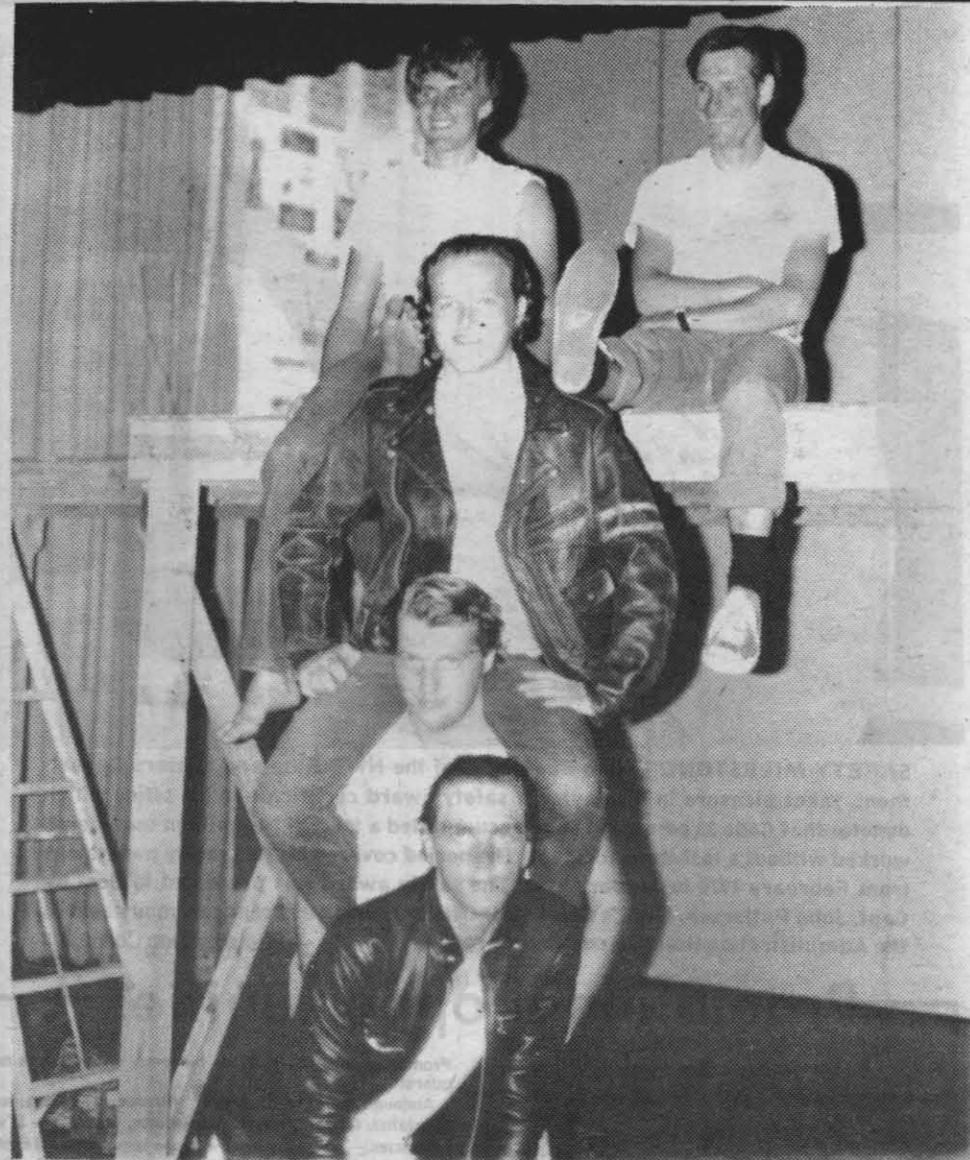


August 14, 1981



FUN-LOVING GROUP — The final two performances of the Community Light Opera and Theater Association's production of "Grease" are scheduled tonight and tomorrow night at 8:15 at the Burroughs High School lecture center. Among the members of the cast, who portray members of the "Burger Palace" boys, are (bottom to top) Dave Craddock as Sonny, Rus Stedman as Kenickie, Tom Lehman as Zuko, Clay Babcock as Doody, and Greg Cote as Roger. Tickets priced at \$3 for general admission and \$2.50 for senior citizens, students under 21 years of age, and enlisted personnel will be on sale at the box office prior to each performance. "Grease" is a portrayal of the customs, attitudes, and naivete that was typical among the "cool" generation of teenagers who grew up in the 1950s.

Sweet Adelines to observe 22nd birthday tonight in Ridgecrest

A party in observance of the group's 22nd birthday will be held at 7 o'clock tonight at the Westwood Manor mobile home park community building in Ridgecrest by the Singing Sands Chapter of Sweet Adelines.

This also will be membership night for the Sweet Adelines, who are recruiting new members 18 years of age and over who are interested in singing barbershop-style, four-part harmony.

A committee headed by Helen Estell has been busy gathering some of the costumes worn during previous shows staged by the Sweet Adelines, and these will be modeled for the benefit of prospective new members.

The evening's program also will include singing directed by Eleanor Hartwig, a reading covering a brief history of the group prepared by Lynn Johns, and the serving of refreshments.

Invitations to attend have been sent to

CYO sponsors youth swim party at COM pool Sunday night

All Christian youth of high school age in the Indian Wells Valley are invited to attend a swim party Sunday from 6 to 9 p.m. at the Commissioned Officers' Mess pool.

The Catholic Youth Organization (CYO) sponsored by the Catholic Congregation of the All Faith Chapel is hosting this event, and there will be no charge to the participants.

High school youth groups that have been invited are asked to respond by telephoning Joe or Regina Hibbs, CYO advisors, at 375-4969, to ensure that adequate amounts of refreshments will be on hand.

Any group that has not been invited or anyone with a question is also asked to telephone the CYO advisors.

members of Sweet Adelines' chapters from as far away as Bishop, Kern Valley, Wrightwood and Bakersfield.

According to Georgia Klassen, president, the local chapter of Sweet Adelines has plans for a busy fall and winter season, which includes the group's annual show on Sept. 26 at the Burroughs High School lecture center, and hosting the Region 11 novice quarter competition in Ridgecrest on Dec. 5.

During the summer months, the Singing Sands Chapter is holding rehearsals on Wednesdays at 7 p.m. in the Presbyterian Church, 733 Las Flores St., Ridgecrest. Additional information about the Sweet Adelines can be obtained by calling Mrs. Estell at 375-2036.



Weekend Roundup

The 18th annual Tehachapi Mountain Festival is now underway and will continue today, tomorrow and Sunday. The festival parade, scheduled tomorrow morning at 10 o'clock, features floats, bands and horses. All day tomorrow and Sunday there is an art fair in the city park with about 85 booths displaying dolls, macrame, jewelry, woodwork, pottery and paintings just to name a few of the crafts.

Don McCauley's display of 20 contemporary western paintings of landscapes and figures is on display at the Maturango Museum this weekend from 12 noon to 10 p.m. McCauley is a former physicist at the Naval Weapons Center who retired to devote more time to painting. All paintings are for sale and a portion of the proceeds from the sale will be used to help provide funds for the Sylvia Winslow Art Gallery at the museum.

Two local stage productions will continue this weekend. "Grease," presented by Community Light Opera and Theater Association, is playing at the Burroughs High School lecture center at 8:15 tonight and tomorrow night. Also on stage this weekend is "The Butler Did It," presented by the Young China Lake Players. Curtain time is 8:15 p.m. at Las Flores School auditorium. The play runs tonight and tomorrow night.

The Catholic Youth Organization (CYO) is sponsoring a swim party on Sunday from 6 to 9 p.m. at the Commissioned Officers' Mess swimming pool for all Christian youth of high school age in the Indian Wells Valley. Refreshments will be served at poolside. For further information contact Joe or Regina Hibbs, CYO advisors, by calling 375-4969.

First Class Ways, Means to provide EM swim pool shade

The swimming pool at the Enlisted Mess will shortly be sporting a classy new awning to provide shade at poolside, thanks to the efforts of the First Class Ways and Means Committee.

This is just one of the many military and community oriented projects that this group has tackled since it was organized a few years ago.

The group tries to take care of military and community needs that are unmet, especially the needs of military personnel.

Other operations successfully undertaken within just the past year include taking charge of and organizing all E-6 retirements, raising money for and installing fencing for the NWC Day Care Center, cleaning up the grounds around the Maturango Museum and lending a helping hand (as well as a number of strong backs) at Maturango Junction Days, building a Petty Officer Bar at the Enlisted Mess, and helping with the Center-wide clean-up effort during Project Community Pride last January.

On tap currently is a clean-up at the Sandquist Spa recreational area. This will involve removing dead trees, planting live trees, and cleaning up and restoring the other facilities so that the area can once more be used by Center personnel who are seeking a picnic or recreation spot.

Along with all the worthwhile chores that have been accomplished has come family fun as well. Usually at the conclusion of a project, all of the First Class Ways and Means Committee and their families will gather for a family picnic to celebrate.

The committee is comprised of active duty and reserve E-6 personnel attached to NWC, including all tenant commands. An initial fee of \$5 plus annual dues of \$20 per member pays for the various activities.

Anyone who is interested in joining can contact Howard Baker, president, by calling NWC ext. 5413, or Ed Lampe, vice president, whose phone number is NWC ext. 5555. Meetings (which are also open to anyone interested in joining) are held at Hangar 3 at 3 p.m. on the second Thursday of each month.

Don McCauley art work on display at museum

An exhibit of art work by Don McCauley is now on display at the Maturango Museum.

The exhibit opened last night and will continue today, tomorrow and Sunday between the hours of 12 noon and 10 p.m.

McCauley, a former physicist employed on the Naval Weapons Center, retired from Civil Service in 1977 in order to devote fulltime to his work as a professional artist.

This current exhibit at the Maturango Museum features some 20 contemporary western paintings of landscapes and figures, including one that is 3 by 8 ft. in size.



