBI by driving in Lyrrus, the Broncos' third baseman, who had singled to left field to get on base.

That was all of the scoring until the Bishop half of the fifth inning, when Rockwell, shortstop for the visitors, was safe at first base on an error, stole second, and tallied on a hit by Kiner.

The Burros varsity baseball team will host the Canyon Cowboys this afternoon at home at the BHS ball field, and play at Quartz Hill on Tuesday in another pair of Golden League contests. The starting time for both games is 3:30 p.m.

Promotional opportunities

logs, instruction files and time cards for the branch. **Job Relevant Criteria:** Knowledge of contracting and procurement methods; ability to meet and deal effectively with others; ability to meet deadlines under pressure; ability to interpret instructions. Promotion potential to GS-5.

Announcement No. 24-086, Electrician (High Voltage) Helper, WG-2810-5, JD No. 127K, Code 2444 — (3 vacancies.) Positions are in the Utilities and Range Branch, Maintenance-Utilities Division, Public Works Department. The incumbents will assist journeymen in the installation, maintenance and repair of transmission and distribution lines and equipment and accessories connected with power transmission. This includes overhead and underground power lines, transformers, street lighting systems and switching gear. Note: Positions have promotion potential to WG-10 without further competition; however, promotion is not guaranteed. **Job Relevant Criteria:** Reliability and dependability; shop aptitude and interest; ability to follow directions in shop; dexterity and safety; ability to work as a member of a team. Supplemental qualifications statement is required and may be picked up from the reception desk in the Personnel Bldg.

Announcement No. 64012, Interdisciplinary Level 4 Position: Supervisory Aerospace Engineer (DP-841), Supervisory Mechanical Engineer (DP-830), Supervisory Civil Engineer (DP-810), Supervisory General Engineer (DP-801), PAC No. 804594E, Code 6401 — This position serves as the associate department head, Parachute Systems Department. The Parachute Systems Department provides research, development, testing, evaluation and product support of aerodynamic decelerator systems including personnel and non-personnel recovery systems and ejection seats. The department supports the Center mission with regard to being the DoD lead range/facility for parachute test and evaluation. The incumbent is responsible for overall planning, consulting, and advising on the technical programs of the department. The incumbent has responsibility for determining which capabilities the department should phase out or retain and what capabilities need to be established. This position assumes much of the daily management of the department and assesses the relevance of tasks assigned from outside sources. The incumbent has a role in establishing and integrating resource allocation priorities for the department. Responsible for support of the EEO program. **Job Relevant Criteria:** Ability to technically and administratively supervise an organization; ability to perform liaison and coordination with Center, other Navy, other DoD and contractor personnel; ability to com-

municate well both orally and in writing; knowledge of DoD program management and system acquisition processes; demonstrated support of the EEO program. NOTE: Applicants must have 1 year GS-13 level experience.

Announcement No. AD811, Clerk-Typist, AS-0322-4, \$4.20 per hour plus benefits, Permanent, full-time, Recreational Services Administrative Office — This is not a Civil Service position. Duties: Answer questions on programs, activities, fee charges in person and by phone; collect money and file reports; maintain records and files; type correspondence, memos, forms and reports; type and distribute schedules; work schedules; publicity releases; submit billing information; maintain current info on bulletin boards; sort and distribute mail; other related duties. Qualifications: Must have experience as a combination receptionist and secretary, and be able to do filing, basic accounting and bookkeeping, and type at least 30 words a minute; must be able to utilize diplomacy and discretion in dealing with the public in person and on the phone; must be able to work under pressure and without supervision on occasion. Typing test or certificate required.

Announcement No. C0820, Operations Clerk, AS-0301-5, \$4.53 per hour plus benefits, Permanent, full-time, Commissioned Officers Mess (Open) — This is not a Civil Service position. Duties: Types personnel action requests, memos, correspondence, reports, etc.; receives and records payments of dues, initiates and completes contract forms; works as hostess in dining area when needed; assists in coordinating schedules, meetings, appointments, inventories, monthly calendar; tends bar when needed; responsible for cash in register and DARS; maintains regulations and directives; other duties as assigned. Qualifications: Must be accurate typist; be able to operate adding machine, duplicating machine; be tactful, courteous and present self well in appearance and speech; must understand military and civilian protocol; be able to maintain, use, and understand directives, MILPERs manuals and other regulations and references used in club operation. This is a one person office — must be able to work under pressure.

Apply with Betty Chealam, Bldg., 21, Ph. 3387.

Training classes

To enroll in the following classes students should submit NWC Training Request and Authorization Form 12410 73, via department channels, to reach code 092 before the deadline listed. If handicapped, indicate need for first floor room location on training request.

1500AJ-Conflict Management; (14 hrs.) April 30 to May 1, 8 a.m. to 4 p.m.; Instructor: Lawrence Solomon, Ph.D.

Technical Topics for Research and Development; June 22-26, 8 a.m. to 4 p.m.; Instructor: Professor G. Lindsay, Naval Post Graduate School. Deadline, June 12.

Operating Systems; May 18-22, 8 a.m. to 4 p.m.; Taught by Mini and Micro Educational Services. Deadline May 1.

Assembly Language; May 11-15, 8 a.m. to 4 p.m.; Taught by Mini and Micro Educational Services. Deadline April 24.



Recreation Roundup

Commander's Cup track, field meet scheduled today

Commander's Cup track and field competition is scheduled this afternoon from 1 to 4 p.m. at Kelly Field on the Murray Junior High School campus.

Air Test and Evaluation Squadron Five (VX-5), the current leader in the Commander's Cup standings with 25 points, expects to have a strong group of athletes ready to go.

