



Camie Fielder now heads Enrichment Program

After receiving a master's degree in child development from Chico State, Camie Fielder has returned to NWC's Children Center to work full time. Mrs. Fielder has been receiving experience at the Children's Center whenever she had time to spare from her studies since 1982.

Mrs. Fielder was born in Ridgecrest and describes herself as a "real native." Formerly Camie Johnson, she married another native of Ridgecrest, Russel Fielder about five years ago. She and her husband like the surrounding community and don't plan on leaving the area in the near future. "Both families are here; it's home for us," she said.

Mrs. Fielder will be in charge of the Children Center's Enrichment Program held yearly, from September until June. The Enrichment Program has development classes for children three to four years of age. Designed to help prepare children for kindergarten, the program involves work on academic readiness skills and social development. Hours for the morning programs are 7:30 to 11:30. The program for three year olds will be two days a week and will cost military personnel \$40.80 a month and DOD personnel \$50.40 per month. Four year olds will be able to go three days a week for a monthly fee of \$58.15 for military and \$68.35 for DOD personnel; or five days a week for a monthly fee of \$98.95 for military and \$118.75 for DOD personnel.

Mrs. Fielder says the Enrichment Program is basically a preschool program, but she has lots of ideas she would like to implement.

Primarily, Mrs. Fielder would like parent participation. She feels there is more reaction by the child if the parent can be part of the learning process. To help facilitate this reaction, Mrs. Fielder hopes to have parents come in and work during the preschool hours.

Another reason to get parents involved with the children's school activities is so parents will know what the children are doing during the day. According to Mrs. Fielder, some children have difficulty communicating what they did or learned during school hours. When asked, they often say "nothing" or they say they played all day. Mrs. Fielder feels it is important parents understand that playing is important in the learning process. Children learn

while they play and the parents will be able to view this first hand while they are being a part of the learning process, said Mrs. Fielder.

She plans on setting up a variety of different environments each day before any children are due to arrive; for example, blocks will be in one section, books in another section and musical items will be in another section. This will enable the children to come in and be able to pick what interests them the most, said Mrs. Fielder. She would also like to have a tracking system in order to observe what each child does. If one continues to react with just one activity, then Mrs. Fielder will know the child needs motivation to check into the other activities.

Her philosophy is "I am not a teacher. The children learn not because I teach, but because I provide the environment in which they learn."

To register or for more information about the Enrichment Program, contact Polly Ferraro at NWC ext. 3913 or Debbie at NWC ext. 2926.



"Unlocking the Universe," one of the videos of the television series "The Great Space Race" will be shown at Monday's meeting of the China Lake Astronomical Society. The meeting will be held at 7:30 p.m. at the Ridgecrest branch of the Kern County Library, 131 East Las Flores in Ridgecrest.

All interested persons are invited to attend the meeting to see what has been learned from the exploration of the moon and planets and from spaceborne astronomical observations.

Everyone of all ages is invited to attend the Country Fair to be held at Solar Park on Saturday, Aug. 9. Sponsored by the Youth Activities Branch of the Recreational Services Department, the fair features games, pool activities, exhibits and refreshments.

Game coupons for the booth games (which give exciting prizes) are only \$2.50 for a packet of 20.

Ceramic items being sold at reasonable prices by the Craft/Hobby Branch would also make a good beginning to the presents being tucked away now for Christmas giving later this year.

BOSS (Black Original Social Society) is sponsoring a bus trip to Las Vegas that begins at 4 p.m. on Aug. 8, with the bus returning at 6 p.m. Aug. 10. A fee of \$73 per person covers cost of the bus transportation, refreshments and two nights (double occupancy) at the Sundance Hotel in downtown Las Vegas. Cost of meals will be separate.

More information about the trip can be obtained from Willie Edwards at NWC ext. 2514 or 2032.

Reservations are needed by August 6 for the Mongolian Barbeque being held from 6:30 to 9:30 p.m. at the Commissioned Officers' Mess on Friday, August 8. Cost for this treat is 40 cents an ounce for club card holders and 45 cents an ounce for guests. Reservations may be made by calling 446-2549.

Impressions and Country top hits will be the entertainment by The Gregg Coad Band tonight at the Enlisted Mess from 9 p.m. until 1:30 a.m. Be sure to come over and enjoy the fun!

Disco to the music of the Soundwaves this Wednesday, August 6, at the Enlisted Mess. Music will be provided from 8 to 11:30 p.m.

Enjoy a prime rib dinner or a white fish dinner special at the Chief Petty Officers' Mess tonight. Dinner is served from 5:30 until 9 p.m.

Authorized patrons and guests are reminded that tomorrow night (August 2) is the Indian Wells Valley Chief Petty Officers' Association's "Shipwreck Party" at the Chief Petty Officers' Mess. This "come as you are" event begins at 6 p.m. and will last until at least 1 a.m. For more information, contact the CPOM at NWC ext. 3633.

Talent sought by orchestra

Positions of concertmaster/mistress and assistant concertmaster/mistress are open for the Desert Community Orchestra's 1986-87 season, and orchestra members are also being sought.

The Desert Community Orchestra's season includes an October 4 "pops" concert; a November 23 concert featuring pianist Gayle McComb-Blankenburg; an organ concerto concert January 21 featuring Shirley Helmick; a March 15 concert featuring the winners of the Peter Pinto Scholarship; and a May 3 concert with a cello soloist.

Works that will be played this year include "The Sound of Music;" selections from "Cats;" Mozart's Piano Concerto No. 20; Haydn's "Surprise Symphony;" Mozart's "Eine Kleine Nacht Musik;" Ravel's "Bolero;" and Saint-Saens' Cello Concerto.

Rehearsals are Monday evenings from 7 to 9 p.m. and run from September through May.

Anyone interested in either of the positions open should be able to mark bowings and fingerings and should be able to communicate with both the conductor and performers, as well as attend all rehearsals and concerts. A salary is negotiable for the position of concertmaster/mistress.

Applicants for either of the positions should send a letter of application to the DCOA, P.O. Box 1988, Ridgecrest, CA 93555 by August 12 and should be available for an interview between that date and September 8. An audition will not be required.

Further information about the positions or the orchestra can be obtained by telephoning Beaujorn Schull, 446-5128; Fran Rogers, 375-4271; Gordon Wilcher, 446-2060; or Debra Veit, 446-3826.

Movies

FRIDAY	"AGNES OF GOD"	AUGUST 1
	Starring Jane Fonda and Anne Bancroft (Drama, rated PG-13, 99 min.)	
SATURDAY, MONDAY	"SWEET LIBERTY"	AUGUST 2, 4
	Starring Alan Alda and Michael Caine (Comedy, rated PG, 107 min.)	
SUNDAY	"PRETTY IN PINK"	AUGUST 3
	Starring Molly Ringwald and Harry Dean Stanton (Dramatic Comedy, rated PG-13, 97 min.)	
TUESDAY	MATINEE "ENCHANTED JOURNEY"	AUGUST 5
	(Animated, rated G, 84 min.)	
WEDNESDAY	"TWICE IN A LIFETIME"	AUGUST 6
	Starring Jean Hackett and Ann Margaret (Romantic Drama, rated R, 111 min.)	
THURSDAY	MATINEE "ROMANCING THE STONE"	AUGUST 7
	Starring Michael Douglas and Kathleen Turner (Adventure/Comedy, rated PG, 106 min.)	
FRIDAY	"WILD CATS"	AUGUST 8
	Starring James Keach and Goldie Hawn (Comedy, rated R, 106 min.)	

Starting Times: Matinee / 2:00 pm Evening / 7:00 pm
Box Office Opens: Matinee / 1:30 pm Evening / 6:30 pm

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

Concerts slated at Mammoth

More than one-third of the musicians playing in the Eastern Sierra Symphony Orchestra at the Sierra Summer Festival at Mammoth Lakes next week are from Indian Wells Valley.

The orchestra will play at 6:30 p.m. on August 9 at the festival stage of Shady Rest Park at Mammoth. Ticket information is available at the Mammoth Lakes Resort Association at (619) 934-2712.

Theme of the evening's concert is "Nature in Symphonic Music." Conductor for the evening's performance is Bogidar Avramov, under whose skilled baton the 24 local musicians and those from other Eastern Sierra communities will play works by Vivaldi, Smetana and Beethoven.

In addition to the Friday concert, several local musicians will play in a woodwind ensemble during the Wednesday night chamber concert, which will be held at 8:30 p.m. at Mammoth's Lutheran Church.

The Sierra Summer festival continues for two more weeks after the symphony concert. The weekend of Aug. 16 will feature a folk and country music concert, as well as "Ishi," a musical drama based on a historical California Indian. Tributes to Elvis Presley and Buddy Holly will be featured on Aug. 22 and 23, as part of the "50s Weekend."