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: 7:00 p.m.	
FRIDAY, WEDNESDAY	AUGUST 14, 15
"POPEYE"	
Robin Williams and Shelley Duvall (Action-comedy, rated PG, 114 min.)	
SATURDAY	AUGUST 15
"LOVERS AND LIARS"	
Starring Goldie Hawn and Giancarlo Giannini (Romantic-comedy, rated R, 96 min.)	
SUNDAY	AUGUST 16
"PLANET OF THE APES"	
Starring Charlton Heston and Roddy McDowell (Science fiction, rated G, 114 min.)	
MONDAY	AUGUST 17
"THE COMEBACK"	
Starring Jack Jones and Pamela Stephenson (Mystery-horror, rated R, 108 min.)	
TUESDAY	AUGUST 18
2 p.m. Matinee "LADY AND THE TRAMP" (Animated, rated G, 90 min.)	
THURSDAY	AUGUST 20
2 p.m. Matinee "THE MUPPET MOVIE" Starring Kermit the Frog and Miss Piggy (Comedy, rated G, 101 min.)	
FRIDAY	AUGUST 21
"FRIDAY THE 13TH"	
Starring Jeananne Taylor and Robbie Morgan (Horror-drama, rated R, 95 min.)	
SATURDAY	AUGUST 22
"THE COMPETITION"	
Starring Richard Dreyfuss and Amy Irving (Drama with music, rated PG, 126 min.)	
SUNDAY	AUGUST 23
"THE WILD ONES"	
Starring Marlon Brando and Mary Murphy (Drama, rated PG, 79 min.)	

Breakfast now served at golf course snack bar

Extended hours of operation for the snack bar at the China Lake golf course were announced recently.

The snack bar, which is being operated by the Chief Petty Officers' Club, is now open for the serving of breakfasts from 6:30 to 9:30 a.m. daily, except on Mondays when the golf course is closed.

Closing time for the snack bar, where lunch also can be purchased, is 6 p.m. Previous hours of operation at the golf course snack bar were 9:30 a.m. to 3 p.m.

Orchestra rehearsals move to lecture hall

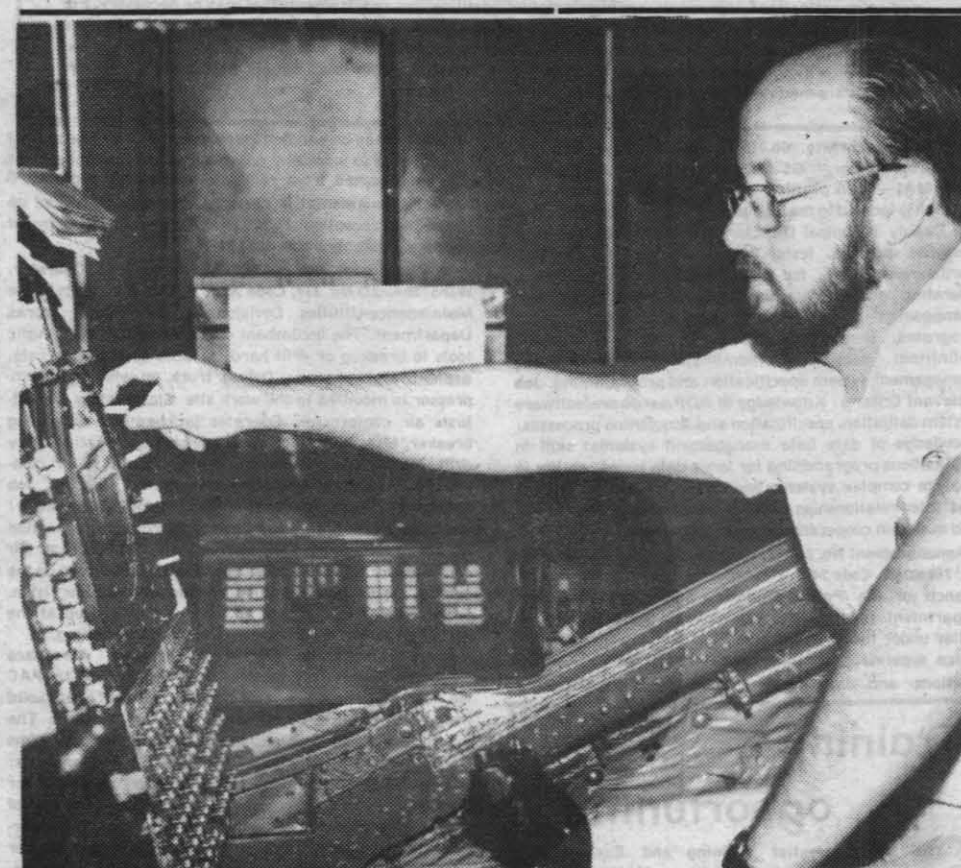
Weekly rehearsals held by the Cerro Coso Community College/Desert Community Orchestra will be moved to the college lecture hall on Mondays, from 7 to 10 p.m., starting on Aug. 17.

For several weeks during the summer months, the rehearsals were held each week at a church in Ridgecrest.

The orchestra, under the direction of Walter Unterberg, is preparing for its season-opening performance at a pop concert to be presented on Saturday, Sept. 12, on the lanai at the Commissioned Officers' Mess.

U.S. Government Printing Office: 1981 - No. 38

From:	PLACE STAMP HERE
To:	



COMPUTER SOFTWARE OPERATION CHECKED — Jim McManis, the latest recipient of the NWC Technical Director's Award, sits in a mockup of the A-6 Intruder aircraft cockpit as he checks out the different modes of operation of the aircraft's computer software. —Photo by Don Cornelius

Air curtain incinerator used in disposing of trash contaminated by propellants, explosives

Disposing of waste and scrap cleanly and safely has always been a problem. When the scrap consists of explosives and propellants or propellant-explosive-pyrotechnic (PEP) contaminated trash, the problem may increase dramatically.

Burying such scrap is not permitted unless the scrap is transported to a hazardous waste site, yet transporting that kind of waste may be unsafe because of the physical state of the materials. Aged or reprocessed explosives, for instance, may be highly unstable.

The ideal solution is to burn the scrap. The difficulty with burning is that at ordinary burning temperatures, combustion is incomplete and often a large plume of smoke rises to pollute the air — illegal under the Clean-Air Act of 1970 and Executive Orders requiring that Department of Defense facilities meet local standards for air quality control.

All hands invited to reception for Capt., Mrs. Lahr

A no-host, welcome aboard reception honoring Capt. Jude Lahr, NWC Commander, and his wife, Janice, will be held next Thursday, Aug. 20, from 5:30 to 7 p.m. at the Commissioned Officers' Mess.

This event is being sponsored by the Women's Auxiliary of the Commissioned Officers' Mess, and all Naval Weapons Center personnel and their spouses are invited to attend.

Those planning to do so are asked to contact the Program Coordinator's Office (Code 0031) by calling NWC ext. 2634 no later than noon on Wednesday, Aug. 19, in order that name tags can be prepared for them.

Those who wish to remain for dinner at the COM following the reception for the new NWC Commander and his wife are reminded that the dining room will be open.

Recognizing the problem, in 1976 the Naval Sea Systems Command funded NWC to study a proposed efficient method of disposal of explosives by open burning — the air curtain incinerator. Air curtain incinerators have been used extensively by loggers to burn "slash," the scrap left when trees are cut down. This slash can't be left on the ground because it is a major fire hazard, and yet it must be disposed of cleanly and completely.

An air curtain incinerator is a rectangular box approximately 10 ft. long by 10 ft. wide by 12 ft. high. Materials to be burned are placed in the bottom of the box and air is forced in at the top.

COMBUSTION MORE COMPLETE

The additional oxygen and the turbulence created raises the combustion temperature, which means that the combustion process is more complete than it would be in an open burning. A vent towards the top of the incinerator carries off the products of the combustion.

An air curtain incinerator was constructed in Burro Canyon for the investigation carried on by Drs. Herman Cordes, Taylor Joyner, Al Lepie and Charles Stanifer. During the course of their investigation, they burned a wide variety of materials, ranging from used rubber tires to explosives and propellants to determine the feasibility of using air curtain incinerators to dispose of such waste.

The study also involved determining the optimum shape and size of the incinerator and varying the air flow into the incinerator for the best resultant combination. Joyner, Lepie and Stanifer recently have been granted a patent on the controls that were developed during the study.

While the Research Department was studying the air curtain incinerator, the NWC Public Works Department was seeking a means of getting rid of the containers, rags, and other items contaminated by propellants, explosives and pyrotechnics used on Center.

San Bernardino County Air Pollution

NAVAL WEAPONS CENTER
CHINA LAKE
CALIFORNIA

Technical Director Award presented for integration of Harpoon missile to A-6

The Naval Weapons Center's Technical Director Award in recognition of his significant contributions to integration of software for the Harpoon missile system into the A-6 Intruder aircraft weapons system software was presented Monday morning to James R. McManis, a physicist in the Tactical Software Branch of the Aircraft Weapons Integration Department.

The presentation was made by Bob Hillyer, NWC Technical Director, during the Commander's meeting held in the Management Center of Michelson Laboratory.

Prior to presenting the Technical Director Award, Hillyer stated that since 1961 the Navy has been in need of, but hasn't had, a stand-off air-to-ship capability. Integration of the Harpoon missile system into the weapons arsenal of the A-6 aircraft will help to meet that need, the Technical Director added.

"Many persons were involved in this effort, but the lion's share of the credit goes to

McManis, who also set the basic framework for future modification of the A-6 software to a modular structure that is a more modern approach to the A-6 aircraft software package," Hillyer said as he presented the Technical Director Award.

In addition to a letter of commendation, McManis received an engraved paperweight and a \$300 stipend that accompanies this special form of a Superior Achievement Award.

According to Leroy Marquardt, acting head of the Aircraft Weapons Integration Department, who nominated McManis for the Technical Director Award, McManis

"provided the primary technical thrust and leadership to formulate the design and development criteria necessary to integrate the Harpoon requirements into the A-6 weapons system software without compromising the performance of other A-6 weapon systems."

Once the requirements had been established, the Grumman Aerospace Corp. was given the assignment of accomplishing the software integration work.

Because of McManis' expertise, he was able to redirect the software approach proposed by the contractor to one that will serve as a cornerstone for the future A-6 software development objectives — one that is modular in structure, Marquardt wrote in recommending McManis for the Technical Director Award.