In the running events, VX-5 will be represented by Dr. Jim Thomas, who is on assignment to VX-5 from the Pentagon; Dick Peasley, Don Burks, and Dave Burlin. In addition, Gary Pritchard will compete for the Vampires in the 1 mile and 10 kilometer runs.

Events for men only include the 100 yd. dash, mile run, softball and football throws for distance and football punt for distance.

Karen Hutchinson, of VX-5, will be a strong contender in the 100 yd. dash for women, and Fe Blackburn will enter the women's softball throw. Women athletes also will be vying in the quarter mile run, and there are two co-ed events — a 600 yd. shuttle race between teams composed of five men and one woman, and a 10 km. run.

Chris Long, who is organizing the NWC Blue team for today's track and field competition, will be entered in the mile run and the football and softball throwing events.

A partial list of NWC Blue entries in running events includes Dennis Eberhart and Francis Sweeney, 10 km run; Rob Ross and Cullen Waterton, 100 yd. dash; and James French in the mile run.

In the field events, athletes from NWC Blue will be Randy Sunday, in the softball and football throws and the football punt competition; French in football and softball throws, and Samuel Soper in the softball throw.

ADULT SOCCER LEAGUE

Registration is continuing to be taken at the Recreation Services Office from those interested in playing on teams in an Adult Soccer League that is now being formed.

The deadline to sign up for this activity is next Friday, May 1, and the first league meeting has been scheduled that same day at 5 p.m. at Davidove Field, located at Knox Road and Renshaw Street.

This will be a combination instructional and recreation league. Experienced players will be evenly distributed among each of the teams that are formed so that they can teach soccer skills and tactics to other players.

All participants in the league must have a soccer activity card that costs \$8 each for Department of Defense civilians and \$10 for non-DoD adults or high school youths.

Additional information can be obtained by calling Dave Tavares, the league director, after working hours at 375-3168.

TEST OF MARKSMANSHIP

The Pacific Fleet Rifle and Pistol Championships have been scheduled at the Naval Air Station, Miramar, during the period from June 6 through 14.

Teams to represent the Naval Weapons Center and VX-5 are being formed.

Military personnel who are skilled in rifle and pistol marksmanship are asked to make this interest known by calling Lt. Denny Wilcox on NWC ext. 5538, or Cdr. Hal Phoeny on NWC ext. 2421.

Lt. Wilcox is in charge of forming a rifle team, while Cdr. Phoeny is rounding up a group of pistol marksmen.

Burros defeat league-leading Saugus team 6-5

Victory No. 2 in 1981 Golden League competition, and a sweet one it was, was registered Tuesday afternoon by the Burroughs High School varsity baseball team which edged the Saugus Centurions 6-5 in a game played at Saugus.

The Centurions, who are leading the league and are the top rated team in the Class 2A Southern Section CIF standings, were coasting along with a comfortable 4-0 lead after five innings of play when the tide began to turn in favor of the Burros.

Jody Gaunt, who came on to pitch in the fifth inning in relief of Dave Vigneault, who

started on the mound for Burroughs, was instrumental in helping to turn things around for the Burros.

Gaunt hit a home run in the sixth inning with a teammate (Jimmy Jackson) on base to account for the local team's first two runs. Jackson had drawn a walk to get on base.

The big break for the Burros came during their next and last turn at bat in the top of the seventh. Tim Allen and Dave Hatzebuehler drew walks setting the stage for a punt that was laid down by Dave Wooten.

Barrick, the Saugus pitcher, charged in to

grab the ball and then proceeded to throw it wildly over the head of the first baseman and out into the corner of right field. This allowed not only Allen and Hatzebuehler to score, but the speedy Wooten also sprinted around the base paths for run No. 3 on the throwing error.

With a lead of 5-4, the Burros tallied one more time in the seventh on a single by Jackson, who scored what turned out to be the game-winning run on a double off the bat of Dale Killilea, catcher for the Burros.

Facing a 2-run deficit in the bottom of the seventh, the Centurions were able to tally once, but couldn't pull the game out of the fire.

During their turn at bat in the final inning of play, Saugus started off strong by getting Alesia and Higgins on base via a walk and a pitched ball that struck the batter.

Gaunt then settled down and struck out the next batter before Louie Alain fled out to left field. The Centurions tried a double steal with Higgins going for second base and Alesia to third. Killilea's toss to third base was off the mark, however, and Alesia rounded third and scored a run that made the final tally 6-5 in favor of Burroughs. Eaton, the last batter for Saugus, was struck out by Gaunt.

The Centurions opened the game in fine fashion with a double by Johnston, who then scored on a hit by Alesia. The latter stole second base and tallied on a single by Higgins that gave Saugus a 2-run lead.