NEX News

Now's the time to get ready for school — and to take advantage of the marvelous bargains offered by the Navy Exchange retail store for its patrons. The Back to School Sale continues until Aug. 17.

A big sidewalk sale has been underway since yesterday and will run through tomorrow. (No, the sidewalk is not for sale.)

NEX patrons are reminded that they can use both Visa and Master-Charge to make their purchases. Cash is also welcome.

U.S. Government Printing Office: 1986 — No. 40016

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Capt. Robert Dropp new NWC Director of Supply

Capt. Robert A. Dropp has succeeded Capt. Norman Hensley as the Naval Weapons Center's Director of Supply. Capt. Dropp reports to China Lake following a tour as Commander, Defense Industrial Plant Equipment Center in Memphis, Tenn.

"I've been impressed with the quality and competency of people in the Supply Department and in the codes we serve," commented Capt. Dropp. He said he was also impressed with the friendliness of people both on base and in town.

The new supply director is a 1960 graduate of the U.S. Naval Academy and has also earned a masters degree in Computer Systems Management from the Naval Postgraduate School in Monterey.

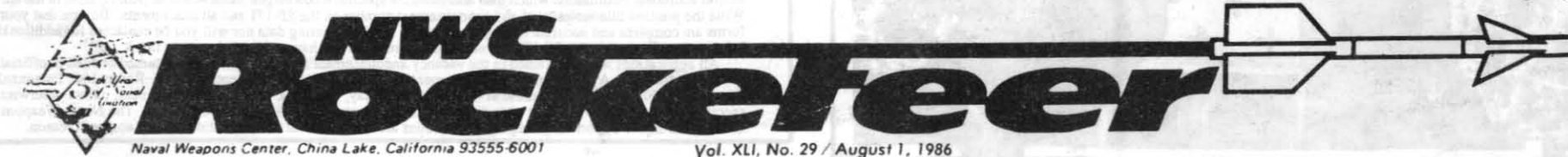
Capt. Dropp said his previous assignment had been unique in that the facility was responsible for repair and rebuilding of industrial plant equipment for all the Department of Defense. He noted there is virtually nothing man-made that hasn't been touched, at some point, by industrial plant equipment.

The NWC Director of Supply position incorporates a lot of different disciplines

Capt. Dropp has been associated with during his 26-year career, including contracting, automated data processing, warehousing, aviation supply and food service. He said the primary goal during his tour will be to "provide the best service possible to the Center."

Other previous assignments for Capt. Dropp include:

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Life of parachute canopies extended after NWC tests

Parachute canopies used by Naval aviators now have a 10-year service and 13-year total life, thanks to more than two years of testing by NWC's Aerosystems Department Textiles Engineering Branch. This three years of added life will result in initial savings of more than \$4 million according to Richard Hunter, manager of the Parachute Service Life Extension Program, and Art Karrer, head of the Textiles Engineering Branch. They estimate the Navy would realize about \$300,000 a year savings in reduced life cycle costs, after the initial savings.

The initial seven year service and ten year total life standards for parachute

canopies were established after World War II and were based on data obtained when nylon personnel parachutes were used to replace silk and cotton personnel parachutes during the war, Hunter said. Very little scientific data was found to support these age limits, according to Hunter.

Unlike silk and cotton, nylon fabrics are not subject to attack by insects and mildew. Nylon is damaged by ultra-violet light. However, its exposure to ultra-violet light is limited since emergency egress parachutes are used only once and they are otherwise exposed only when they are unpacked for inspection or modification.

In addition, data from the Navy Maintenance and Material Management (3M) Program showed that becoming overage was the only reason 92 percent of the canopies were removed from service. Because of these facts, parachute experts had come to the conclusion that substantial savings could be made by extending the existing service and total lives to their maximum safe value.

In 1983, the Navy established the initial program to determine, statistically, sound service and total lives for personnel parachutes. The program became a joint Navy and Air Force effort in 1984. During the test program development in 1983, Hunter and Karrer recognized that a statistically sound program would require large numbers of tests, making the program excessively expensive. Test requirements were reduced by eliminating (or minimizing) all variables affecting reliability, except age. The effect of age on the damage susceptibility of parachute canopies and the effect of damage on the canopy steady-state descent rate were used to measure reliability.

Parachute drops from aircraft would have provided the required test data, but the costs would have been excessive. Therefore, Hunter developed the dual state test procedure as a low-cost alternative to aircraft drops. One stage of the dual stage procedure consists of stressing the test parachute canopies by subjecting them to high-speed, controlled openings. The other stage consisted of accurately measuring the descent rate of canopies before and after the stress tests.

The key factor in the parachute canopy stress test was to ensure test canopies were subjected to the same loads. To achieve this, each parachute canopy had to open in a regular manner at the same speed. This was done by using a stable cylindrical test vehicle to replace the unstable torso dummy as the suspended load and using a split apron control device on the canopy mouth to simulate a "lines first" parachute opening.

Hunter's original plans were to perform the parachute stress tests at Aerosystems Whirl Tower test facility at El Centro. At this facility, the drop and parachute canopy opening speeds are controlled by adjusting

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EARTH RUPTURE — The Center's Geoscience Research staff were the first geologists to locate cracks in the earth made by the July 21 quake north of Bishop.

Center geologists examine damage after July 21 quake

Less than an hour from the time that a Richter magnitude 6.1 earthquake rolled through the Chalfant Valley north of Bishop, NWC's Applied Geoscience Research team was on its way north to the scene of the event.

Such investigations are of importance to the Center and the Navy because the more that can be learned about how earthquakes work and the fault rupture process occurs, the better preparations can be made for the quakes that will inevitably occur in the Indian Wells Valley and other locations where Navy facilities exist.

Since the U.S. Geological Survey had not yet set up a command post for arriving geologists to help investigate the seismic event, Drs. Glenn Roquemore and John Zellmer headed first to the small town of Chalfant in the Chalfant Valley to examine damage to buildings and mobile homes in that community.

They found that, while in Coalinga (the site of a previous investigation following the 6.7M quake experienced there on May 2, 1983) foundations used for mobile homes were basically standard piers, in the Chalfant area, a variety of foundation materials were used.

Where piers actually were used, often the mobile home was not tied to the foundation and fell from its piers. In other cases, mobile homes had been placed on cinderblocks — sometimes even two or three cinderblocks high, with no grouting between the blocks — and the mobile units either fell off the blocks completely or the blocks were crushed. Orientation of the mobile homes (whether they were in line with the movement of the quake or not) apparently didn't matter.

Other damage in the Chalfant community, approximately 12 miles north of Bishop on Highway 6, came in the form of interior damage.

Dr. Roquemore adds that this is the kind of damage that would also be extensive in any quake that is apt to occur in the local

area. Shelves in stores (and homes) were empty of their contents, unattached bookcase or shelving fell over, some false ceiling came loose in whole or in part, anything or walls not firmly attached fell off, dishes fell from cupboards, windows broke and glass shards scattered. That only minor injuries were reported from the quake was remarkable, the two Center geologists added. Probably the low injury rate was due to the time of day of the event, they felt.

Other damage from the quake were to roads (such as the Pleasant Valley Road leading from Highway 395 to the Owens River), downed telephone poles near Big Pine and power lines in the Chalfant Valley and Bishop area.

Later Monday Drs. Roquemore and Zellmer stopped by the Emergency Operations Center and then headed off to join the search for ruptures in the earth caused by the quake.

Dr. Roquemore explains that of primary value to geologists currently is the study of the fault rupture process — how the earth breaks open during a quake. "We need to know what can be expected," he adds, "since so far all we know is that the rupture process varies with the fault type, the magnitude of the quake, the terrain where the quake occurs and the amount of fault slippage."

Both geologists are well acquainted with the White Mountain fault zone area because it is within the area of interest at the University of Nevada where both graduated, so they had an idea where to start looking. Their idea paid off: they were the ones to locate the area of fault rupture.

"It's practically a textbook situation," Dr. Roquemore enthuses. "The rupture zone we found is about two kilometers in length and shows right lateral slip." The fault zone is on the front of the White Mountains near Paiute Creek.