The modifications that were proposed permitted inclusion of the Strike Attack

Temperature soars to 115, ties record set in 1972

"Boy, was I right! I just wish I hadn't been," says weather forecaster John Gibson of his prediction in June that July and August would prove hotter than normal this year.

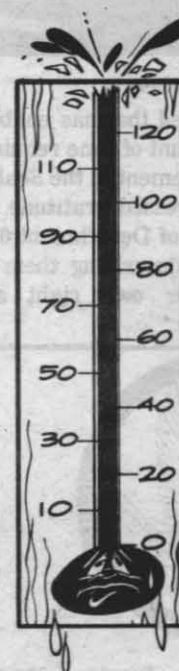
July temperatures averaged 110 degrees, but August, so far, has proven to be hotter yet. Last Saturday's 115 degrees tied the all time high temperature recorded at China Lake on July 15, 1972.

Temperatures during this last week included 114 degrees last Friday, 115 on Saturday, with cooling winds keeping the heat to a mere 110 degrees Sunday and Monday.

On Tuesday night the stagnant air mass that had been above the local area suddenly broke in two, with half of it heading for the southeastern United States and the other half heading west over the Pacific. The northerly flow aloft brought unstable air and a relief from the scorching heat. More normal August temperatures hovering around 100 degrees are expected for the next five to seven days.

Generally, according to Gibson, thermometer readings reach within a couple of degrees of maximum between 1 and 2 p.m. If no capping winds come up, the temperature creeps up to a maximum some time between 4 and 5 p.m.

He blames the high readings on a high pressure area that was centered over the western United States rather than over the eastern Pacific Ocean. Since the local area was near the center of the high, there was no air movement, and the accumulated heat meant that each day started with a slightly higher temperature than the day before.



A 40-degree temperature variance is normal for the local area in August. With the abnormally high temperatures so far this month, the thermometer has still been reading in the high 90s at midnight, and minimum readings in the 70s aren't achieved until between 5 and 7 a.m.

Gibson doesn't hold out much hope for a cool September, either, if the weather acts this year as it has in the past when the summer has been unusually hot.

"However," he adds, "if the temperatures are down in the 95 degree range — hot for September, under ordinary conditions — we'll still all think that fall has come because it's cooler than August."

Employee service awards

The following Naval Weapons Center employees have received Federal service or NWC length-of-service awards:



Don Phillips
35 yrs. Fed'l Service
Code 3644



Eddie G. Nelson
35 yrs. Fed'l Service
Code 3683



Richard V. Boyd
30 yrs. Fed'l Service
Code 62



Arthur R. Craddock
30 yrs. Fed'l Service
Code 3952



Magnus Pladson
25 yrs. Fed'l Service
Code 368



William (Bill) Fitzgerald
25 yrs. Fed'l & NWC Service
Code 3941



Roland E. Baker
25 yrs. Fed'l Service
Code 3606



Robert A. Byrne
25 yrs. Fed'l Service
Code 3606

Reservist selected for promotion to rating of chief petty officer

Cy Ebersberger, a veteran of more than 20 years of service in the Seabee Reserves, recently received word that he has been selected for promotion to the rating of chief petty officer.

Ebersberger, who is employed as head of staff in the Office of Finance and Management, joined the work force at China Lake in December 1965. His service in the Seabee Reserves predates that time, however, since he joined the Seabees in January 1961 while he was employed by the Trona Railway.

At the present time, Ebersberger holds the rating of equipment operator first class (EO1) in the Seabee Reserves, and since last October has been the officer-in-charge of Reserve Mobile Construction Battalion 17's Detachment 0217 at China Lake.

EO1 Ebersberger expects to receive his certificate of promotion to equipment operator chief (EOC) in mid-September. Just 15 out of a group of 150 candidates for the EOC rating were approved, Ebersberger said.

A former Navy enlisted man, Ebersberger served on active duty during the Korean War (from October 1950 through December 1953) — receiving promotions to the rating of airman 1st class during assignments at various stateside airfields, including Lackland AFB in Texas; Sampson AFB near Geneva, N.Y.; Scott Air Force Base in East St. Louis, Ill.; and at Daugherty Field in Long Beach, Calif.

During his first 10 years as a member of the Seabee Reserves, Ebersberger was involved in heavy equipment training. Since 1972 he has been the local unit's ad-

ministrative petty officer — a task that called for handling records and correspondence, finances, and the coordination of training and planning for the on-the-job training undertaken by local Seabee Reservists.

At this milestone in his career in the Seabee Reserves, Ebersberger expressed appreciation to his wife, Shirley, for the



EO1 Cy Ebersberger

support she has provided that has enabled him to commit the amount of time required for his extensive involvement in the Seabee Reserves. He also expressed gratitude for the topnotch personnel of Detachment 0217 with whom he works, describing them as "professionals in their own right and dedicated to the Seabees."

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

Announcement No. 06-015, Computer Specialist/Analyst/Programmer, GS-344-9/11, PD No. 8100099, Code 01A5 — This position is open to status eligibles. This position is located in the Equipment Management Office of the Deputy Technical Director. The incumbent analyzes, designs, specifies, tests, documents and installs ADP hardware/software for the purpose of establishing, operating and maintaining a Centerwide equipment management system. Efforts include planning of ADP programs; hardware and software requirements definition; data base administration; data base management system specification and programming. Job Relevant Criteria: Knowledge of ADP hardware/software system definition, specification and acquisition processes; knowledge of data base management systems; skill in applications programming for large data bases; ability to analyze complex systems and define the inputs, outputs and inter-relationships; ability to communicate clearly and maintain cooperative work relationships.

Announcement No. 24-041, Police Officer, GS-083-3/4, PD No. 7242434N, Code 2415 — Position is located in the Patrol Branch of the Police Division, Safety and Security Department. Incumbent performs basic law enforcement duties under the direction of a field training officer or a police supervisor. Routine cases, traffic control, traffic citations and investigation of NWC Administrative

violations may be handled independently. Incumbent must be available to work any one of three shifts. Applications will be accepted from reinstatement/status eligibles. A special supplemental is required and may be picked up from the receptionist in the Personnel Department building. Promotion potential to GS-5.

Announcement No. 26-112, Pneumatic Tools Operator, WG-5722-4, JD No. 219, Code 26418 — This position is in the Maintenance-Utilities Division of the Public Works Department. The incumbent operates various pneumatic tools to break up or drill hard surfaces such as concrete, asphalt, and masonry. Drives truck on which air compressor is mounted to the work site. Starts, stops and adjusts air compressor. Operates jackhammer or paving breaker. Uses hand tools and operates pneumatic rotary drill. Makes minor repairs and adjustments to air compressor. Assists in shoveling of earth or concrete. Job Relevant Criteria: Ability to operate motor vehicle safely; work practices; ability to interpret instructions; operation of pneumatic tools with various attachments and air compressor; reliability and dependability; ability to do the work of the position without more than normal supervision. Supplemental is required and may be picked up at the reception desk of the Personnel Department building.

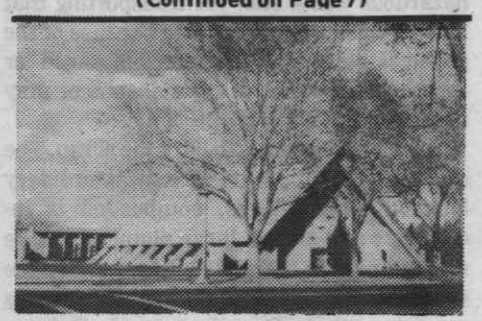
Announcement No. 32-018, Supervisory Aerospace Engineer, Supervisory General Engineer, DP-861-3/4 PAC No. 8032740, Code 3274 — This position is that of head, Solid Propulsion Branch, Ordnance Systems Department. The incumbent is responsible to the head, Propulsion Systems Division for the accomplishment of the following functions: design and development of propulsion systems for weapons, weapons systems analyses, development of weapons, proposal of advanced weapon concepts, coordination of weapons feasibility demonstrations and/or experimental development projects with the branches, divisions, departments at NWC and at other installations, review and technical guidance to project teams, and integration of the work of the project teams into an overall branch output. Job Relevant Criteria: Ability to manage project teams and individuals in an effective manner and in consonance with EEO/Affirmative Action Programs; knowledge of and ability to implement sound planning and administration practices in the directing of development programs; knowledge of propulsion systems and weapon design; and knowledge of quality assurance, reliability and documentation procedures for propulsion and weapon design. (If filled at DP-3 level, incumbent may be non-competitively promoted to DP-4 at a later date, however, promotion is not guaranteed.) Previous applicants need not reapply.

Announcement No. 00-013, Assistant Technical Manager in the Guided Missile Division, Interdisciplinary/Engineering — all Series DP-3, Location: Naval Sea Systems Command (SEA 6273), Washington, D.C. Training Objectives: The primary training objectives of this developmental assignment are to increase technical expertise while broadening management skills and knowledge by exposing the individual to the operations of major project office in NAVSEASYSOM. Specific training objectives of the development assignment are: (a) to gain experience in coordinating Guided Missile Division program efforts with Navy activities and contractors; (b) to develop an increased awareness of the total missile round requirements in the acquisition cycle; (c) to gain experience in preparing program directives, budget submittals and contracting procedures; (d) to broaden the participants' overall development experience by working with other DoD offices. Duties to be performed: The participant will assist in providing program management support and coordination in the technical and planning activities of guided missile programs. Specific duties include: (a) Make periodic visits to lab facilities and contractors such as NAVWPNCN/China Lake, Naval Surface Weapons Center/Dahlgren, Applied Physics Laboratory/Johns Hopkins University, and General Dynamics/Pomona. During these trips, the participant will monitor development efforts and observe laboratory and field tests; analyze and evaluate test data, and prepare reports on results; monitor plans, progress, and resources of contractors; work with SEA-6273 specialists in reviewing and providing inputs to training, reliability, maintainability, safety, procurement and logistics plans; assist in the preparation of Impact statements, budget reclaims, and other SEA-6273 submissions in defense of financial plans; assist in preparation of financial plans and budget submissions for guided missile programs; interface with Naval Material Command by submitting documentation for review and approval; maintain a liaison with the Chief of Naval Operations sponsors of guided missile programs. Qualifications Required: The participant for this developmental assignment must possess a sound knowledge of guided missile concepts and be widely experienced in military problem solving and the use of scientific analytical techniques. He/she must have demonstrated initiative, originality, and judgement qualities and be capable of working in close harmony with and obtaining the cooperation and professional support of naval officer, civilian scientific and analytic personnel. The specific requirements are: (a) Must be a graduate of a recognized school of engineering or science; (b) must have a thorough and detailed knowledge of the technical characteristics and general requirements of guided missiles, including fuzing/warhead and propulsion sub-systems; (c) must possess the managerial skills necessary to assist in planning, coordinating, and directing complex programs involving numerous independent organizations and laboratories; (d) must be capable of representing NAVSEASYSOM in dealings with technical experts from Navy laboratories, industry, and other activities, and also with management personnel in Naval Material Command, Naval Operations, and DoD (e) communicate effectively and have the ability to hold and lead conferences attended by diverse disciplined representatives of the many interests relating to guided missiles; (f) must have the flexibility and adaptability to deal with short deadlines, and provide specific recommendations to broadly defined requests.