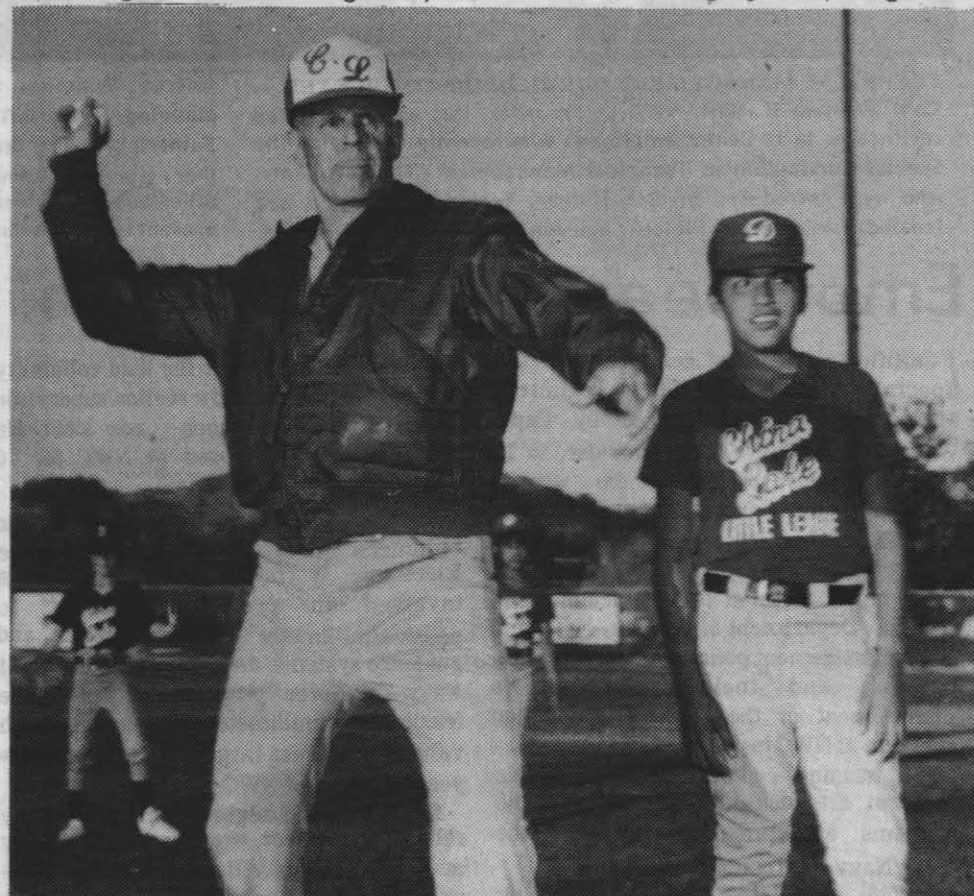
Johnston was the instigator of another run-producing series of events in the Saugus half of the third inning as he singled, stole second, went to third on an error, and then tallied on a ground ball by Higgins, who was thrown out at first base.

Johnston also figured in run No. 4 for Saugus when he came to bat in the bottom of the fourth with a runner (Teixeira) on second base and drove him in with a single to the outfield.

In posting their 6-5 win over the Saugus team, the Burros outthit the league-leaders by a total of 9 to 8. Each team had three errors.

This victory more than made up for a lackadaisical performance by the Burros

(Continued on Page 7)



LITTLE LEAGUE SEASON OPENS — Capt. William B. Haff, NWC Commander, winds up to pitch the first ball signalling the start of the 1981 China Lake Little League baseball season, while Ernie Rodriguez, pitcher for the Dodgers, waits to go into action on the mound. Major Division play began Monday night with a game that was won by the Yankees over the Dodgers by a score of 9-2. Other Major Division teams are the Tigers and Wildcats, who, along with the Dodgers and Yankees, have games scheduled Monday, Tuesday, Thursday and Friday evenings from now through June 19. Competition in the 5-team Minor Division will begin on Monday night. The 18-team China Lake Little League also includes Farm and T-ball Divisions.

—Photo by Don Cornelius

Gusty winds fail to halt youth soccer contests

Despite a strong wind that made playing conditions difficult and contributed (in some instances) to lopsided scores, 18 of the 20 games scheduled for the fourth weekend of the spring season of Youth Soccer League were played last Saturday. In addition, absenteeism attributed to the Easter week vacation forced some teams to field squads that lacked the regulation number of players.

In Division One competition, the Eagles clawed the Cougars 7-0; the Owls shut out the Roadrunners, 3-0 and the Hawks outscored the Coyotes by a final tally of 2-0. One game, that between the Panthers and the Cobras, was canceled.

Playing shorthanded, the Cougars were no match for the Eagles, who had a field day in the scoring department. Two goals each by Ted Mechtenberg and Dareck Pollock led the Eagles' scoring parade, which was augmented by single tallies by Mike Matson, Ryan Christensen and Greg Mills.

In another one-sided tilt, Dirk Hartman, Zack Bird and David Bartels scored one goal each for the Owls in their team's 3-0 win over the Roadrunners.

The wind played havoc in the Hawks vs. Coyotes contest that was won for the Hawks on second half goals tallied by Brad Bays and Danny Moldenhauer. Credit for assists on the scoring plays went to Chris Cox and Jared Christensen. Despite the wind, the Coyotes turned in a good game on defense to go along with their shutout victory.

The Apollos' 4-0 defeat of Fury, coupled with a pair of 1-0 victories by the Chiefs and Rowdies at the expense of the Express and Sunshine, respectively, went into the Division 2 record books last Saturday.

As the score indicates, the Apollos dominated their game with Fury — getting three goals by Danny Mather and one more by Brian Mather, who was assisted on the scoring play by Blake Ashley.

Hard-pressed by the Express, the Chiefs ended a scoreless tie in the second half on a goal that was tallied by Mike Bowen, with an assist from Matt Hauser. On defense, the victims were led by Donnie Law.

Each team was short a single player to make for an even contest that was won 1-0 by the Rowdies over Sunshine. Derek Lindsay booted home the only goal scored in this game.

Three contests played between teams competing in Division 3 of the Youth Soccer League produced 16 goals that were divided between the various teams as follows: Aztecs 4, Sockers 1; Cosmos 5, Earthquakes 2; and Lancers 3, Blizzard 1.

The Aztecs, who outnumbered the Sockers 9 players to 7, made this work to their advantage in rolling up a convincing win over the Sockers. Three goals by Jacob Jones did the most damage on offense for the Aztecs, and Will Freeman also got in on the scoring with a lone tally for the victors. The Sockers' single goals was chalked up by Ernesto Tatunay, on an assist from Shane Dalpiaz. A good save by Ed Duniphine, goalie for the Aztecs, who blocked a direct free penalty kick, prevented a good chance for another goal by the Sockers.