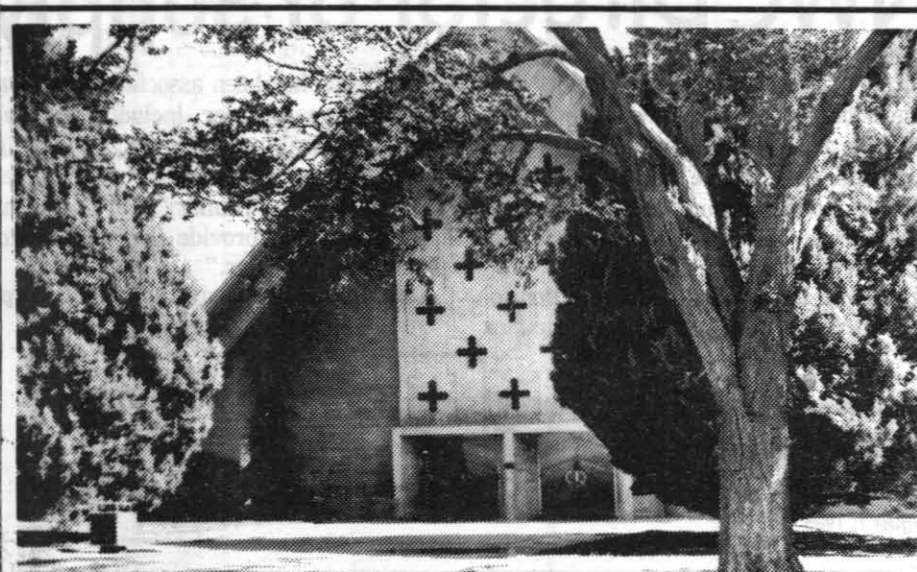
Since daylight was waning, they spent the

(Continued on Page 7)



	Max	Min	Peak Gust
Fri.	96	60	21 knots
Sat.	98	60	19 knots
Sun.	98	61	16 knots
Mon.	97	62	22 knots
Tues.	103	59	13 knots
Wed.	106	61	12 knots
Thurs.	108	63	12 knots

All measurements are made at Armitage Airfield.



Divine Services

PROTESTANT	
SUNDAY WORSHIP SERVICE	10:30 a.m.
SUNDAY SCHOOL (Annexes 1, 2, 4, and the East Wing)	9 a.m.
BIBLE STUDY (East Wing)	
Wednesday 11:30 a.m.	Sept. through June
Thursday 7:00 p.m.	Officer's Christian Fellowship
	Christian Military Fellowship
	ROMAN CATHOLIC
SUNDAY MASS	9:00 a.m.
CONFESSIONS (Sunday)	8:15-8:45 a.m.
COMMUNION SERVICE (Monday)	11:35 a.m.
DAILY MASS (Tuesday through Friday)	11:35 a.m.
CONFESSIONS (Friday)	4:30-5:00 p.m.
RELIGIOUS EDUCATION CLASSES (Sunday) Sept. to May	10:30 a.m.
JEWISH	
WEEKLY SERVICES (Friday, East Wing)	7:30 p.m.
ADULT EDUCATION (Saturday, Annex 4)	9 a.m.
RELIGIOUS SCHOOL (Sunday, Annex 4)	1 p.m.
Chaplain J. Milton Collins, Capt., CHC, USN	
Chaplain A. J. Smith, Cdr., CHC, USN	
Hearing impaired equipment available. Nursery available.	
Phone NWC ext. 3506, 2773	

REASSIGNMENT OPPORTUNITIES

This column is used to fill positions through reassignment only. For this reason, the Reassignment Opportunity Announcements are separate from the Promotion Opportunities column in the Rocketeer. Applications will be accepted until the date stated in the announcement. Employees whose work history has not been brought up to date are encouraged to file an SF-171 or 172. All applicants must meet minimum qualification requirements established by the Office of Personnel Management. Information concerning the recruitment and placement program and the evaluation methods used in these reassignment opportunities may be obtained from Personnel Management Advisors (Code 096 or 097). Applications should be filed with the person whose name is listed in the announcement. The Naval Weapons Center is an Equal Opportunity Employer.

No. 32-215, General Engineer, DP-801-1/2/3, Code 3261 — Will be working in the areas of warhead technology projects, insensitive munitions development and application and full scale warhead development for specific missiles. Responsibilities will depend upon current DP level, areas of interest, development experience and Branch projects. Previous experience/exposure to warheads, ordnance components and devices is desirable. Promotion potential to DP-3. To apply, send an updated SF-171 to Norm Fasig, Code 3261, NWC ext. 7282.

SECRETARIAL OPPORTUNITIES

This column is used to announce secretarial positions for which the duties and job relevant criteria are generally similar. Secretaries serve as the principal clerical and administrative support in the designated organization by coordinating and carrying out such activities. Secretaries perform numerous tasks which may be dissimilar. Positions at lower grades consist primarily of clerical and procedural duties and, as positions increase in grades, administrative functions become predominant. At the higher levels, secretaries apply a broad knowledge of the organization, its objectives and lines of communication. Depending on grade level, typical secretarial duties are implied by the job relevant criteria indicated below.

Applicants will be rated against 4 or more of the following job relevant criteria: (1) ability to perform receptionist and telephone duties; (2) ability to review, track, screen and distribute incoming mail; (3) ability to review outgoing correspondence; (4) ability to compose correspondence and/or prepare non-technical reports; (5) knowledge of filing systems and files management; (6) ability to meet the administrative needs of the office; (7) ability to train clerical personnel and organize workload of clerical staff processes; (8) ability to plan and coordinate travel arrangements; (9) ability to maintain and coordinate supervisor's calendar and to arrange 12/3/4/5/8/9. A SUPPLEMENTAL FORM IS REQUIRED AND MAY BE OBTAINED IN ROOM 100 OF THE PERSONNEL BUILDING.

No. 32-216, Secretary (Typing), GS-318-4/5, Code 325 — Provides secretarial support to the Process Systems Division. Promotion potential to GS-5 but not guaranteed.

No. 35-046, Secretary (Typing), GS-318-4/5, Code 351 — Incumbent provides branch level support. Experience with the Xerox 860 and the Star is desirable. Promotion potential to GS-5. Previous applicants need not reapply.

CSUN advisor to administer Writing Proficiency Exam

Dr. Jagdish Prabhakar of Cal-State University Northridge will be on-Center August 14 to advise current and prospective students in the external degree programs offered by the school.

Cal-State University Northridge has external degree programs in electrical engineering, applied mechanics, and mechanical engineering at NWC

which lead to a master's degree.

Dr. Prabhakar will be administering the Writing Proficiency Exam that date for those who need to take it.

Those who wish to see Dr. Prabhakar or to take the exam are asked to make an appointment by telephoning Cyndi Jones at NWC ext. 2488.

PROMOTIONAL OPPORTUNITIES

Applications for positions listed in this column will be accepted from appointable Department of Navy employees within the area of consideration and from eligible employees of attached activities who are permanently assigned to NWC unless otherwise specified in the ad. Appointable means career or career conditional employees, temporary employees with reinstatement or VRA eligibility and employees serving under Veterans Readjustment Appointments (VRAs). Alternative reassignment opportunities may also be used in filling these positions; vacancies are subject to restrictions imposed by the DOD Priority Placement Program. Applicants must meet all legal and regulatory requirements including minimum qualification requirements by the closing date. Applicants will be evaluated on the basis of experience, education, training, performance ratings and awards as indicated in the SF-171 along with any tests, medical examinations, performance evaluations, supplemental qualification statements and/or interview that may be necessary. Career ladder promotion opportunities are subject to satisfactory performance and cannot be guaranteed. APPLICATION PROCEDURES: Candidates must submit a current SF-171, along with a supplemental qualifications statement (if required), and should submit a copy of their latest Annual Performance Evaluation if relevant to the vacancy. If a supplemental statement is not required, candidates are encouraged to submit additional information which then addresses the specific Knowledge/Skills/Abilities (KSAs) cited in the ad. Write the position title/series/level and announcement number on the SF-171 and all attachments. Be sure that your forms are complete and accurate since you cannot be rated on missing data nor will you be contacted for additional information. Be certain the SF-171 and supplement are dated and have original signatures in ink.

All applications will be retained in the vacancy announcement file; they will not be returned or filed in official personnel folders. Applications and supplements are accepted at the Reception Desk, Room 100, Personnel Department, 505 Blandy. Ads close at 4:30 p.m. on Friday, one week after the announcement, unless otherwise specified. Applications received after 4:30 p.m. on the closing date will not be considered. The Naval Weapons Center is an Equal Opportunity Employer; selections are made without discrimination for any merit reason.