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. The employee selected will go on the training assignment at his current grade level and position description. Applicants must be at the grade level listed in the notice. For information or to apply for the below listed training opportunities, contact Len Gulick or Donna Gage, Code 035, Ext. 3793.

Announcement No. 00-013, Assistant Technical Manager in the Guided Missile Division, Interdisciplinary/Engineering — all Series DP-3, Location: Naval Sea Systems Command (SEA 6273), Washington, D.C. Training Objectives: The primary training objectives of this developmental assignment are to increase technical expertise while broadening management skills and knowledge by exposing the individual to the operations of major project office in NAVSEASYSOM. Specific training objectives of the development assignment are: (a) to gain experience in coordinating Guided Missile Division program efforts with Navy activities and contractors; (b) to develop an increased awareness of the total missile round requirements in the acquisition cycle; (c) to gain experience in preparing program directives, budget submittals and contracting procedures; (d) to broaden the participants' overall development experience by working with other DoD offices. Duties to be performed: The participant will assist in providing program management support and coordination in the technical and planning activities of guided missile programs. Specific duties include: (a) Make periodic visits to lab facilities and contractors such as NAVWPNCN/China Lake, Naval Surface Weapons Center/Dahlgren, Applied Physics Laboratory/Johns Hopkins University, and General Dynamics/Pomona. During these trips, the participant will monitor development efforts and observe laboratory and field tests; analyze and evaluate test data, and prepare reports on results; monitor plans, progress, and resources of contractors; work with SEA-6273 specialists in reviewing and providing inputs to training, reliability, maintainability, safety, procurement and logistics plans; assist in the preparation of Impact statements, budget reclaims, and other SEA-6273 submissions in defense of financial plans; assist in preparation of financial plans and budget submissions for guided missile programs; interface with Naval Material Command by submitting documentation for review and approval; maintain a liaison with the Chief of Naval Operations sponsors of guided missile programs. Qualifications Required: The participant for this developmental assignment must possess a sound knowledge of guided missile concepts and be widely experienced in military problem solving and the use of scientific analytical techniques. He/she must have demonstrated initiative, originality, and judgement qualities and be capable of working in close harmony with and obtaining the cooperation and professional support of naval officer, civilian scientific and analytic personnel. The specific requirements are: (a) Must be a graduate of a recognized school of engineering or science; (b) must have a thorough and detailed knowledge of the technical characteristics and general requirements of guided missiles, including fuzing/warhead and propulsion sub-systems; (c) must possess the managerial skills necessary to assist in planning, coordinating, and directing complex programs involving numerous independent organizations and laboratories; (d) must be capable of representing NAVSEASYSOM in dealings with technical experts from Navy laboratories, industry, and other activities, and also with management personnel in Naval Material Command, Naval Operations, and DoD (e) communicate effectively and have the ability to hold and lead conferences attended by diverse disciplined representatives of the many interests relating to guided missiles; (f) must have the flexibility and adaptability to deal with short deadlines, and provide specific recommendations to broadly defined requests.



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
Sunday	1100 to 1125
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	"Home" Discussion Groups and Youth Rallies
Contact Chaplain's Office for specifics	
JEWISH SERVICES	
EAST WING — ALL FAITH CHAPEL	
Sabbath Services every Friday	1930
UNITARIANS	
CHAPEL ANNEX 95 (Sept.-May)	
Sunday Services	1930

Warm, summer evening ideal time to try for limit of catfish at Lake Isabella

Those who'd like to spend one of these warm summer evenings constructively though not actively occupied might consider going catfishing at Lake Isabella.

There's no limit on the amount of yellow catfish that can be caught (provided that the fish are cooperative), and up to 20 channel or white catfish constitute a legal limit.

Best place for going after the ugly but delicious fish is around the edges of the lake as they head in after native insects and minnows. Hang a night crawler, sardine or clam on a hook and let it flow gently out to entice these fish.

Bass (limit 5) can also be found around the shoreline, but fish for these in daylight hours. They like the rocky edges and the submerged vegetation. Tube fishermen are doing better going after bass than those who are in boats because the level of the lake has dropped enough to make some of the better bass spots unavailable to boats.

Crappie and bluegill (no limit) like the water around submerged plants and trees,

Registration being held for hunter safety course

Registration will be held tonight, tomorrow morning, and also on Tuesday evening for the final hunter safety course to be offered this year by the Sierra Desert Gun Club.

Signups, which will take place in the lobby of the Ridgecrest police station, are scheduled tonight and Tuesday night from 7 to 9 o'clock, and also from 9 to 11 a.m. tomorrow.

A \$10 fee is payable at the time of registration for the hunter safety class, which will be limited to 50 students. This is the fourth such class offered this year by the Sierra Desert Gun Club.

The hunter safety course will be held on Saturday and Sunday, Aug. 22-23, from 8 a.m. to 1:30 p.m. at the local gun club's rifle and pistol range and clubhouse facilities, located on Sportsman's Road on the Naval Weapons Center. There will be approximately 11 hours of classroom instruction, including an hour-long written final examination.

In California, all first time purchasers of a hunting license must first successfully complete a training course in firearms and archery safety, sportsmanship, and game management and conservation that is taught by a California state-certified hunter safety instructor.

especially where the water is 15 to 30 ft. deep. All the crappie in the lake are descendants of 100 adult fish that were planted in 1955. They are fish eaters and compete with bass for food. Bluegills, although averaging only 6 to 8 ounces instead of the 8 ounces to three pound range for crappie, are preferred eating.

Trout can be found only in the deepest and coolest waters of the lake at this time of year. The Kern River, with an inflow to Lake Isabella of only 178 cubic feet per second, is too low and sluggish for trout fishing now, but some good ones are being caught on the river between Isabella and Bakersfield since the outflow is 1,016 cubic feet per second.

Plans to be aired for flag football, slow pitch softball

A meeting to discuss plans for the fall-winter season of slow pitch softball and flag football will be held Tuesday at 5 p.m. in the Joshua Room of the Community Center.

Paul Baczkiewicz, athletic director, urges representatives of teams interested in playing softball or flag football to be present in order that a determination can be made regarding the amount of interest that exists in these two athletic programs.

Some prospective players have let it be known that they would like to compete in flag football if it is going to be offered, but otherwise would turn their attention to softball.

Roster sheets for use by those interested in forming either softball or flag football teams will be distributed at the meeting.

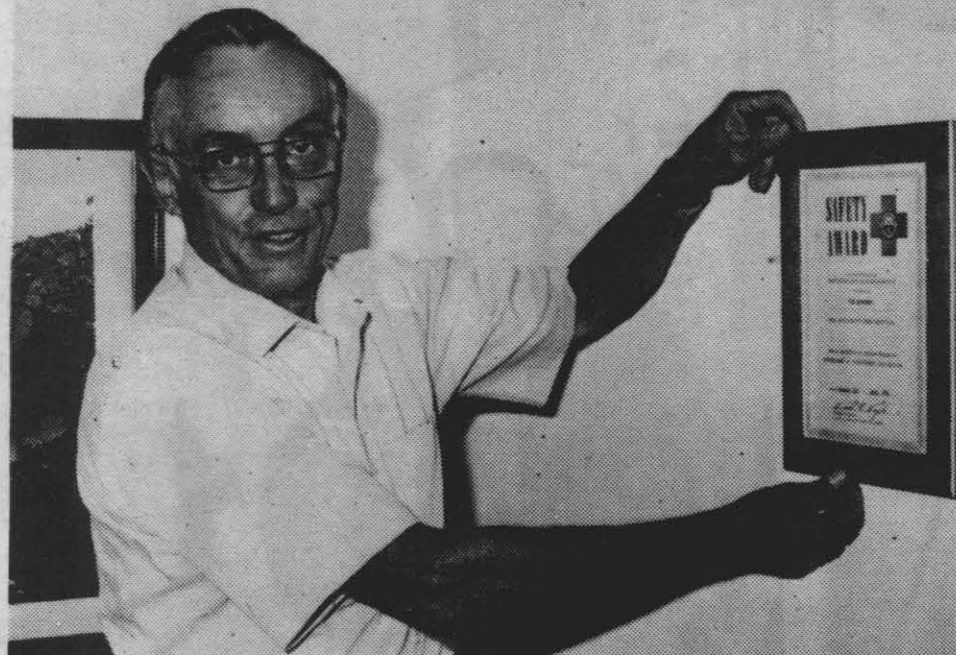
Final series of tennis lessons for youth slated

The final two-week session of tennis lessons for youth to be offered this summer will begin on Monday morning at the China Lake tennis courts.

This class, which will be taught by Margaret Archuleta, will be held from 8 to 10 a.m. on Monday, Wednesday and Friday from Aug. 17 through 28.

Instruction in forehand and backhand strokes, how to serve, and proper footwork will be stressed. Tennis rules also will be covered.

There is a fee of \$9 per student for the six lessons that will be held. The fee is payable at the time of registration, which is being handled at the Community Center.