Mark Frisbee, with 1 goal in the first half and 2 more in the second half, sparked the Cosmos to their 5-2 win over the Earthquakes. In between Frisbee's first goal of the contest, and his last (which was tallied on a penalty kick), Robbie Bouse and Kevin Collie also broke into the scoring column for

the Cosmos. A solo effort by Timmy Matson produced one goal for the Earthquakes, who also reduced their opponents' margin of victory on a goal scored by Zeth Laborde, assisted by Timmy Matson.

The fine art of scoring on chip shots just over the head of the opposing team's goalie worked three times for the Lancers in their 3-1 victory over the Blizzard. Mike Owens, Chris Mills and Jacob Albers toed the ball into the net, with assists from Scott Arts (twice) and by Albers (once). Jeremy Osborn scored once in a losing effort for the Blizzard team.

Division 4 action was the usual one full game, and a round of mini-contests between the three other teams in this division. When the dust had settled, the Timbers had rolled to a 6-1 win over the less-experienced Boomers, while the Drillers defeated the Strikers 3-1 and games between the Drillers and Atoms, and the Atoms and the Strikers both ended in 1-1 ties.

Even though outnumbered in playing strength by the Boomers, the Timbers romped to a 6-1 win over their opponents. Gregg Garcia was the game's top scorer for the Timbers, as he collected 3 goals and was credited with an assist on another scoring play. Matt Mechtenberg scored 2 goals and Jason Black hit 1 to round out the 6-goal total for the Timbers. Three saves by Bill Miller, goalie for the Timbers, earned him kudos for his play on defense.

The Drillers made the best of a short-game situation by getting 2 goals from John Duncan and 1 by Philip Serpanos in their 3-1 win over the Strikers. A corner kick by Jason Hall of the Strikers prevented a shutout.

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GETTIN' WITH IT — Strength but not necessarily weight makes for a winning combination in the people pass event — one of the special activities planned for the NWC Olympic? Afternoon on Saturday, May 9. The object of this game is for 10 players to line up and begin hoisting overhead and passing back along the line each team member — starting with the player at the head of the line. The winning team is the one that succeeds in moving all 10 players from the front to the back of the line in the shortest possible time.

—Photo by Don Cornelius

Teams of entrants needed for NWC Olympic? Afternoon events

There's going to be a grand old time in store for participants and spectators alike during the NWC Olympic? Afternoon, which will highlight the local observance of Armed Forces Day on Saturday, May 9.

The activities are all planned, preparations are being made to move bleachers into place so there will be seating for a sizable group of observers at this fun-

filled event, and the remaining ingredient that still needs emphasis in order to insure the success of the program is an ample number of contestants.

Mud volleyball continues to hold the highest level of interest among those who have requested team entry forms. In this special area of competition, spectators can look forward to a challenge match between players representing Public Works and the Supply Department.

More of such friendly rivalry is being encouraged by the promoters and planners of the NWC Olympic? Afternoon, who urge any and all groups with an interest in staking out their "bragging rights" in a particular area of competition to be sure to

obtain an entry form by calling the Center gym at NWC ext. 2334 or 2571.

The "field of battle" will be an area adjacent to the Little League baseball fields bounded on the north and south by the tennis courts and Halsey Avenue.

The ground will be suitably prepared by dampening it extensively in some cases in order to add interest to tug-of-war and earthball games, egg toss competition, people pass and a fun relay.

Dexterity will be the key to success in the latter event since entrants will be required to run backwards, crawl on all fours, hop on one leg, crab-walk backwards, sidestep, and sprint.

Earthball, played on a field 150 ft. in length, will be limited to four teams that may range in size from 12 to 25 players, but up to a dozen teams can engage in mud volleyball.

The tug-of-war is open to six teams, and a limit of 10 teams each has been set for the fun relay and people pass. As many as 30 two-member teams are invited to test their skill at tossing and catching raw eggs.

For those who may get a bit soiled or egg-splattered, there is a dunk tank that will be operated as a fund raiser by the Navy Relief Society. Candidates as dunk tank "targets" also are being sought from among the Center's upper echelons of civilian employees and military personnel.

South Richmond Rd. Recycling Center is off limits to 'cyclists

Motorcycle riders are requested NOT to ride in or around the Recycling Center area on South Richmond Road but to stay on the access route when they are going out the NWC south gate.

Complaints have been received that motorcycles are being ridden in and around the recycling area — creating a hazard for persons who are depositing recyclable material.

China Lake police have been asked to provide a closer surveillance of the area, and it is requested that parents or guardians discuss the problem with minors, who may be riding motorcycles in the area, in order to eliminate the possibility of an accident.

Those using the area off-road access route to get out the Richmond Road gate are reminded that the speed limit on access routes is 10 mph.

Demo Project questionnaire to be sent to sample of employees

The Civil Service Reform Act Demonstration Project, currently being carried out at the Naval Weapons Center and at the Naval Ocean Systems Center (NOSC) in San Diego with the intent of showing whether the effectiveness of federal laboratories can be improved by changes in Civil Service personnel practices, is continuing.

Assessment of the success of the Demonstration Project is the responsibility of internal evaluation groups at NWC and NOSC, and of an external evaluation group from the School of Public Administration at the University of Southern California.

Evaluation efforts are focussed on measuring relative changes over the remainder of the five year duration of the Demonstration Project and on relating these to the Demonstration Project.

In order to help isolate Demonstration Project effects, changes occurring here and at NOSC in San Diego will be compared with those at two control laboratories: the Naval Air Development Center, Warminster, Pa., and the Naval Surface Weapons Center, Dahlgren, Va., and White Oak, Md.

Assessment of improvements in overall effectiveness is not very easy for an organization as complex as a Navy R&D Laboratory. In the past several assessments of this type have met with very limited success at best.