No. ASF-84-18(LC), Copier/Duplicating Equipment Operator, GS-550-45/84 (Temporary NTE, 1 year), Navy Publications and Printing Service, Code 5500 — Duties:

Sets up, adjusts, monitors, operates and performs preventive and minor maintenance on a high-speed off-line electronic page printing system to produce printed pages from 9-track magnetic tape. Mounts magnetic tapes onto tape drive unit. Enters commands into CPU via keyboard to initiate EPPS software and describe the format of the jobs to be run. Controls all processing and printing of job(s) run. Reviews sample output copies to ensure continuing quality of printed pages. Interprets systems diagnostic messages and takes appropriate corrective action. May operate other equipment e.g., copier duplicators, diazo equipment, etc., and perform simple bindery functions. Qualifications: GS-3 applicants must have six months of equipment operating experience of which five months must be specific operating experience at the next lower grade level and one month of specialized equipment operating experience at the next lower grade level. Or: Six months of equipment operating experience, as stated above, at a level of operating difficulty equivalent to a GS-2. GS-4 applicants must have twelve months of equipment operating experience at the next lower grade level or at an equivalent of operating difficulty of which nine months must be specific operating experience and three months of specialized operating experience. Specialized Operating Experience: is experience in the operation of microform equipment, mail processing equipment, duplicating equipment or peripheral equipment. Specific Operating Experience: is experience in the operation of xerographic or electrostatic copiers, telecopiers, magnetic computer tape to hardcopy equipment, high-speed copier/duplicators, diazo equipment, photostat equipment and fluid and stencil equipment. Appraisal Factors: 1) Knowledge of data processing and computer language techniques; 2) ability to follow directions, instructions and job specifications; and 3) ability to operate peripheral and support equipment comparable to the Electronic Page Printing System (EPPS). Note: Candidate must be willing to work any shift, any day of the week and at any location of the NPPSDBO, China Lake. Physical Requirements: Applicants must be able to occasionally lift moderately heavy (up to about 50 lbs.) supplies such as boxes of paper. Applications (SF-171) and Supplemental Qualification Statements must be picked up at NPPSDBO, Building 1041 and Building 0246, Room 3150. Applications and supplements will be accepted at the NPPSDBO, Building 1041.

No. 26-043, Quality Assurance Specialist, DS-1910-1/2, Code 2671 — The incumbent is involved with the definition and application of quality assurance and quality control practices, methods, principles, techniques and disciplines during repair, rehabilitation and maintenance of Navy family and bachelor housing units and the related areas.

Job Elements: Knowledge of housing regulation and procedures; ability to communicate effectively orally and in writing; ability to use blueprints, schematics and architectural drawings; ability to plan and coordinate the quality assurance program relating to housing maintenance and rehabilitation contracts. Promotion potential to DS-2.

No. 26-044, Custodial Work Inspector, WG-356-4, Code 2671 — Supplemental required. Performs inspection of maintenance and service work performed under contract, i.e., custodial services, grounds care, etc. Assures proper trade practices are followed. Prepares daily reports on contractor performance. KSAs: Ability to interpret instructions and specifications; to inspect to meet deadlines under pressure; to work with others. Knowledge of different relevant lines of work.

No. 26-045, Administrative Officer, DA-341-2/3, Code 26C — Duties include budget administration, personnel, organizational management, contract monitoring, facilities and various other administrative functions. Provides administrative support to the Facilities Planning Board Screening Committee. Maintains the Model Construction Program within the Public Works Department. Elements:

Ability to investigate and analyze problems in order to establish effective administrative systems; ability to interpret complex written material pertaining to financial management, contract administration, plan account and contracts; ability to make clear written and oral presentations. Knowledge of Facilities Planning Board procedures are desirable.

No. 35-055, Program Analyst, DA-345-1, Code 3541 — Incumbent performs research tasks directed at obtaining a variety of cost, schedule and performance data for various Semi-Active Test System (SATS) Program contracts. Incumbent will process, record, account for and report on engineering documentation and engineering change actions. Knowledge: of computer terminal equipment. Abilities: to effectively deal with personnel of diverse backgrounds; to work accurately under pressure; to communicate effectively in writing. Promotion potential to DA-3, however it is not guaranteed.

No. 62-104, Electronics Technician, DT-856-2/3, Code 62331 — This position is located at the Central Telemetry Facility, Telemetry Data Section, Telemetry Operations Branch, Range Instrumentation Division, Range Department. The major duties are programming data demultiplexers to meet test requirements, operation of these systems, calibration, system verification for proper display and distribution of data. Also responsible for modification, installation of new equipment, reconfiguration cabling, system documentation and operation of mobile systems. Knowledge: of electronic theory and practices; of telemetry data transmission, reception and recording techniques. Abilities: to operate specialized equipment used in telemetry ground receiving/recording systems and facilities. Promotion potential to DT-3.

No. 35-046, Clerk-Typist, GS-322-3, Code 3511 — Incumbent provides branch level support. Ability: to type and

file. Experience with the Xerox 860 and the Star is desirable. Promotion potential to GS-5.

No. 22-8625, Child Caregiver Supervisor, PS-0189-5, \$5.19 per hour, Permanent Full-Time, Code 2227 — Incumbent is responsible for supervising Child Caregiver II and IIIs in the before and after school program, planning an annual program that meets the needs of children, the facility and for collecting daily fees. Provides a safe, clean and cheerful environment. Must have completed 12 units of Child Development courses at college level and have one year experience working with children between 1st-6th grades. Must be able to obtain a Class II drivers license. This is not a Civil Service position.

No. 24-017, Clerk-Typist, GS-322-3/4, Code 24222 — This position is located in the Information Security Branch of the Security Division Safety and Security Department. Manufactures badges/passes for access to NAVWPNCEN by civilians, military members, contractors and dependents. Maintains all records and files and prepares input for computerized badge listing. Must be able to assist with training of new employees. Incumbent required to greet customers in a tactful, diplomatic and courteous manner. Elements: Knowledge of NAVWPNCEN badge/pass and appropriate regulations, instructions and directives relating to their control and issue. Knowledge of OPNAV, SECNAV and NAVWPNCEN instructions relating to personnel security. Promotion potential to GS-4.

No. 25-021, Clerk-Typist, GS-322-4, Code 253 — Incumbent is responsible for providing clerical support in the form of typing, filing, compiling data, maintaining logs and performing follow-up action on a wide variety of items. Position requires frequent personal and telephone contact with individuals at all levels of Navy. Elements:

Ability to work well under pressure and adjust easily to organization, program and procedural changes; ability to work independently; ability to use and apply a variety of written manuals and instructions. Promotion potential to Shipment Clerk, GS-213-4-5.

No. 26-034, Engineering Technician, DT-802-A1/2, Code 2636 — The incumbent assists higher level technicians and engineers in the planning, design, layout and maintenance of buildings, structures, utility systems and associated plant and technical equipment. Work includes the construction and maintenance of facilities and various field surveying. The incumbent will assist in the preparation of documentation packages, the planning, rescheduling and coordination of projects and the performance of feasibility studies. KSAs: Knowledge: General knowledge of building construction principles and techniques, water and sanitary sewer utility systems and pavement maintenance and repairs. Abilities: To learn and to perform drafting work according to accepted civil engineering standards for construction projects; assist or perform in field surveying and in construction materials testing; establish and maintain good working relationships with all levels of the center organization. Promotion potential to DT-3.

No. 26-035, Facility Management Specialist, DA-1640-1/2, Code 2636 — Incumbent performs duties relating to facilities management. Assists senior personnel in various field surveying tasks; assists in the performance of construction materials testing. Job Relevant Criteria: Knowledge: General knowledge of building construction principles and techniques, understanding of water and sanitary sewer utility systems and pavement maintenance and repairs. Abilities: to learn and to perform drafting work for construction projects; assist or perform in field surveying and in construction materials testing; establish and maintain good working relationships with all levels of the center organization. Promotion potential to DA-3.

No. 26-036, Facility Management Specialist, DA-1640-1/2, Code 2636 — Incumbent performs duties relating to facilities management. Assists senior personnel in various field surveying tasks; assists in the performance of construction materials testing. Job Relevant Criteria: Knowledge: General knowledge of building construction principles and techniques, understanding of water and sanitary sewer utility systems and pavement maintenance and repairs. Abilities: to learn and to perform drafting work for construction projects; assist or perform in field surveying and in construction materials testing; establish and maintain good working relationships with all levels of the center organization. Promotion potential to DA-3.

No. 26-037, Facility Management Specialist, DA-1640-1/2, Code 2636 — Incumbent performs duties relating to facilities management. Assists senior personnel in various field surveying tasks; assists in the performance of construction materials testing. Job Relevant Criteria: Knowledge: General knowledge of building construction principles and techniques, understanding of water and sanitary sewer utility systems and pavement maintenance and repairs. Abilities: to learn and to perform drafting work for construction projects; assist or perform in field surveying and in construction materials testing; establish and maintain good working relationships with all levels of the center organization. Promotion potential to DA-3.

No. 26-038, Facility Management Specialist, DA-1640-1/2, Code 2636 — Incumbent performs duties relating to facilities management. Assists senior personnel in various field surveying tasks; assists in the performance of construction materials testing. Job Relevant Criteria: Knowledge: General knowledge of building construction principles and techniques, understanding of water and sanitary sewer utility systems and pavement maintenance and repairs. Abilities: to learn and to perform drafting work for construction projects; assist or perform in field surveying and in construction materials testing; establish and maintain good working relationships with all levels of the center organization. Promotion potential to DA-3.

No. 26-039, Facility Management Specialist, DA-1640-1/2, Code 2636 — Incumbent performs duties relating to facilities management. Assists senior personnel in various field surveying tasks; assists in the performance of construction materials testing. Job Relevant Criteria: Knowledge: General knowledge of building construction principles and techniques, understanding of water and sanitary sewer utility systems and pavement maintenance and repairs. Abilities: to learn and to perform drafting work for construction projects; assist or perform in field surveying and in construction materials testing; establish and maintain good working relationships with all levels of the center organization. Promotion potential to DA-3.