SAFETY MILESTONE — Bob Boot, head of the NWC Fuze and Sensors Department, takes pleasure in displaying a safety award certificate in his office which denotes that Code 33 personnel have accumulated a total of two million man-hours worked without a lost-time accident. The period covered by this safety award was from February 1976 to January 1980. The safety award was presented to Boot by Capt. John Patterson, NWC's Chief Staff Officer, during a recent ceremony held in the Administration Building conference room. —Photo by Don Cornelius

Promotional opportunities

(Continued from Page 2)

requirements establishment, sensor hardware design and analysis of test and evaluation results. Job Relevant Criteria: Knowledge of passive wideband RF direction finding systems; radar system theory; test and evaluation methods; imbedded digital processor control of real time systems; software development of large operational and test programs; system analysis and simulation processes; ability to establish system requirements for sub-components such as antennas and microwave circuitry; receivers, analog and digital signal processing, computers and software; knowledge of the development of military specifications; ability to effectively deal with contacts across organizational lines and other government agencies; ability to effectively communicate both orally and in writing.

Announcement No. 38-024, Secretary (Typing), GS-318-4, PD No. 8138023, Code 3802 — This position is located in the Research Department office. Incumbent provides clerical support to the head of Staff and department secretary. Incumbent is responsible for maintaining department files and routing mail throughout the department. Serves as custody control point. Provides clerical support such as typing correspondence, keeping leave records and preparing time cards; maintaining personnel records for department; gathers background data for analysis by administrative staff. Job Relevant Criteria: Ability to perform receptionist and telephone duties; ability to review, control, screen and distribute incoming mail; ability to review outgoing correspondence; ability to compose correspondence and/or to prepare non-technical reports; knowledge of filing systems and files management; ability to train clerical personnel and organize work-load of clerical staff or processes; ability to plan and coordinate travel arrangements; ability to maintain and coordinate supervisor's calendar and to arrange conferences. Supplemental qualifications statement is required and may be picked up at the reception desk in the Personnel Department Bldg.

Announcement No. 33-017, Electronics Engineer, DP-455-3, PAC No. 8133530E, Code 3352 — This position is located in the Air-Launched Weapons Fuze Branch, Electromechanical Division, Fuze and Sensors Department. The incumbent will serve as an electronics engineer for assigned research and development programs in the areas of safety-arming devices and contact fuzing systems. The incumbent will design and develop electronic sub-assemblies, components and circuits for electromechanical fuzing systems and will perform field and laboratory tests and evaluate the technical progress of the proposed fuzing systems and/or major subassembly contractors. Job Relevant Criteria: Knowledge of electronic engineering fundamentals, specifically as they apply to digital electronics, microprocessors or analog circuit design; ability to interface and communicate effectively with personnel at comparable levels in government and in private industry.

Announcement No. 33-018, Electronics Engineer, DP-455-3, PAC No. 8133530E, Code 3352 — This position is located in the Standard Missile Ordnance Components Technical Office, Fuze Systems Division, Fuze and Sensors Department. Serves as technical staff engineer initiating and directing investigation of new concepts and application of new technology to fuzing systems for new missiles being developed in the Standard AEGIS family. Job Relevant Criteria: Knowledge and understanding of analog and digital electronic systems signal processing and analysis; basic understanding of microwave optical radar systems and countermeasures; ability to analyze missile end-game scenarios and to apply and evaluate computer analysis methods and results; effective in written and oral communication.

Announcement No. 35-037, Supervisory Electronics Engineer, DP-855-3, PAC No. 8133526E, Code 3541 — Position is located in the Radar Development Branch, Microwave Development Division, Electronic Warfare Department. The incumbent is the project manager and is responsible for the development of a major Electronic Warfare Radar Simulation System. In addition, the incumbent is responsible for technical direction and supervision, project planning, funding and schedule estimates, contract planning and technical intelligence analysis, and otherwise conducts efforts in order to carry out a development program. The incumbent will report administratively to head, Radar Development Branch. Job Relevant Criteria: Technical background in threat radar system design, development, test, evaluation and instrumentation; experience in project engineering and contractor involvement; ability to work with people and communicate clearly both orally and in writing; support of the Center's EEO policies.



MILITARY DIVISION CHAMPS — The Tigers, a team composed of military personnel assigned to the NWC Aircraft Department, are congratulated by Capt. J. E. Doolittle (at left), Commanding Officer of Enlisted Personnel, for winning the Military Division of the Ridgecrest Recreation Department's Slow Pitch Softball League. Members of the winning team, shown standing behind a table on which is displayed the trophies they received, are (front row, l.-r.) AE2 Chris Long, AE3 Randy Ruth, AMH3 Desi Latorre, AT1 Richard Oubre, and AT2 Robert Ross, and (in back row, from left) AM53 James French, AT3 Mike Lambert, AT3 Roy Kirk, SH2 Joe Schwartz, AQ3 Tony Musto, and AO1 Mark Constable. The Tigers won 11 out of 13 games — easily outdistancing the Rippers, who placed second with a season record of 6 wins, 5 losses and a tie. —Photo by Don Cornelius

The Rocketeer

Official Weekly Publication
Naval Weapons Center
China Lake, California

Captain Jude Lahr
NWC Commander

R. M. Hillyer
Technical Director

S. G. Payne
Public Affairs Officer

Don R. Yockey
Editor

Mickey Strang
Associate Editor

Beverly Becksvoori
Editorial Assistant



News Stories
Photographs

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 NAVSO P-35 revised May 1979. Office of Nimitz and Lauritsen. Information published in the Rocketeer does not necessarily reflect the official view of the Department of Defense. Information in The Rocketeer is authorized for public release by the Naval Weapons Center Public Affairs Officer, Code 003. 3354,3355



Signups for Youth Soccer League fall season begin Mon.

Registration for the fall-winter season of Youth Soccer League competition will begin on Monday and continue on weekdays at the Community Center through Friday, Sept. 11.

Signups will be handled daily from 8 a.m. to 1 p.m. and from 2 to 4 p.m.

Boys and girls in grades one through six are eligible to take part in the Youth Soccer League program, as are those in the seventh through ninth grades, who will be placed in a Junior High School Division.

There is a once-per-year youth sports registration fee that is a prerequisite for taking part in this or any youth sports program. Those who paid this fee in order to play soccer or compete in any other youth sports program earlier this year are covered for a 12-month period.

For others who haven't yet paid this fee, it is required at this time in order to join the Youth Soccer League program. The charge per youngster varies as follows:

Military dependents — one in family, \$6; two in family, \$9; three or more in family, \$12.

DoD civilian dependents — one in family, \$10; two in family, \$15; three or more in family, \$20.

Dependents of private citizens — one in family, \$12; two in family, \$18; three or more in family, \$22.

In addition to the above, there also is a \$10 charge per player for uniforms and equipment that will be used during the coming Youth Soccer League season.

In preparation for the start of league season on Sept. 26, there will be instructional clinics for players at Davidove Field on Aug. 22 and Aug. 29. Players in grades one through three are to assemble at 9 a.m. while the clinic for those in grades four through six will begin at 10:30 a.m. on both days.

Additional information on the Youth Soccer League season can be obtained by calling Elaine Mikkelsen at NWC ext. 2081.

IWV Youth Football League registration continues tomorrow

Registration for the 1981 season of Indian Wells Valley Youth Football League, which began last Saturday, will continue tomorrow and also be held on Saturday, Aug. 22, between 10 a.m. and 2 p.m. at Kelly Field on the Murray Junior High School campus.

Youngsters between 8 and 14 years of age are eligible to take part in youth football. Fees charged are \$30 for one player in a family, \$45 if there are two players from the same family, and \$50 for three or more youths from the same family.

In preparation for the start of practice for the 1981 season on Aug. 24, league officials have asked that anyone who has not turned in equipment from last season do so as soon as possible.

Equipment can be turned in at the time that signups for the 1981 season are being held, or arrangements to have it picked up can be made by calling any of the following persons after working hours: Wayne Doucette, ph. 446-6790; Charles Hill, 375-9564; Henry Blecha, 446-2346; or Judy Griffin, call either 446-5620 or 375-5852.

There will be a football clinic for all coaches and others interested in the youth football program at 9 a.m. on Saturday, Aug. 22, at the Training Center.

Youth Football League games, which will be played at Kelly Field, will start on Saturday, Sept. 19.

NWC military golfers tops in regional event

Military golfers from the Naval Weapons Center won first place in the open and senior divisions of the Southern Pacific Regional men's golf Northern Area eliminations held last week at the China Lake golf course.

Cdr. Jim Kincheloe, head of the Aircraft Department's Ordnance Division, captured the senior division (for golfers 40 years of age and over), with second place going to CWO3 Ron Decker, another China Laker.

Cdr. Kincheloe fired 18-hole totals of 79, 78, 77 and 78 for a 72-hole total of 312. His score of 77 was the lowest turned in by any golfers entered in this event.

Based on this, and a consistently good all-around performance on the golf links, Cdr. Kincheloe has been nominated for the all-Navy golf training camp that will be held



TOPS IN GOLF TOURNEY — Winners and runners-up in the Southern Pacific Regional Northern Area men's golf eliminations staged at the China Lake golf course are shown with the trophies they received for their efforts. They are (left to right) Marine Gunnery Sgt. Steve Mills, AGC David Grace, CWO3 Ron Decker, and Cdr. Jim Kincheloe. Mills and Grace placed first and second, respectively, in the open division, while Decker was second and Kincheloe won the senior division.

Post-season softball tourney won by Villains

The Villains, winners of the Men's National Division in the Ridgecrest Recreation Department's Slow Pitch Softball League, rebounded from a 1-run loss to ARCS and put together a string of five straight victories last week to win the league's post-season tournament.

On the final evening of the tourney, the Villains tangled twice with the up-until-then undefeated Renegades and put them away by scores of 13-10 and 11-10.

The Villains finished the four-day event with a record of 5 wins and 1 loss, compared to the 3-2 mark for the second place Renegades.

In this tourney between the top six teams in the men's slow pitch competition, Stare Montagne, a squad that had loped to a 14-4 record thus winning the American Division title during regular season play, was quickly eliminated by losing its first two tournament tilts, while the Villains were the victims of a 6-5 upset at the hands of ARCS in their first tourney clash.

Luck of the draw made it necessary for Stare Montagne to play two games on the second night of the tourney. SM lost them both by scores of 11-10 to the NWC Varsity and 12-9 to the Renegades.