AREAS OF CONCENTRATION

In the present study, much of the evaluation activity will concentrate on work unit performance as well as individual measures, so that chances for more accurate assessment are better. The Division has been selected as the primary work unit level at NWC for evaluation purposes.

A broad range of data is being collected as part of the evaluation process. Some examples are recruiting statistics, sponsor perceptions of individual projects, reasons given by employees who resign, time spent on various types of actions by the Personnel Department, and individual employee attitudes.

The process of collecting much of these data has already begun. The data collected during the summer of 1979 will provide a pre-experiment baseline with which to compare data collected during the remainder of, and after completion of the experiment.

The attitude survey questionnaire distributed to all GS employees last year was primarily for the purpose of providing a measure of employee opinions and attitudes relating to job satisfaction before the project began. Results obtained from the current, and from subsequent similar surveys during and after the Demonstration Project, will be compared with this

baseline.

Some employees have expressed concern about the personal information requested. It is needed to ensure that the returned questionnaires represent a cross-section of Center employees with respect to a number of characteristics and to aid in determining whether there are adverse impacts on women or minorities, as specified under EEO uniform guidelines.

This personal information will be strictly safeguarded and will not be made available at the individual level (i.e., only aggregate or totals will be available outside USC).

The external evaluation group from USC, which reports directly to the Office of Personnel Management, will provide an independent assessment of overall success. This assessment will be based on data collected with the assistance of the personnel of all the Centers involved.

NWC employee participation in the Demonstration Project will greatly assist the external evaluation group's effort to provide an accurate, independent assessment of the project's success. Another set of questionnaires is due to be mailed on Monday by the School of Public Administration at USC to Center employees involved in the Demonstration Project.

These questionnaires are only addressed to a representative sample of NWC employees who are or will be included in the Demonstration Project; therefore, it is important to the success of the evaluation effort for each employee who receives one to complete and return it.

Hays to meet with JPs for informal rap session today

As a part of the Naval Weapons Center's continuing effort to provide junior professional employees with opportunities to meet senior level management, an informal rap session with Burrell Hays will be held this afternoon, starting at 3 o'clock, in the Michelson Laboratory auditorium (formerly Conference Rm. 1000D).

Hays is the Associate Technical Director and Laboratory Director at NWC. During his long association with the Center, Hays has been the head of two technical departments, and has an extensive knowledge of the Center's work, the management of the Center, and the goals, mission and future outlook for NWC.

Hays has indicated a willingness to respond to any questions and to discuss any issues or concerns anyone wishes to present. All junior professional employees, as well as those who have recently completed this program, are invited and encouraged to attend.

Daylight Saving Time goes into effect Sunday

conserve fuel by eliminating the need for artificial light in the early evening.

During World War II, clocks were kept ahead continuously from February 1942 to Sept. 30, 1945. During this time in England,

time pieces were advanced two hours during the summer (they called it "double summer time") and one hour for the rest of the year.

For years after World War II, people across the country continued to observe Daylight Saving Time just because they wanted to. They liked the extra hour of light in the afternoon. But not everybody did it, and those who did were inconsistent.

In 1966, Congress finally came to terms with the problem caused by the inconsistencies in the observance of Daylight Saving Time. The passage of the Uniform Time Act required that all states observing Daylight Saving Time switch over at the same time.

In areas where Daylight Saving Time is observed, clocks are now set ahead on the last Sunday in April and back to Standard Time on the last Sunday in October.

Exceptions are the States of Arizona, Hawaii, and most of Indiana, and the territories of American Samoa, Puerto Rico and the Virgin Islands. At all of these places, Daylight Saving Time is not observed.



Help of employees sought in reducing energy consumption

The Energy Conservation Steering Committee is requesting Centerwide support in holding down energy consumption during the coming cooling season.

Concern by the Energy Conservation Steering Committee that individual support for energy conservation may be waning is based on the alarming trend that has emerged during the first five months of FY 81.

Despite the fact that the need for heating, as measured by "heating degree days" was 5.8 percent less than in the last fiscal year, Center consumption of heating fuel, including natural gas, propane, and fuel oil No. 6, increased by 6.7 percent when compared to the same period in FY 80.

While residential users, boiler plants No. 3 (NAF) and No. 4 (Salt Wells) showed decreases in heating fuel consumption of 5.1, 4.4, and 9.3 percent, respectively, this was offset by the demands of boiler plants No. 1 and No. 2 (China Lake community, including Michelson and Lauritsen Laboratories).

It is believed that the increased fuel consumption resulted primarily from setting room thermostats higher than the 65 degrees Fahrenheit specified in NAVWPNCENINST 4101.1A.

In a recently disseminated memorandum, Capt. J. W. Patterson, NWC Vice Commander, stressed that energy must be conserved not only to reduce national dependence on foreign oil, but to hold down NWC costs so that the Center doesn't price itself out of business.

Each year a larger portion of the NWC budget is consumed by energy costs despite conservation efforts. Last year the cost of total Center utilities was over \$6.7 million, with 65 percent of that total attributed to electrical energy consumption.

Though total energy consumption for the first five months of FY 81 has increased by only 3.3 percent, the cost has already increased by more than 36 percent and is expected to rise even further.

The Department Energy Conservation Council representative and the Energy Program Office will be conducting briefings for building monitors in each department to reemphasize NWC's energy policy and instructions as well as their responsibilities as monitors.

Everyone is encouraged to support his or her energy representative and building monitor in an effort to reverse the alarming trend in increased energy consumption. The support of every individual is essential for the success of an effective energy conservation program on the Center.