No. 26-040, Facility Management Specialist, DA-1640-1/2, Code 2636 — Incumbent performs duties relating to facilities management. Assists senior personnel in various field surveying tasks; assists in the performance of construction materials testing. Job Relevant Criteria: Knowledge: General knowledge of building construction principles and techniques, understanding of water and sanitary sewer utility systems and pavement maintenance and repairs. Abilities: to learn and to perform drafting work for construction projects; assist or perform in field surveying and in construction materials testing; establish and maintain good working relationships with all levels of the center organization. Promotion potential to DA-3.

No. 26-041, Facility Management Specialist, DA-1640-1/2, Code 2636 — Incumbent performs duties relating to facilities management. Assists senior personnel in various field surveying tasks; assists in the performance of construction materials testing. Job Relevant Criteria: Knowledge: General knowledge of building construction principles and techniques, understanding of water and sanitary sewer utility systems and pavement maintenance and repairs. Abilities: to learn and to perform drafting work for construction projects; assist or perform in field surveying and in construction materials testing; establish and maintain good working relationships with all levels of the center organization. Promotion potential to DA-3.

No. 26-042, Facility Management Specialist, DA-1640-1/2, Code 2636 — Incumbent performs duties relating to facilities management. Assists senior personnel in various field surveying tasks; assists in the performance of construction materials testing. Job Relevant Criteria: Knowledge: General knowledge of building construction principles and techniques, understanding of water and sanitary sewer utility systems and pavement maintenance and repairs. Abilities: to learn and to perform drafting work for construction projects; assist or perform in field surveying and in construction materials testing; establish and maintain good working relationships with all levels of the center organization. Promotion potential to DA-3.

No. 26-043, Facility Management Specialist, DA-1640-1/2, Code 2636 — Incumbent performs duties relating to facilities management. Assists senior personnel in various field surveying tasks; assists in the performance of construction materials testing. Job Relevant Criteria: Knowledge: General knowledge of building construction principles and techniques, understanding of water and sanitary sewer utility systems and pavement maintenance and repairs. Abilities: to learn and to perform drafting work for construction projects; assist or perform in field surveying and in construction materials testing; establish and maintain good working relationships with all levels of the center organization. Promotion potential to DA-3.

No. 26-044, Facility Management Specialist, DA-1640-1/2, Code 2636 — Incumbent performs duties relating to facilities management. Assists senior personnel in various field surveying tasks; assists in the performance of construction materials testing. Job Relevant Criteria: Knowledge: General knowledge of building construction principles and techniques, understanding of water and sanitary sewer utility systems and pavement maintenance and repairs. Abilities: to learn and to perform drafting work for construction projects; assist or perform in field surveying and in construction materials testing; establish and maintain good working relationships with all levels of the center organization. Promotion potential to DA-3.

No. 26-045, Facility Management Specialist, DA-1640-1/2, Code 2636 — Incumbent performs duties relating to facilities management. Assists senior personnel in various field surveying tasks; assists in the performance of construction materials testing. Job Relevant Criteria: Knowledge: General knowledge of building construction principles and techniques, understanding of water and sanitary sewer utility systems and pavement maintenance and repairs. Abilities: to learn and to perform drafting work for construction projects; assist or perform in field surveying and in construction materials testing; establish and maintain good working relationships with all levels of the center organization. Promotion potential to DA-3.

No. 26-046, Facility Management Specialist, DA-1640-1/2, Code 2636 — Incumbent performs duties relating to facilities management. Assists senior personnel in various field surveying tasks; assists in the performance of construction materials testing. Job Relevant Criteria: Knowledge: General knowledge of building construction principles and techniques, understanding of water and sanitary sewer utility systems and pavement maintenance and repairs. Abilities: to learn and to perform drafting work for construction projects; assist or perform in field surveying and in construction materials testing; establish and maintain good working relationships with all levels of the center organization. Promotion potential to DA-3.

No. 26-047, Facility Management Specialist, DA-1640-1/2, Code 2636 — Incumbent performs duties relating to facilities management. Assists senior personnel in various field surveying tasks; assists in the performance of construction materials testing. Job Relevant Criteria: Knowledge: General knowledge of building construction principles and techniques, understanding of water and sanitary sewer utility systems and pavement maintenance and repairs. Abilities: to learn and to perform drafting work for construction projects; assist or perform in field surveying and in construction materials testing; establish and maintain good working relationships with all levels of the center organization. Promotion potential to DA-3.

No. 26-048, Facility Management Specialist, DA-1640-1/2, Code 2636 — Incumbent performs duties relating to facilities management. Assists senior personnel in various field surveying tasks; assists in the performance of construction materials testing. Job Relevant Criteria: Knowledge: General knowledge of building construction principles and techniques, understanding of water and sanitary sewer utility systems and pavement maintenance and repairs. Abilities: to learn and to perform drafting work for construction projects; assist or perform in field surveying and in construction materials testing; establish and maintain good working relationships with all levels of the center organization. Promotion potential to DA-3.

No. 26-049, Facility Management Specialist, DA-1640-1/2, Code 2636 — Incumbent performs duties relating to facilities management. Assists senior personnel in various field surveying tasks; assists in the performance of construction materials testing. Job Relevant Criteria: Knowledge: General knowledge of building construction principles and techniques, understanding of water and sanitary sewer utility systems and pavement maintenance and repairs. Abilities: to learn and to perform drafting work for construction projects; assist or perform in field surveying and in construction materials testing; establish and maintain good working relationships with all levels of the center organization. Promotion potential to DA-3.

No. 26-050, Facility Management Specialist, DA-1640-1/2, Code 2636 — Incumbent performs duties relating to facilities management. Assists senior personnel in various field surveying tasks; assists in the performance of construction materials testing. Job Relevant Criteria: Knowledge: General knowledge of building construction principles and techniques, understanding of water and sanitary sewer utility systems and pavement maintenance and repairs. Abilities: to learn and to perform drafting work for construction projects; assist or perform in field surveying and in construction materials testing; establish and maintain good working relationships with all levels of the center organization. Promotion potential to DA-3.

No. 26-051, Facility Management Specialist, DA-1640-1/2, Code 2636 — Incumbent performs duties relating to facilities management. Assists senior personnel in various field surveying tasks; assists in the performance of construction materials testing. Job Relevant Criteria: Knowledge: General knowledge of building construction principles and techniques, understanding of water and sanitary sewer utility systems and pavement maintenance and repairs. Abilities: to learn and to perform drafting work for construction projects; assist or perform in field surveying and in construction materials testing; establish and maintain good working relationships with all levels of the center organization. Promotion potential to DA-3.

No. 26-052, Facility Management Specialist, DA-1640-1/2, Code 2636 — Incumbent performs duties relating to facilities management. Assists senior personnel in various field surveying tasks; assists in the performance of construction materials testing. Job Relevant Criteria: Knowledge: General knowledge of building construction principles and techniques, understanding of water and sanitary sewer utility systems and pavement maintenance and repairs. Abilities: to learn and to perform drafting work for construction projects; assist or perform in field surveying and in construction materials testing; establish and maintain good working relationships with all levels of the center organization. Promotion potential to DA-3.

No. 26-053, Facility Management Specialist, DA-1640-1/2, Code 2636 — Incumbent performs duties relating to facilities management. Assists senior personnel in various field surveying tasks; assists in the performance of construction materials testing. Job Relevant Criteria: Knowledge: General knowledge of building construction principles and techniques, understanding of water and sanitary sewer utility systems and pavement maintenance and repairs. Abilities: to learn and to perform drafting work for construction projects; assist or perform in field surveying and in construction materials testing; establish and maintain good working relationships with all levels of the center organization. Promotion potential to DA-3.

No. 26-054, Facility Management Specialist, DA-1640-1/2, Code 2636 — Incumbent performs duties relating to facilities management. Assists senior personnel in various field surveying tasks; assists in the performance of construction materials testing. Job Relevant Criteria: Knowledge: General knowledge of building construction principles and techniques, understanding of water and sanitary sewer utility systems and pavement maintenance and repairs. Abilities: to learn and to perform drafting work for construction projects; assist or perform in field surveying and in construction materials testing; establish and maintain good working relationships with all levels of the center organization. Promotion potential to DA-3.

No. 26-055, Facility Management Specialist, DA-1640-1/2, Code 2636 — Incumbent performs duties relating to facilities management. Assists senior personnel in various field surveying tasks; assists in the performance of construction materials testing. Job Relevant Criteria: Knowledge: General knowledge of building construction principles and techniques, understanding of water and sanitary sewer utility systems and pavement maintenance and repairs. Abilities: to learn and to perform drafting work for construction projects; assist or perform in field surveying and in construction materials testing; establish and maintain good working relationships with all levels of the center organization. Promotion potential to DA-3.