Despite two home runs each by Bennie Williams and Dell Kellogg of Stare Montagne, the NWC Varsity squad knocked off the American Division champs by overcoming a 10-10 tie and scoring a single run in the last half of the seventh inning. Earlier in this contest, the NWC Varsity chalked up 5 runs in the fifth inning to set the stage for this upset victory.

In the Stare Montagne contest with the Renegades, the SM team had a 7-4 edge after five innings of play, but then gave up 5 unanswered runs to the Renegades in the sixth inning, and the latter team went on to post a 12-9 win. Home run hitters in this game were Greg Bell and Bennie Williams, with one each for Stare Montagne, and Mike Machowsky, with one for the Renegades.

All of this occurred on the same night that the Villains were surprised 6-5 by ARCS. In what was a low-scoring, defensive battle,

Aug. 25-29 at the Naval Station in Pensacola, Fla.

Purpose of the training camp is to select an all-Navy team to compete in the interservice golf championships that will be played Sept. 1-5 at Colorado Springs.

CWO3 Decker's score in the 4-day competition at China Lake was a 72-hole total of 332, as he turned in rounds of 82, 84, 82, and 84.

Both Cdr. Kincheloe and CWO3 Decker, as well as LCdr. Bob Pullen from Port Hueneme, qualified to take part this week in the senior division of the Southern Pacific Regional Golf Championships at the Naval Air Station, North Island (in the San Diego area).

Gunnery Sgt. Steve Mills, from the

Marine Corps Liaison Office at NWC, was the open division winner in the Northern Area Regional men's golf competition. G/Sgt. Mills carded a 72-hole total of 326 with daily 18-hole rounds of 82, 82, 83 and 79.

Second through fifth place in this event were won by golfers from Port Hueneme who, like G/Sgt. Mills, earned the right to enter this week's playoffs at North Island.

Runners-up in the open division from Port



SENIOR DIV. WINNER — Cdr. Jim Kincheloe (at left), who posted the lowest 18-hole total for the four-day event, accepts the senior division trophy from Capt. J. E. Doolittle, Commanding Officer of Enlisted Personnel. —Photos by Don Cornelius

Hueneme, and their 72-hole totals, were: AGC David Grace, 336; BUC Chuck Boyce, 343; EAC Richard Anderson, 348; and BUCS Carl Maxwell (350).

Sixth place in the open division was garnered by Marine M/Sgt. Al Garza, of NWC, whose score was 365, and UTC John Jacob of Port Hueneme came in seventh with 367.

The two teams were locked in a 3-3 tie at the end of five innings of play. The issue was then settled in the sixth frame, when 2 runs by the Villains were offset by 3 tallies by ARCS, and this turned out to be the final margin of difference in the game.

The leading hitter was Brandt Tunget, whose two hits in two times at bat for the Villains included a home run and a single. This defeat put the Villains in a must-win situation for the remainder of the double-elimination tourney, and the National Division winners came through with a pair of wins on Wednesday night, Aug. 5, over the Pizza Villa and NWC Varsity teams, whom they defeated by scores of 10-2 and 16-5, respectively.

These two wins set the stage for the tournament title-deciding clashes between the Villains and the Renegades on Thursday, Aug. 6, as well as a 13-3 win that same night by the Villains over ARCS.

A 2-run rally by the Renegades in the last half of the seventh inning nearly turned the

China Lake Soccer Club defeated 2-1 in overtime game played at Bishop Sunday

The China Lake Soccer Club dropped its second straight game of the current season last Sunday, losing in overtime by a score of 2-1 to Bishop in a game played at the Millpond Park field up north.

Two penalty kicks by Karl Kauffman, who plays a midfield position for the China Lake team, barely missed the mark — thus denying the local squad a possible tie or win.

Kauffman's first penalty kick eluded the Bishop goalie but struck the right post. Later, during the second half of the game, another penalty shot by Kauffman was just wide to the right of the goal.

Ten minutes into the game, Stuart Bryce, of Bishop, opened the scoring when he tapped a rebound into the China Lake goal from 16 yards out.

Bryce also tallied the game-winning goal with just a minute left to play in the overtime period as he unleashed a powerful blast

trick in the first of two games against the Villains, but the 'Gades fell one run shy — losing 11-10.

The third inning was the big one for both teams in this contest, as the Villains chalked up 6 runs, and the Renegades fought back by tallying 5. Heavy hitters in this contest were Randy Klassen and Ernie Bell, of the Villains, whose 3 for 3 and 3 for 4 efforts, respectively, at the plate included a home run, a double and a single for both men.

In the tourney championship clash, the Villains put the pressure on the Renegades by scoring 5 runs each in the second and fourth innings to move ahead 10-4. After that the Villains picked up a single run in the fifth and two more in the sixth, while the Renegades struggled unsuccessfully to overcome the Villains' lead by tallying 3 runs each in their last two turns at bat, but still came out on the short end of a 13-10 final score.

Scores of other games played in the post-season tourney were: ARCS 16, NWC Varsity 5; Renegades 16, Pizza Villa 5; and Renegades 14, ARCS 10.

from around the 20-yd. line that skimmed off the China Lake goalie's hands and barely caught the upper right corner of the goal.

The only score for the China Lake team was tallied after 80 min. of action, when Kauffman worked a give-and-go with Mario Gomez just over the midfield line in Bishop territory. Gomez slid the ball to Nader Kury, who was breaking for the goal from the right wing, and Kury booted the ball past the Bishop goal keeper. This tied the score at 1-1 and sent the game into overtime.

Both teams generated numerous scoring attempts all afternoon long. Bishop's scoring efforts were stymied in all except two instances by the fine defensive play of John Piri, Dave Tavares, Steve Lee and Ross Heimdahl of the China Lake team.

Failure of the China Lakers to capitalize on good scoring opportunities ultimately spelled defeat for the local team.

Convalescent hospital certificate of need gets state panel OK

Panelists sent here by the Central California Health Systems Agency (CCHSA) last Thursday night, Aug. 6, recommended approval of the Beverly Enterprises application for a Certificate of Need for the operation of a convalescent hospital in Ridgecrest.

This action by the six-member panel followed more than an hour of testimony presented by local area residents who strongly advocated the need for such a facility.

It was explained that the panelists, most of whom were from the Bakersfield area, could only recommend for or against the convalescent hospital that is planned as a part of the Heritage Village development.

HEARING WELL ATTENDED

In view of the capacity crowd that filled the Las Flores School auditorium for the hearing — the largest group of people those on the panel had ever seen in attendance at a meeting held for the purpose of reviewing an application — the panelists' decision was made easy by both the size of the group in favor of the project and the testimony given by those who testified to the hardships created by the lack of a convalescent hospital in the Indian Wells Valley.

Randolph Catt, of Beverly Enterprises, opened with a statement supporting the application in which he told something about the company's background — noting that it has been in the nursing home business for 18 years and now operates 350 such facilities at various locations around the United States.

Initial plans of Beverly Enterprises call for the construction and operation of a 59-bed convalescent hospital that can be increased in size to meet additional needs. Location of the nursing facility is to be on 2.5 acres of land just west of the Ridgecrest Community Hospital.

Information on the ratio of staff to patients and the training that is provided to staff members of Beverly Enterprises-

Incinerator . . .

(Continued from Page 1)

Public Works Department's air curtain incinerator by Don Mumford, and the team helped develop the correct angles for air flow into that facility to optimize its efficiency.

The Center's air curtain incinerator is located at the T-range burning area, where personnel from the Ordnance Logistics Branch of the Ordnance Systems Department fire it up roughly once each quarter to dispose of pep-contaminated paper and rags.

Achievement Medal was made by Capt. P. F. Hollandsworth, Commanding Officer of VX-5, during a ceremony that was attended by LCdr. J. C. Evans, officer-in-charge of Det Whidbey.

Navy Achievement Medal given to Lt. John Lanford of VX-5

By Ens. Susie Justice, VX-5 PAO Officer

The world of operational test and evaluation is unfamiliar to most people in the Navy. However, it is an extremely important part of the Navy's overall weapon system acquisition process.

The Commander Operational Test and Evaluation Force (COMOTEFVOR) and his subordinate agencies are tasked with determining the operational suitability of various weapon systems under contract with the Department of the Navy.

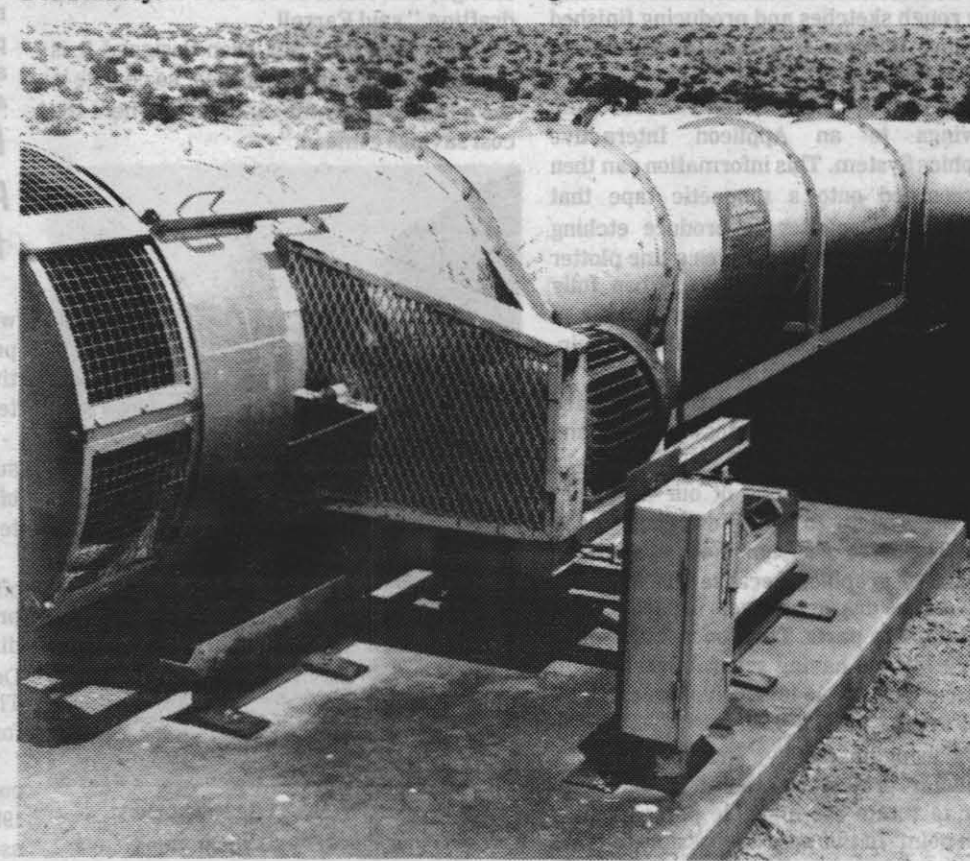
VX-5 Det Whidbey is one of the subordinate agencies of COMOTEFVOR. "The Det" is specifically tasked with testing and evaluating all EA-6B Prowler aircraft-related equipment.