GRANITE CRUSHED FOR RUNWAY PAVING — A batch plant and crusher operation has been set up near B Mt. by Desert Construction of Victorville, the successful bidder on a \$750,000 contract to resurface the main runway (3-21) at Armitage Airfield. Two 8-hour shifts are now being operated to convert the native granite rock material for use as part of a 2-in. overlay of paving material on the 200 ft. wide runway. The job calls for heat scarifying the old runway surface, applying a rejuvenating agent, and then installing the new paving.



ON THE COUNT OF THREE — VX-5 sailors (top, l.-r.) AO2 Arthur R. Bozarth, AO3 Calvin T. Lowery, and ATAA Ron P. Hernandez, and (bottom, l.-r.) AT2 Thomas E. McNulty, AO3 Diosdado F. Miguel, and AA Michael M. Stalsberg prepare to load an AN/ARQ-41 Tactical Air Anti-Submarine Warfare pod aboard an aircraft while on deployment with the USS Nimitz (CVN 68)

VX-5 personnel get taste of sea duty on board USS Nimitz

By Ens. Susan Justice,
VX-5 Public Affairs Officer

Several members of Air Test and Evaluation Squadron Five (VX-5) recently had an opportunity to experience life aboard an aircraft carrier.

The USS Nimitz (CVN 68) was deployed to the Guantanamo Bay, Cuba, operational area from Feb. 21 to March 12.

VX-5 personnel aboard included LCdr. William E. Greenlee, officer-in-charge; Lt. Thomas J. Ringle; Lt. Richard D. Jaskot; Lt. Jeffrey N. Winston; and AQC Carl E. Oaks.

Others from VX-5 who participated were AT2 Thomas E. McNulty, AO2 Arthur R. Bozarth, AO3 Calvin T. Lowery, AO3 Diosdado F. Miguel, ATAA Ron P. Hernandez, and AA Michael M. Stalsberg.

During this deployment, VX-5 personnel performed an operational evaluation (OPEVAL) of the AN/ARQ-41 Tactical Air (TACAIR) Anti-submarine Warfare (ASW) pod with both A6 and A7 aircraft in a deployed aircraft carrier environment.

Using friendly submarines and merchant ships as acoustic sources, the VX-5 detachment evaluated the ability of tactical aircraft to dispense sonobuoys, relay sonobuoy signals to shipboard processors, and to integrate with other ASW units.

Though the USS Nimitz was heavily involved in refresher training, the deployment provided an opportunity to conduct this weapon system evaluation during normal flight operations, which is the most realistic environment for operational testing.

The shore duty officers and enlisted men from VX-5 were able to gain valuable experience with new systems in a flight deck environment while aboard the Nimitz. They also got the chance to earn flight deck hazardous duty pay.

During a 9-day period, 16 project flights were flown with only two aircraft. This strenuous schedule required long hours to gather the necessary data.

The deployment was a true learning experience, one in which everyone involved profited.

Loyd Moore, retired program manager at NWC, dies in Texas

Loyd C. Moore, who was Sparrow Program Manager at the time of his retirement from the Naval Weapons Center in 1979, died in Texas this week. Services will be held for him at the Church of Christ at Whitney, Tex., tomorrow afternoon.

Those who wish to contribute to a memorial fund in Moore's name are asked get in touch with Mary Ann Brown, Code 39, at NWC ext. 2504.

Moore began his service to the Navy when he enlisted as a radioman in 1950. Upon completion of his military service, he attended Texas A&M University where he received a bachelor's degree in electrical engineering in 1959.

He began his professional career at the Naval Ordnance Laboratory, Corona, Calif., and moved to China Lake when that laboratory was merged with NWC.

During his career at China Lake, Moore was involved, first as an engineer and then in a supervisory capacity with a large number of Navy and Air Force weapons programs such as Standard Arm, Bulldog, Condor, Vertical Launch, and Sparrow.

In 1974 Moore became manager of the Seasparrow program and played a large role in the modification of the AIM-7F to a RIM-7F. He then became manager of both the Seasparrow and Sparrow missile systems at NWC in 1977.

For his outstanding performance and technical expertise, Moore received one of the first Technical Director's Awards in 1973. He also received numerous other awards and letters of commendation during his career.

Moore is survived by his wife, Barbara, and a son and daughter.

Police reports . . .

Pausing to purchase a can of soda pop proved to be a costly experience last week for a Navy enlisted man.

The sailor, who had been paid the day before, casually left his wallet on the top of a change-making machine in a hallway while he stepped into an office at one of the BEQs to get the soft drink.

In just the length of time it took for him to work the coin-operated soft drink dispensing machine, his wallet containing \$255 disappeared. Several hours later, the wallet (minus the cash) was found in a drop box for visitor passes at the NWC main gate.

SUSPICIOUS PLANTS REMOVED

Acting on information that marijuana plants were being cultivated in an outdoor planter at a residence on Saratoga Avenue, China Lake police last week confiscated the suspicious-looking weeds and turned the evidence over to the local resident agent of the Naval Investigative Service, who is to follow up by filing the appropriate charge in this matter.

METAL STEPS MISSING

Portable metal steps, used for climbing to get at areas otherwise out of reach while working on aircraft, were reported stolen from Armitage Airfield. China Lake police learned of the theft Tuesday morning. The loss was set at \$175.

BOTH FRIENDS, MONEY GONE

The resident of a housing unit in the Capehart B housing area awoke Tuesday morning to find that friends with whom he had been sharing the quarters were gone, and had taken with them the victim's wallet containing \$430 in cash.

Sidewinder . . .

(Continued from Page 1)

Dennis LeBlanc, of Code 3622, is coordinating this effort for NWC and reinforces Major Peasley's statement. "Helicopters produce a great deal of vibration, which is characteristic of helicopters and not necessarily characteristic of other aircraft we've seen this missile used with. From that standpoint a new set of data has to be looked at and evaluated to determine whether the missile and the helicopter are compatible."