No. 26-056, Facility Management Specialist, DA-1640-1/2, Code 2636 — Incumbent performs duties relating to facilities management. Assists senior personnel in various field surveying tasks; assists in the performance of construction materials testing. Job Relevant Criteria: Knowledge: General knowledge of building construction principles and techniques, understanding of water and sanitary sewer utility systems and pavement maintenance and repairs. Abilities: to learn and to perform drafting work for construction projects; assist or perform in field surveying and in construction materials testing; establish and maintain good working relationships with all levels of the center organization. Promotion potential to DA-3.

No. 26-057, Facility Management Specialist, DA-1640-1/2, Code 2636 — Incumbent performs duties relating to facilities management. Assists senior personnel in various field surveying tasks; assists in the performance of construction materials testing. Job Relevant Criteria: Knowledge: General knowledge of building construction principles and techniques, understanding of water and sanitary sewer utility systems and pavement maintenance and repairs. Abilities: to learn and to perform drafting work for construction projects; assist or perform in field surveying and in construction materials testing; establish and maintain good working relationships with all levels of the center organization. Promotion potential to DA-3.

No. 26-058, Facility Management Specialist, DA-1640-1/2, Code 2636 — Incumbent performs duties relating to facilities management. Assists senior personnel in various field surveying tasks; assists in the performance of construction materials testing. Job Relevant Criteria: Knowledge: General knowledge of building construction principles and techniques, understanding of water and sanitary sewer utility systems and pavement maintenance and repairs. Abilities: to learn and to perform drafting work for construction projects; assist or perform in field surveying and in construction materials testing; establish and maintain good working relationships with all levels of the center organization. Promotion potential to DA-3.

No. 26-059, Facility Management Specialist, DA-1640-1/2, Code 2636 — Incumbent performs duties relating to facilities management. Assists senior personnel in various field surveying tasks; assists in the performance of construction materials testing. Job Relevant Criteria: Knowledge: General knowledge of building construction principles and techniques, understanding of water and sanitary sewer utility systems and pavement maintenance and repairs. Abilities: to learn and to perform drafting work for construction projects; assist or perform in field surveying and in construction materials testing; establish and maintain good working relationships with all levels of the center organization. Promotion potential to DA-3.

No. 26-060, Facility Management Specialist, DA-1640-1/2, Code 2636 — Incumbent performs duties relating to facilities management. Assists senior personnel in various field surveying tasks; assists in the performance of construction materials testing. Job Relevant Criteria: Knowledge: General knowledge of building construction principles and techniques, understanding of water and sanitary sewer utility systems and pavement maintenance and repairs. Abilities: to learn and to perform drafting work for construction projects; assist or perform in field surveying and in construction materials testing; establish and maintain good working relationships with all levels of the center organization. Promotion potential to DA-3.

No. 26-061, Facility Management Specialist, DA-1640-1/2, Code 2636 — Incumbent performs duties relating to facilities management. Assists senior personnel in various field surveying tasks; assists in the performance of construction materials testing. Job Relevant Criteria: Knowledge: General knowledge of building construction principles and techniques, understanding of water and sanitary sewer utility systems and pavement maintenance and repairs. Abilities: to learn and to perform drafting work for construction projects; assist or perform in field surveying and in construction materials testing; establish and maintain good working relationships with all levels of the center organization. Promotion potential to DA-3.

Fishing good up north

Fishing in the southern Owens Valley creeks and streams is very good to excellent, with lots of large (although planted) trout being caught. Even some big brown trout are being taken in ditches and the lower elevations of streams; a 16-inch brown was taken from a ditch near Big Pine, for instance.

At Pleasant Valley Reservoir a number of 10- to 12-inch rainbows are being caught and those who fish lower Rock Creek are also catching a lot of fish in the same size range.

Lake Sabrina anglers are catching limits from the shore by using bait or Velveeta cheese. Best bet for both shore fishing and fishing from a boat is the Blue Creek inlet.

Streams around South Lake are good for trout weighing up to one pound, but the lake itself is slow to fair. Both Rock Creek Lake and Rock Creek, however, are very good for anglers using lures.

Those interested in a bit of a hike are also catching big rainbow trout at Upper Lamarck Lake and are taking limits of small brookies at Grass Lake.

At Mammoth, Lakes George, Mamie and Mary are also producing limits of trout. Fly-and-bubble (or evening fly fishing) is working well and so are lures, especially small spinning lures. Worms and floating nightcrawlers are enticing some of the trout to bite as well, and so are Needlefish lures (try either the frog or silver Needlefish).

Fly fisherman are hitting at Mammoth Creek where the Old Mammoth Road runs into the Creek, at Lake Crowley, and at Hot Creek. Elk hair caddis flies are doing well

at all these, with Charlie Crockett (size 16) doing best at Mammoth Creek; grey sedge and wet fly nits at Hot Creek; and olive matukas at Crowley enticing fish to bite.

The upper Owens River at Benton Crossing is producing good catches of trout with bait, but fishing on the lower Owens, below Pleasant Valley Reservoir, is slow.

June Lake Loop lakes are all good with red eggs and marshmallows and Zeke's floating bait as well as good for those who troll with Needlefish. Rush Creek is also producing some very good catches with worms, Rooster Tails and Panther Martin lures.

The Virginia Lakes, on the way to Bridgeport, are excellent for anglers using either fly-and-bubble combinations or spinners, while Green Creek is excellent with small dry flies and spinners.

Twin Lakes at Bridgeport are both good for offshore trolling in the evenings (but be sure to use mosquito repellent). In the Bridgeport area, the East Walker River is still the most consistent producer of large brown trout.

Center geologists study quake . . .

(Continued from Page 1)

night in Bishop before returning the next morning to map the zone. (That night they got relatively little sleep, they add, because the earth kept shaking, awakening them.) By the next morning, they found that the zone had not only lengthened about 100 meters, but had also widened. According to Dr. Malcolm Clark, U.S.G.S., the zone is now 3 kilometers long as a result of the aftershocks and post-seismic slip.

They also discovered a trail showing

Rolling rocks hazardous after earthquake strike

Recent events in the Bishop area emphasize once more that people can behave very irrationally following earthquakes.

Anglers, who believed the story that fish tend to bite better after the bed of a reservoir or stream is shaken up by a quake, argued with sheriff's deputies who tried to keep them out of the Pleasant Valley Reservoir area early last week.

The deputies had been sent there to clear anglers or hikers from the area because of the dangers that they faced from large rocks on the steep hills that could be

dislodged by aftershocks. While acknowledging the dangers, these anglers apparently believed that "the big one" referred more to a fish they could catch than a quake that would roll part of a hill down upon them.

Anyone who is hiking or fishing in an area that is shaken by a quake should check surrounding higher areas to see if there's a danger from rolling (or bounding) rocks or landslides.

Those who are cautious live to hike or fish another day; those who are not, may not.

July cooler than June in 86

Although July normally is hotter than June (with August giving July a run for its money), this year the weather pattern was reversed.

June proved to be hotter than usual. There were 23 days with temperatures ex-

ceeding 100 degrees. July, however, had only 14 days that sent the mercury soaring into three digits.

As for August, there's no way yet to be sure what this month will bring in a summer that is already unusual.

Use extra care

A recent minor chemical spill once again emphasized the need for extreme care on the part of all personnel when dealing with hazardous or potentially hazardous substances.

Any hazardous substance should be carefully labeled and stored appropriately. No hazardous material should ever be placed near trash receptacles so that it could be picked up in error by personnel charged with emptying trash.

Hazardous materials should also be stored on shelves in such a way that if an earthquake strikes, they will not fall, break their containers or spill.

A few extra moments of care and thoughtfulness in storing hazardous materials takes a lot less time than having to perform a clean-up — and it's a lot safer for all personnel involved as well.

Lifeguards trained to care for Center swimmers

Protecting the lives and safety of the hundreds who use the Center's indoor and three outdoor pools each day are 18 skilled, trained lifeguards whose main function is to keep accidents from happening.

Although patrons want safe pools, they sometimes are not willing to follow the very rules that make pools safe, comments Craig Ulrich, head of the Recreational Services Department's Sports Branch.

"It's very frustrating for the guards," adds Mary Stevens, his assistant. "By this time in the summer, they have become very tired of telling youngsters (and some that are not so young) not to run so they won't slip and fall, telling them to keep off the rope, quit horseplay and only one bounce on the diving board — as well as not to do seat drops because of the possibility of compression fractures."

Ulrich adds that another major safety factor concerning lifeguarding is that many parents drop their children off at the pools without realizing that any youngster under the age of 8 cannot be left at the pool without someone over the age of 16 accompanying that child and that those aged 8 through 12 must have a pool patch for that pool before they can be left unattended.