Although the test and evaluation business does not receive a lot of attention, it is composed of many highly dedicated professionals.

Lt. John Lanford, of VX-5 Det Whidbey, recently received the Navy Achievement Medal for his dedication and expertise as an EA-6B operational test director. Reporting to "the Det" in June 1978 from Tactical Electronic Warfare Squadron 131, Lt. Lanford has worked on many EA-6B related projects, such as tactics development and electronic countermeasures equipment for the latest version of the Prowler aircraft.

His skill and professionalism as an electronic countermeasures officer are widely recognized. The awarding of the Navy Achievement Medal is recognition of his outstanding accomplishments.

Presentation to him of the Navy



VERY HOT FIRE — Extra air sent down the pipe under pressure produces a much hotter burn in the air curtain incinerator at Salt Wells, resulting in more complete combustion. —Photo by Don Cornelius

operated convalescent hospitals was provided by Tom Clark, executive vice president of the company's Wester Division.

Before the meeting was thrown open to statements and testimony by the public, the panel moderator asked all those present who favored the convalescent hospital to stand up, which the entire audience then did.

Only a few persons asked for the opportunity to present individual statements urging favorable action by the panel on the application of Beverly Enterprises for a Certificate of Need.

Mary Adler spoke first describing the many problems encountered caring for her elderly mother, who needs constant care and is now in a convalescent hospital in the Lancaster area — which means a 160-mile round trip every week for visits.

Cloyce Odom, administrator of the Ridgecrest Community Hospital, strongly endorsed the need for a convalescent care facility in Ridgecrest, as did Harold Hockett, mayor of the City of Ridgecrest.

MAYOR ADDS HIS APPROVAL

Mayor Hockett voiced his personal views on the subject based on problems he encountered trying to find care for his parents following injuries they suffered in an automobile accident, and then added his view on the subject as mayor and a member of the Ridgecrest City Council.

"It is imperative that we have a facility of this nature (convalescent hospital) in Ridgecrest," Mayor Hockett said, adding that the proposed location adjacent to the Ridgecrest Community Hospital is the best possible choice.

Ann Fanning, manager of the Social Security Office in Ridgecrest, commented upon changes in the local population that support the need for a convalescent hospital here. She stated that more people who work here feel it is their home and are remaining in the Indian Wells Valley after they retire. She supported this statement by giving figures that show a more than 175 percent increase between 1976 and 1979 in the number of local Social Security payment recipients.

HEADS ACTION COMMITTEE

Ms. Fanning is president of the Action Committee for Extended Care — the local group that conducted surveys and obtained signatures of residents who desire to see a convalescent hospital built in Ridgecrest.

In response to a statement about access to the convalescent hospital, Jim Gregory, developer of Heritage Village, displayed drawings of the development showing roads leading to the convalescent hospital site, and the location nearby of a 6-acre park that will be in a convenient spot for use of patients at the extended care facility.

A request was made from one member of the audience that Beverly Enterprises add rooms and beds necessary to care for psychiatric patients, while Rose Varga, founder of the Action Committee for Extended Care and highly involved in its efforts, informed the panel that the committee is not going to stop with a convalescent hospital.

"We need all kinds of extended care facilities here," Mrs. Varga said.

Reservations due today for ASPA lunch meeting

Today is the last day to call for reservations for next Tuesday's luncheon meeting of the American Society for Public Administration, which is to be held at the Commissioned Officers' Mess at 11:30 a.m.

The featured speaker will be Dr. Ross Clayton, who will speak on evaluating the performance of a laboratory. The annual Bjorklund Community and Management Innovator Award also will be presented.

Reservations may be made by telephoning Joan Crista, NWC ext. 3535; and Mickey Strang or Beverly Becksvort, NWC ext. 3354. Menu choices are chef salad or baked ham at a price of \$3.75 per person.



HAPPY OCCASION — Richard Gagliardi (I.), an electronics engineer in the Threat Evaluation and Development Branch of the Electronic Warfare Department, is congratulated by Bob Corzine, acting head of that department, on receiving a patent award for his work on Anti-ARM (Anti-Radiation Missile) Defense.

NWC firefighters help at fire by serving as helo crash crew

A fire burned approximately 1,450 acres in the Kern River Valley's Keysville area last week — scarring land but leaving structures unharmed.

The Naval Weapons Center Fire Division sent a crash truck with two firefighters to stand by during daylight hours in case of a helicopter crash. The request came from the Porterville Forest Service dispatcher for the Sequoia National Forest.

The crew from NWC arrived at the staging area in Uffort Park in Bodfish, where helicopters used in evaluating fire control progress and dropping water took off and landed. A crash rescue truck is required to stand by in case of a helicopter accident whenever Forest Service helicopters are involved.

The China Lake Fire Division sent two shifts of personnel consisting of a firefighter and an emergency medical technician along with the crash rescue truck to the staging in Bodfish. The first crew, composed of Lt. Larry Rizzardini and Don Jackson, a firefighter emergency medical technician, arrived in Bodfish early on Tuesday morning, Aug. 4. Lt. John Trigg and Randy Barr, firefighter emergency medical technician, arrived in Bodfish on Wednesday morning, Aug. 5.

Any missing, lost or stolen gov't property must be reported

A reminder on the requirement to report all missing, lost, stolen, or recovered government property to the Chief of Naval Operations (CNO) was issued this week by the NWC Safety and Security Department.

This is in accordance with SECNAVINST 500.4D and is mandatory in the case of all items of serialized and unserialized government property that are considered to be "sensitive," irrespective of their actual or estimated value.

If an item is believed to be missing, lost or stolen, it is important to report this matter immediately by contacting the Police Division, Code 241, phone NWCext. 3325.

If initial investigation by police confirms that the item cannot be located, and it was not misappropriated by another code whose personnel temporarily borrowed it without notification or approval, a report must be sent to the CNO with an information copy to the Chief of Naval Material and to the Naval Weapons Supply Center.

Depending upon the value or type of item, or the circumstances of its disappearance, an official investigation will be conducted by the China Lake police, the Naval Investigative Service, or the Federal Bureau of Investigation.

If the item is later located, a report must be sent indicating that the investigation has been closed and outlining the actions that were taken.

nician who made up the second ground crew, secured at 11 p.m. on Wednesday, Aug. 5.

The Forest Service in Porterville reports that the fire was partially contained by 8 p.m. on Tuesday, Aug. 4, and fully controlled by 5 p.m. on the following day.

Fire containment was hindered by gusting afternoon winds that spread flames from a "hot spot" in the southeast corner of the fire area.

This is the fourth support operation during the past two years in which NWC has been asked to cooperate with Forest Service fire fighters.



Fastest growing technology in engineering is computer drafting

"Anything that can be done on a drafting board can be done on a computer. Computer drafting is one of the fastest growing technologies in engineering," according to Kay Farrell of the Center's Interactive Graphics Facility.

"Our draftsmen are accustomed to taking very rough sketches and producing finished drawings that are in a form acceptable to NWC," she said.

They input information about the drawings to an Applicon Interactive Graphics System. This information can then be recorded onto a magnetic tape that drives a photoplotter to produce etching masters, or a tape that drives a line plotter to produce detailed drawings. When fully operational the system will be capable of operating numerically controlled equipment in NWC's machine shop.

But is it cheaper to use than standard drafting techniques? The answer is yes and no.

"A few years ago one of our designers used the system to make drawings for a gyro. The gyro was an ideal subject for interactive graphics because the movable parts can be drawn on levels separate from the stationary parts. This concept is similar to a viewgraph having several overlays. In our case we have 16 levels available to us," said Farrell.

"By using interactive graphics for this particular project we could ask the computer to rotate the movable parts about a given point. In this way it's possible to tell if there is any interference between parts.

"There were several areas where friction would have occurred and these areas would probably not have been found in the drawing

On desert, water is precious commodity; don't waste it

To a desert dweller, water is a commodity more precious than oil. Like oil, it is not a limitless resource, so it, too, needs to be conserved by everyone.

Four basic ways exist to save water: economize, repair leaks, install water-saving devices, and re-use water.

Economizing includes savings as large as those achieved by watering wisely and as small as just turning off a faucet while shaving or brushing teeth instead of letting the water run.

Yards should be watered when the plants need it rather than on a schedule. Water early in the morning or late in the day to get the maximum use of each drop.

A leaky faucet can drip away five or more gallons of water a day. A simple repair, such as replacement of a washer, can fix most leaks promptly.

Another saver of gallons of water daily is the installation of a water-saving shower head to cut or restrict the flow. Five gallons per day saved in the shower adds up to nearly 2,000 gallons per year.

Many communities have purified their water from sewage treatment plants so well that it can be used again by households and industry. Locally, treated water is used to keep the golf course green.

Assessments now due from GEBA, CLMAS members

Assessments are now due from members of the Government Employees Benefit Association (GEBA) and the China Lake Mutual Aid Society (CLMAS) following the recent death of Vincent Dussault. This is assessment No. 557.

The collection of assessments is being handled by Larry Mason, GEBA and CLMAS treasurer. The amount (\$1.80) can be mailed to Mason at P.O. Box 1559, Ridgecrest, CA 93555.

NWC employees interested in joining can obtain information on GEBA and CLMAS membership by calling Mason after working hours at 446-4794.

Handbook used for preparing PACs for technicians updated

The Classification Handbook, AdPub 256, was recently distributed for use in preparing and classifying Personal Activities and Capabilities (PACs) for technicians.