LeBlanc further outlined NWC's role in this integration effort. "We take care of planning and carrying out the coordination with the range firings, looking after the telemetry data and gathering it up for firing reports," he stated. NWC is also responsible for keeping track of the funding provided by NAVAIR.

Also involved in this integration effort is the American Electronics Laboratory, which is tasked with redesigning the wiring for the helicopter and for missile control. S/Sgt. Alexei Borissenko, from the Marine Corps Liaison Office at NWC, has been chiefly responsible for the integration with the wiring and electronic continuity of the project.

REASONS FOR SUCCESS

Major Peasley feels the success of this project has been largely due to NWC's unique qualities as a base and NWC's very supportive attitude. He stated, "The fact that we have all the ranges, the labs, the simulation facilities, and the missiles here (at NWC) really has made the program go."

In reference to the support and cooperation received from the Sidewinder Program Office, Major Peasley said, "The NWC team work has been very outstanding. It's been a fun project."

LeBlanc also commented on the VX-5/NWC team effort by stating, "I think this is a good example of how different groups at China Lake can work together for a common goal."

Future plans for Sidewinder missile firings will involve other helicopters besides the AH-1. Fit tests are currently being performed on a UH-1N helicopter and a CH-53 helicopter.

More firings are expected to take place against both the QH-50 Dash helicopter and the F-86 drone.

Malloy honored upon retirement from NAVAIR post

Justin W. Malloy, Director, Advanced Weapons Systems Division in the Naval Air Systems Command, retired from Federal service in Washington on Friday, April 17. He was recommended for the Navy Superior Civilian Service Award for his competence and dedication in support of the Research and Technology Group and his exemplary performance of special missions important to NAVAIR.

The Advanced Weapons Systems Division Director is responsible for the exploratory and advanced development of air launched weapon systems and their components and subsystems and for all planning and budgeting of these systems.

Malloy's involvement with NWC includes direction of such programs as Agile, the advanced tactical inertial guidance system, advanced low volume ramjet, passive microwave radiometer guidance system, and the air intercept missile. He was also a sponsor of the technology demonstration of the supersonic tactical missile concept.

He was instrumental in developing the concept of block programming, specifically, the Exploratory Development Strike Warfare Weaponry Block.

His Navy career began as a Naval Aviation Cadet in July 1944. After Malloy was released from active duty in 1946, he completed a bachelor of science degree in mechanical engineering and a bachelor's degree in Naval Science and Engineering at Duke University before going to work at the Naval Gun Factory.

Following that, he worked for both the Bureau of Ordnance and the Bureau of Weapons before the Naval Air Systems Command was formed in 1966. At that time Malloy became the Director of the Advanced Weapons Systems Division, and has been the only person holding that position.

Safety Dept. to host course dealing with hazardous materials

An 8-hour course on recognizing hazardous materials and determining what actions to take in handling emergencies that are caused by the burning or spilling of toxic materials will be held on Monday from 7:30 a.m. to 4:30 p.m. in the Cactus Room of the Community Center.

This course is being offered by the California Specialized Training Institute (CSTI), headquartered in San Luis Obispo, Calif., and is being paid for by the State Fire Marshal's Office.

It is intended specifically for police, fire, and safety departments, as well as for personnel from the California Highway Patrol, Department of Fish and Game, Bureau of Land Management, or any agency whose employees might come in contact with hazardous materials in the normal course of their duties.

According to Lt. Art Edmunson, of the China Lake Police Division, who is coordinating this course for the Safety and Security Department, an attendance of between 75 and 100 persons is expected, including 45 from the Indian Wells Valley area.

Law enforcement, fire and safety personnel have been registered from California City, Boron, Edwards and George Air Force Bases, as well as from as far away as the town of Independence in Inyo County, and the Kern County seat in Bakersfield.

The Safety and Security Department will host this special course, and greetings to the visitors will be extended by W. E. Davis, head of the department.

The CSTI course will be conducted by Dennis Rhodes, fire chief of the Fresno Fire Department, who will present lectures, show movies and film slides. Among the information to be presented will be details on the types of containers used for transporting hazardous materials and the symbols used for marking them so that they can be readily identified.



TECHNICAL MANAGEMENT CURRICULUM COMPLETED — Capt. William B. Haff, NWC Commander, last week presented certificates to 12 Center employees who recently completed the Special Curriculum in Technical Management. The recipients, who were introduced by Bob Hillyer, Technical Director, are (seated, l.-r.) Harold Platzek, Mervyn Hoover, Randall Morris,

George Moncsko, Donald Scofield, and Gary Bartlett, and standing (from left) Charles Oldfield, Alvaro Lopez, William Sutherland, Larry Stevens, Randall Langham, and Wayne Gunther. Klaus Schadow, another employee who has achieved this milestone in his work career at China Lake, was unable to be present for the photo. —Photo by Don Cornelius

Employees complete Tech. Mgm't course

Certificates denoting completion of the Special Curriculum in Technical Management were presented by Capt. William B. Haff, NWC Commander, to 13 Center employees during the weekly Commander's meeting held April 13 in the Management Center of Michelson Laboratory.

The major thrust of this curriculum emphasizes Department of Defense, Navy and NWC management policies and practices in general, and their application to management of the systems acquisition program at NWC in particular.

The training courses included in this program are focused specifically on the problems and practices found in the NWC/Navy environment.

A total of 310 hours of classroom instruction is required in the program, and each of the 13 recipients of the certificate of completion put in approximately 2½ years in the program.

This represents a high degree of commitment on the part of both Center management and the 13 most recent graduates of the Special Curriculum in Technical Management.