To get a pool patch for a particular pool, the child must be able to swim four widths of that particular pool using a swimming stroke acceptable to the lifeguard giving the test, must be able to tread water for one minute and be able to float on his or her back for a minute.

Of primary concern for the lifeguards is the responsibility of protecting the lives of those in the water. Although Navy regulations permit a ratio of one guard for every 50 swimmers, NWC policy is to have a guard for every 40; if the guards are covering swim parties, the ratio is even lower.

The first guard goes on duty at 5:15 a.m. for lap swimming at the indoor pool. Guards are on duty from that time until every pool on Center is closed, which can be as late as midnight. Considering that during the summer the indoor pool averages 200 to 250 swimmers daily, the Commissioned Officers' Mess pool averages 160 to 180 per day and the Chief Petty Officers' Mess and Enlisted Mess pool average another 20 a day, this calls for

a lot of lifeguards.

To become a lifeguard, a candidate must have taken and passed either the American National Red Cross or the YMCA advanced life saving class. This consists of a minimum of 21 hours of training in the water and in classrooms, with films, in-water training, conditioning and both a written and practical test.

To even qualify for the course, the candidate must be able to swim 440 yards without stopping, using the crawl, breast stroke and side stroke. He or she must be able to "survival float" for at least 5 minutes and must be able to tread water for at least 2 minutes.

The life saving class also covers general first aid that is appropriate to pool safety (with a special emphasis on heat stroke and other sun and heat problems and CPR). Guards are encouraged to take additional

first aid courses and cardiopulmonary resuscitation courses. Extensive in-water training includes such items as cross-chest "tired swimmer" rescues and various releases.

Seven of the Center's guards are also Water Safety Instructors, so they can teach swimming from beginning swimmers through what the Red Cross calls "swimmers." To become a WSI, the individuals must perform all 10 styles of swimming, five perfectly and other five very proficiently, for 100 yards, must write lesson plans and must do supervised teaching.

In addition, all the guards receive ongoing training. Each week at least one unexpected drill occurs. During the hours that pools are open, someone wearing an orange shirt goes into the water — the orange shirt is the signal to the guard that this is a potential "victim" needing to be

rescued. (This is why patrons are not permitted to wear orange shirts at pools.) The guards then proceed just as they would during an actual emergency. This is observed and critiqued by a senior guard.

Informal training is ongoing, on a "guard-to-guard" basis.

"Prevention of problems is the name of the game," says Ulrich. "While we are always prepared for emergencies, we do our best to ensure that these don't occur."

Guards ordinarily work a 40-hour week, with overtime paid thereafter. They are non-appropriated fund employees of the Recreational Services Department. While many of the guards work only during the summer, guards are needed year-round. Anyone interested in becoming a lifeguard is encouraged to telephone Ulrich at NWC ext. 2571.



IMPORTANT INSTRUCTION — Ann Whitfield, who heads the Center's lifeguards, teaches a youngster how to swim during morning lessons held at the indoor pool. — Photo by PH2 Rick Moore

Softball tourney to end August 12

Six top teams in the Naval Weapons Center's Intramural Softball League will battle it out for the loop championship when 1986 tournament action begins Monday at 5:30 p.m.

Two games a night are planned in the double elimination tournament at NWC's Schoeffel Field with games at 5:30 and 7 p.m. Monday, Tuesday and Wednesday nights.

The championship encounter, noted Craig Ulrich, sports branch head, is slated for 5:30 p.m. on Tuesday, August 12 at Schoeffel Field.

Ulrich notes there were several ties in the race for tourney slots. The top three teams in each division qualified for the tourney, only one team, From-The-Hip breezed into tournament action with the best record in the league, unbeaten as they went into the final week of regular season competition.

A very competitive tournament is anticipated by Ulrich. He noted the teams are all very well matched. During inter-division play neither division dominated play, leading Ulrich to expect close games and rugged softball action.

The 14-team league has been in action for nearly two months at NWC with games as many as four nights a week.

There is no admission charge to watch the exciting softball action featured in the championship tournament that gets underway Monday night at Schoeffel Field.



Sports

Registration opens for next hunter safety class

New hunters and anyone interested in gun safety can take a two-day hunter safety course being offered by the Sierra Desert Gun Club on August 23 and 24.

The 15-hours of instruction will be conducted at the club's target range and clubhouse on the Naval Weapons Center. This is the final course of the year and the last chance for new hunters to get the safety certificate they need for a deer license.

Registration will be in the front lobby of the Ridgcrest Police station on Saturday, August 16 from 9 a.m. to 1 p.m. and Tuesday, August 19 from 7 to 9 p.m. A \$10 registration fee will be collected at this time. Those who finish the course will have \$8 of the fee refunded. There is a 50 person limit to the class.

Hunters not licensed before in California must have a hunter's safety certificate before they can purchase a state hunting license.

For additional information call Cecil Daley at 375-3989.

As of July 23, hunters have claimed more than 115,000 deer tags for the 1986 season, but the Department of Fish and Game says

that thousands more tags are still available.

Deer tags are permits sold to hunters authorizing the taking of deer; DFG annually conducts a public deer tag drawing in which hunters compete for a limited number of tags in prime hunting areas designated X zones. Tags won at the July 11 drawing are now being mailed out.

Quotas were also filled for five special deer hunts and the antelope and elk hunts.

Tags are still available in zones A, B and D and a few tags are left for X zones 1, 9 and 11.

Hunters not drawing a tag on their first or alternate suggestions will have their applications returned with a list of zones for available tags.

Tags for unfilled zones and special hunts will be issued on a first-come, first-served basis. Special hunt and X zone tags must be obtained by mail or in person from the DFG's license section in Sacramento, but tags for A, B and D zones may be purchased over the counter from many department offices.

Soccer Under-19 tryouts tomorrow

Tomorrow (Saturday) is the final day for youths to try out for the Scorpions Soccer Club Under-19 Team for the fall season. Tryouts are set to begin at 9 a.m. at Davidove Field.

Karl Kauffman, Under-19 coach, said eligible athletes must have been born in 1968, 1969 or 1970. Any player not currently on a Scorpion team will have to provide proof of age with an official copy of a birth certificate, alien registration card or a current passport.

Players are expected to bring their own practice balls to the tryouts and must also bring a copy of their final grades from school. Athletes on the Scorpions squads must maintain a 2.0 grade point average with no Fs.

The Scorpion program exists to raise the level of play by area athletes to the highest possible level with a reasonable amount of practice and game experience.

Bowlers invited

Military bowlers who'd like to enter the 21st annual Camp Pendleton Invitational Interservice Bowling Classic on Aug. 16 and 17 had better get their entries in now. The \$75 entry fee for four-man teams is due by Aug. 16.

Entry forms and further information can be obtained by telephoning Buzz Sawyer at either his commercial numbers (619) 725-6109 or 725-6784, or Autovon 365-6109.



The Skipper Sez...

QUESTION

Civilian employee -- Last weekend when I went to use the Center library, I learned that the library's hours were to be cut back, to be only open during the week. The librarian said it was a cut due to the funding. But don't you think that the library would get more use during the weekends? I realize that this is a public service, but I feel that it is a necessary service, especially as I find the library to be more extensive than the public library in town. I would like the library to receive more funding so they could afford to run properly and efficiently. Thank you.

ANSWER

I agree and I'm pleased to report that a reinstatement of some of the library's funds has allowed it to reopen as of July 27 from 10 a.m. to 6 p.m. on Sundays. Recent user experience does reveal that on average, over 200 people attend the library each weekday, while under 90 use it each Sunday. Hence, the decision to remain open weekdays rather than weekends. The decision to open Sundays and close Saturdays is because the reverse is true of the County Library (i.e., open Saturdays, closed Sundays).

We are working hard at getting more money for Fiscal Year 87. You'll know how well I'm doing my job if services aren't cut in 1987.

QUESTION

Welcome, Skipper. I am pleased to see that you are continuing with the Skipper Sez column. Look, a few days ago I witnessed a tragic accident between a motorcycle and a bicycle. I feel the accident, which was a freak accident, wouldn't have occurred had we had bicycle lanes. Look, I want you to make it, if possible, a high priority to try and get bicycle lanes to the roads coming in from the back gate, that is Richmond Road, at least from Trona Road onto China Lake proper. More and more bicycles are using that road, I myself use that road, and I think safety demands some serious consideration be given to bike lanes. I thank you and good luck.

ANSWER

It has been a high priority of mine ever since I was Chief Staff Officer. The lane you are talking about and a couple of others are unfortunately MILCON-size projects and funding just isn't available. We will keep trying and maybe we will come up with a creative "China Lake" type solution.

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

Graphics demonstration set

An interactive graphical tool that supports the development of embedded computer systems in Ada will be demonstrated at Room 205 of the Training Center on Tuesday at 1 and 3 p.m.