The handbook was distributed to all supervisors of technicians, as well as heads of staff in those organizations in which technicians are employed.

The handbook, dated July 1981, is the only official copy authorized for use. A preliminary copy of the handbook was distributed to all employees in the Demonstration Project training sessions. The preliminary copies should not be used for preparing and classifying PACs.

The "PAC Coding Sheet for Technicians" contained in the handbook and dated July 1981, is the only Coding Sheet that should be used in preparing PACs.

Further information on the Classification Handbook can be obtained by contacting department Personnel Management Advisors.

FAST GROWING TECHNOLOGY — Computer drafting techniques are demonstrated by Steve Skinner, electronics applications package developer for the Center's Interactive Graphics Facility.

Police reports . . .

Vandalism at a contractor's hut, located at 8th and Dewey Streets (a few blocks south of the Public Works Department compound), was reported last Friday morning to China Lake police.

Apparently lacking anything better to do, unknown suspects made their way into the fenced and locked compound and proceeded to dismantle a wall partition in a Butler hut occupied by a Navy contractor.

The incident, which resulted in damage estimated at \$150, occurred sometime between 7:30 p.m. on Aug. 6 and 6 a.m. the following morning.

VEHICLE STOLEN/ABANDONED

A government vehicle, stolen from the parking lot next to Navy Barracks 880 sometime between midnight and 1:30 a.m. on Tuesday, was recovered later that same morning.

The vehicle had been abandoned after it became stuck in the sand at a location east of Richmond Road in the vicinity of Langley Street.

The keys had been left in the ignition of the vehicle when it was parked next to Barracks 880.

SCHOOL WAREHOUSE BURGLARY

Burglary of a warehouse at Murray Junior High School was reported last Friday morning to China Lake police. The incident occurred sometime between 4 p.m. on Aug. 6 and 7 a.m. the next day.

A prowler removed a piece of plywood used to cover a window in the warehouse, and climbed in through the window. Nearly 50 blank cassette tapes valued at \$52 were stolen.

BREAK-IN ATTEMPTED

Shortly before noon on Monday, employees at Murray Junior High discovered an attempt (made over the past weekend) to break into the school's maintenance warehouse. A side window was broken and an attempt was made to pry a lock off the door. Damage was estimated at \$50.

SHELTER FENCE DAMAGED

Two dogs were released or stolen from the animal shelter at the Naval Weapons Center by unknown persons who tore open a section of chain link fencing on one of the animal cages. Amount of the damage as a result of this incident of malicious mischief, which was reported Tuesday morning to China Lake police, was estimated at \$60.

AUTO PARTS STOLEN

Theft of a distributor cap and spark plug wires from an Air Force vehicle was reported Tuesday morning to China Lake police by an Air Force man who is on travel at NWC. Value of the missing items was set at \$30.

Handbook used for preparing PACs for technicians updated

The Classification Handbook, AdPub 256, was recently distributed for use in preparing and classifying Personal Activities and Capabilities (PACs) for technicians.

The handbook was distributed to all supervisors of technicians, as well as heads of staff in those organizations in which technicians are employed.

The handbook, dated July 1981, is the only official copy authorized for use. A preliminary copy of the handbook was distributed to all employees in the Demonstration Project training sessions. The preliminary copies should not be used for preparing and classifying PACs.

The "PAC Coding Sheet for Technicians" contained in the handbook and dated July 1981, is the only Coding Sheet that should be used in preparing PACs.

Further information on the Classification Handbook can be obtained by contacting department Personnel Management Advisors.

TD Award to McManis . . .

(Continued from Page 1)

Vector capability (an urgent Fleet requirement) into the basic program late in the development cycle, without jeopardizing the Harpoon portion of the A-6 weapons system software, Marquardt also added.

McManis had a leading role in performing the final validation effort that permitted the early demonstration of the A-6 Harpoon integrated weapon system. This effort was particularly significant since, under direction of the Chief of Naval Operations, the total integration program was, on short notice, accelerated by one year.

During the final validation efforts, McManis and his co-workers found several major deficiencies. Changes necessary to correct the defects were accomplished with a minimum impact on the reduced timetable for accomplishing the job, thanks to the efforts by McManis, to design, implement and test these modifications.

McManis joined the work force at the Naval Weapons Center in October 1974, following a seven-year stint at the Naval Weapons Laboratory (now the Naval Surface Weapons Center) in Dahlgren, Va.

While there he had his first contact with work on software for the A-6 aircraft and also was involved in other work that was undertaken by the laboratory's Exterior Ballistics Group.

A graduate of Bradley University in Peoria, Ill., with a bachelor of science degree in physics in 1965, McManis was employed for two years at the Naval Ordnance Station (NOS) in Forest Park, Ill., before moving on to Dahlgren. At NOS, he was a member of an engineering group that

worked on the fire control system for the MK 37 torpedo.

During his first three years at NWC, McManis worked on the Angle Rate Bombing System with other personnel of the Avionics Analysis Branch in the former Weapons Development Department.

He has been involved since early 1977 in the design and development of A-6 aircraft weapons systems software.

Enrollment open in course offered in Basic Russian

Enrollment is now open in a course in Basic Russian that will be offered at the Training Center beginning on Monday, Sept. 14.

This course, which is to be taught by Bill Manatt, a member of the faculty at Burroughs High School, has been scheduled on Mondays, Wednesdays and Fridays from 4 to 5 p.m. during the period from Sept. 14 through next Feb. 5.

Speaking of Russian will be minimized, and writing will be required only to demonstrate an understanding of grammar. Later in the course, students will apply their knowledge to the translation of excerpts selected from a broad range of Soviet periodicals.

Employees interested in attending this class must submit a training request and authorization form via department channels in time for it to reach Code 094 by next Friday, Aug. 21.

365 summer employees aboard Naval Weapons Center

The Naval Weapons Center offers a good opportunity for students to earn money and to ease into the work force on a temporary basis during the summer months.

Three hundred and sixty-five summer employees are now on board as part of the Federal Summer Program, which began on May 13 and will continue through Sept. 30. This is an increase of 68 employees over last year.

Most Department of Defense activities sponsor a summer program and NWC is one of the largest employers of summer hires who carry out work here on a temporary basis.

Over 1,300 applications were received from 820 persons by Tina Rockdale, summer employee program coordinator. Out of this number, 365 (or 44 percent) of the applicants were selected to be a part of the Federal Summer Program at NWC.

In December of last year, a request was sent to all departments to find out how many summer employees were needed in 1981. It is the responsibility of each department to have meaningful work for the summer employee to do and to have the money to



SMILING SECRETARY — A senior at Burroughs High School, Jacqueline Crawford is a summer aid working in Code 333. Tina Rockdale, summer employee program coordinator, says that Ms. Crawford is doing the work of a branch secretary. This is her first summer working on Center.

cover the wages of their employees. There is no limit to the number of employees a department can hire.

Out of the 365 workers, 22 are summer



SMILING SECRETARY — A senior at Burroughs High School, Jacqueline Crawford is a summer aid working in Code 333. Tina Rockdale, summer employee program coordinator, says that Ms. Crawford is doing the work of a branch secretary. This is her first summer working on Center.

professionals hired at the GS-5 level or higher. Summer professionals are either faculty members or applicants who possess a degree or relevant experience.

Most faculty members participating in this program are from local educational institutions. They are hired in administrative and technical positions.

A total of 176 persons are employed as GS-2 through -4 clerks or clerk typists, and another 112 are working in non-clerical positions such as engineering, computer programming, mathematics, physical science, chemistry, or recreation aids and lifeguards.

The Center also employs 55 summer aids whose salary is set at the minimum wage. Some of the summer aids work in clerical positions and others gain experience in work centers where they are trained in various trades they can use later in life such as work in plumbing, painting, carpentry or auto



RECEPTION HELD — Dr. Peggy Rogers, who recently received the Department of Defense Distinguished Civilian Service Award, is congratulated by Bob Hillyer, NWC Technical Director, during a reception held in her honor this week. Her medal and citation were on display to enable her many friends to see them.

Aviation officer continuation pay funded

Congressional approval and funding for aviation officer continuation pay (AOCP) have been received with payment authorized effective July 1.

It will provide for a maximum payment of up to 16 months of basic pay (four per year) for those pilots and NFOs with six but less than nine years of aviation service and reduced payments for aviation officers with

over nine and less than 17 years of aviation service who enter into a contractual agreement for additional obligated service.

Those who have six but less than 16 years of aviation service may apply for AOCP to Commander Naval Military Personnel Command (NMPCC-432) via their commanding officer. Message applications are authorized from officers in deployed units.

mechanics work centers. A large number of summer aids are employed in the Public Works Department.

The summer aid program is only for economically disadvantaged youths. Applicants for the summer aid program must be between 16 and 21 years of age and cannot be the son or daughter of a Navy employee (civilian or military).

Those eligible for the clerical, non-clerical and summer professional programs must be at least 18 years of age or a high school

graduate, and must be a United States citizen.

If summer employees are currently working at the Center, or have in the last few years and are interested in working again next summer, they are considered reinstatement eligibles and must reapply for rehire.

Photos by Ralph Halcomb

Every year a summer employee must file a SF171 form by the deadline to be con-

graduate, and must be a United States citizen.

If summer employees are currently working at the Center, or have in the last few years and are interested in working again next summer, they are considered reinstatement eligibles and must reapply for rehire.

Every year a summer employee must file a SF171 form by the deadline to be con-



WORKS WITH COMPUTERS — Amanda Altieri is spending her summer working at the Calibration Laboratory. She is shown doing data base updates and changes with a computer. An aerospace engineering major at San Diego State University, Ms. Altieri will be entering her freshman year in the fall.

want a summer employee who worked on Center previously since the particular job requires a secret clearance, and new hires are not eligible for secret security clearance.

The objectives of this summer employment program benefit both the Center and the summer employees.

According to Ms. Rockdale, one of the objectives of this program is to provide an opportunity for college students to work with the people, projects and facilities at NWC. Students in the scientific, engineering and computer programming fields may consider working at NWC after their experience in the summer employment program. This serves a recruiting function, and also provides an opportunity for students to gain useful and meaningful work experience.

Information about employment next summer will be out sometime after November.

—By Beth Payne