Each year, a group of 20 participants is chosen by the Technical Planning Board to enter this program. At the present time, there are 41 participants. Nominations will be accepted in May for another class that will begin in the fall.

The latest group of Center employees to receive certificates for completing the Special Curriculum in Technical Management are:

Gary Bartlett, a project engineer in the High Speed Anti-Radiation Missile (HARM) Program Office. Bartlett, who is responsible for the integration of HARM onto Air Force aircraft, has been at NWC for 10 years.

NEX-operated Garden Shop to open on April 30

A garden shop, operated by the Navy Exchange, will open for business on Thursday, April 30, in the old Personalized Service Center located next door to the NEX service station on Richmond Road.

During the grand opening sale at the garden shop, which is scheduled on April 30, May 1 and 2, patrons will receive a 10 percent discount on items that cost \$10 or more. Steve Palmer, the shop manager, reported.

Offered for sale at the garden shop will be lawn mowers, lawn furniture, barbecue grills, gardening tools, air coolers, clay pots, and some sporting goods.

Hours of operation at the garden shop will be 12 noon to 5 p.m. on Tuesdays, Thursdays, and Fridays, as well as on all military paydays. In addition, the shop will be open on Saturdays and Sundays from 10 a.m. to 3 p.m.

Wayne V. Gunther, is the lead reliability engineer on HARM and a section supervisor in the Reliability Branch (Code 3686). He also has been employed at NWC for 10 years.

Mervyn C. Hoover, Jr., works in the Millimeter Wave Systems Branch of the Electronic Warfare Department. He is involved in programs related to passive/millimeter wave imaging and guidance systems, and is working on a joint Navy-Air Force program to assess the feasibility of millimeter wave against high value land and sea targets. He is another 10-year employee of NWC.

Randall D. Langham, a supervisory reliability engineer, works in the Reliability and Maintainability Branch (Code 3686) — principally on alternate cryogenics (low temperature storage) of Sidewinder missiles. He joined the work force at China Lake three years ago.

Alvaro G. Lopez, a 15-year employee at NWC, is a project engineer on the FAE II System (Code 3263). Since 1971, he has been involved in weapon system design and testing.

Randall W. Morris, a supervisory electronics technician, is employed in the Telemetry Systems Branch (Code 62411) of the NWC Range Department. The end products of his work are telemetry systems for Sidewinder missiles and airborne weapons systems being developed and tested at NWC. Morris has been at China Lake for 21 years.

George E. Moncsko, a mechanical engineer in the Fuze and Sensors Department's Systems Survivability Branch, handles work pertaining to reducing the vulnerability of aircraft in combat. He has been employed for 12 years at NWC.

Charles R. Oldfield, is a supervisory electronics engineer who heads the Design and Fabrication Branch of Code 33. The employees under his supervision provide support in the areas of electrical and mechanical design, packaging, fabrication, and troubleshooting for most electronic hardware. His experience in this field goes back 22 years, including time spent at the Naval Ordnance Laboratory in Corona before the Fuze and Sensors Department was transferred to China Lake.

Harold M. Platzek, an aerospace engineer in the Propulsion Development Branch (Code 3274) has a job that involves him in the Internal Rocket Ram-Jet Propulsion Program and Skipper II — a laser guided bomb. He has been at China Lake for 27 years.

Klaus C. Schadow, as a general engineer in the Propulsion Research Branch (Code 3883) of the NWC Research Department, works on the mixing and combustion of fuels in air breathing propulsion systems, such as the solid fuel Ramjet, the gas generator Ramjet, and other external burning propulsion systems.

Donald L. Scofield, head of the Telemetry

Systems Branch in the Range Department, has a job that involves him in telemetry work for Sidewinder missile tests, laser instrumentation on the ranges, and range safety support. An electronics engineer, he has been at NWC for 16 years.

Larry M. Stevens, a 10-year employee of the Center, is an electronics engineer in the Sensor Systems Division of the Fuze and Sensors Department. He does exploratory development work on optical fuses.

William D. Sutherland, a project engineer in the NWC Weapons Department, is involved in work on anti-submarine warfare standoff weapons as an employee of Code 3909. He has been at China Lake for nine years.

Saturday workshop slated by FEW for 'Woman of the '80s'

"Woman of the '80s": how does she look and dress, how does she feel and cope, and what can she do to better herself in these areas? The Federally Employed Women (FEW) feel they have an answer.

For the benefit of today's women, FEW has put together some informative and fun workshops, which are scheduled on Saturday, April 25. These workshops will take place at Cerro Coso Community College beginning at 9 a.m. in the lecture center.

There are eight workshops to choose from and individuals are asked to select only four, two in the morning and two in the afternoon. These workshops will be given at 1-hour intervals and include sessions on wardrobe, travel, hairstyling, makeup and skincare, body conditioning and physical fitness, nutrition, and stress.

Information given at each session of the same workshop will be repeated except in the case of workshops on hairstyling and another on wardrobe given by JoAnn Cobb of Image Improvement. Afternoon sessions of these two workshops will be on different subjects than those presented in the morning. The nutrition workshop is scheduled in the morning only.

During the course of these workshops there will be two 15-minute breaks, one at 10:15 a.m. and the other at 1:45 p.m. The last workshop will begin at 2 p.m.

A lunch break is scheduled at 11:30 a.m. and lunch will be available on the campus by placing an order with "Audry's Pantry" no later than today. During the lunch break local merchants will be displaying products in the Student Center. These products will not be for sale.

The cost for this program is \$10 for FEW members, \$20 for members with their daughter, \$15 for nonmembers, and \$25 for nonmembers with their daughter.

For further information regarding registration and workshop outlines, contact Wanda Clark, by calling NWC ext. 3361, or Margy Zinke (375-4007 after 5 p.m.).