The tool, AdaGRAPH, runs on IBM PC-XT/ATs or clones and supports George Cherry's Ada-specific methodology known as PAMELA (Process Abstraction Method for Embedded Large Applications). AdaGRAPH is the product of The Analytic Sciences Corporation.

PAMELA is based on the notion of pro-

cess abstraction and is oriented especially toward real-time concurrent systems. It features a graphical expression of design and transformation of graphical design into elements of Ada code.

AdaGRAPH captures the design information in a project data base from which Ada code (AdaPDL defining software architecture) is automatically generated.

Questions on the methodology or the design tool may be directed to Code 1412 (Bill Struck), NWC ext. 2115, or Code 31C (Linda Roush), NWC ext. 5126.

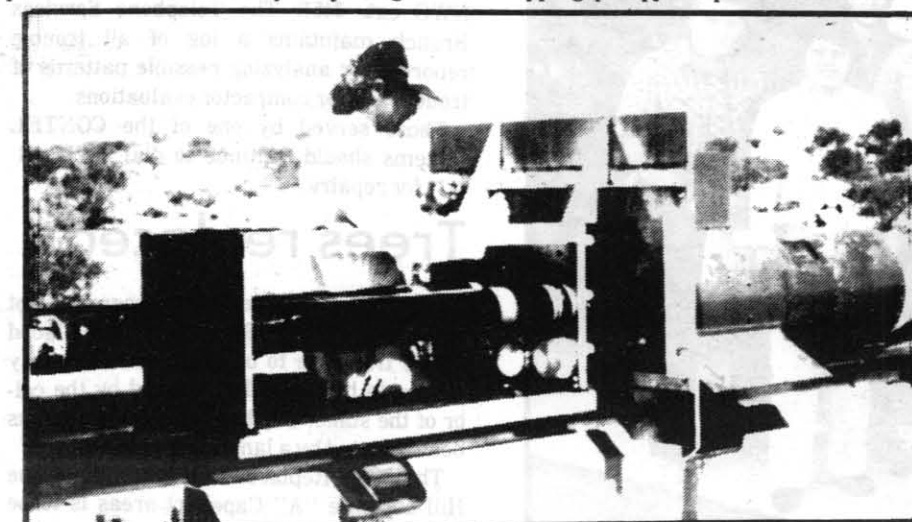
Life of parachutes extended...

the RPM of the 2,800-horsepower electric motor.

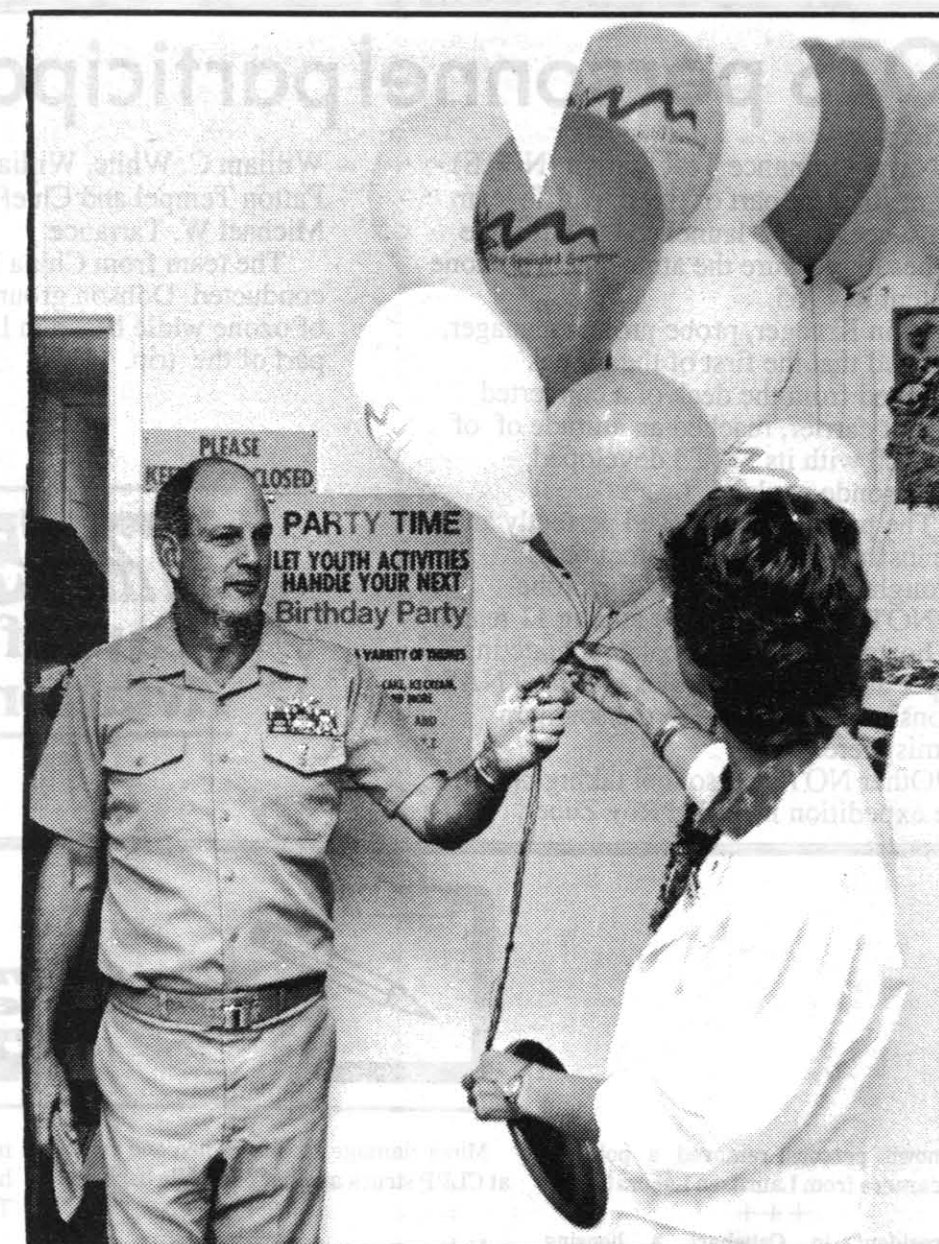
However, preliminary tests at the whirl tower led to the decision to use NWC's G-4 track facilities instead of the whirl tower. At the G-4 track, the stable vehicle is launched by a pusher sled, propelled by three Zuni rocket motors. The parachute opening speeds are controlled by adjusting the

location of the rocket firing point on the track and the ballast on the pusher sled. A laser tracker is used to accurately measure opening speed and descent rate of the parachute.

The parachute canopy descent rate tests were based on training procedures used by the U.S. Army Airborne at Fort Benning, Georgia. The test procedure consists of dropping preopened parachutes from high



GETTING SET — Range department personnel fit the stable vehicle onto a sled powered by three Zuni motors so that this can be launched at the end of the G-4 track for parachute canopy descent tests.



CELEBRATION IN ORDER — Capt. Patterson, NWC Commander, helps Jan Silberberg hold some of the balloons available after he cut the ribbon opening Rec Services new or rehabilitated offices.

ITT, other Rec Services offices officially opened

Official opening of the new offices for the Recreational Services Department's Information, Ticket and Tour (ITT), financial management and marketing functions was held last Friday when Capt. John Patterson, NWC Commander, cut a ceremonial ribbon.

ITT's new, central location at Bennington Plaza (between the gym and the Navy Exchange snack bar) will be more convenient for patrons who want to get the latest in-

formation about local special events or to use its other services. Customers can get discount coupons or tickets for southern California amusement parks, use Hotel/Motel guides for vacation planning, sign up for tours or Youth Activities programs or can use the Ticketron and Ticketmaster services at ITT.

During July, Recreational Services Department's "Star Spangled Summer" celebration has expanded to a "Salute to the Lady." This concludes on Wednesday, when every patron entering the ITT office will receive a "Star Spangled Gift."

ITT office hours are 9 a.m. to 5 p.m., Mondays through Fridays; and Ticketron and Ticketmaster services are offered from 10 a.m. through 4 p.m., Mondays through Fridays.

The new financial management office houses the financial support staff for the department. This division is responsible for Nonappropriated Fund (NAF) accounting, which means processing purchase orders, reconciling financial statements, NAF payroll, accounts payable, daily cash deposits and other operations.

The marketing office supports Code 22 by producing all printed publicity materials including the monthly recreation bulletin, a bi-monthly employee newsletter, fliers, posters, signs and brochures. The office also does market research on nation-wide recreation trends.

Mission of the Recreational Services Department is to provide Navy and DOE personnel and their families with a well-rounded program of wholesome and constructive activities that contribute to the mental, physical, social and educational enrichment of participants.

Cdr. J.A. Thompson, head of Code 22, and his staff join in recognizing the outstanding efforts and work of the Public Works Department employees involved with the renovation and additions to the Recreational Services Department's offices.

NOTS personnel participate in ozone probe team

Naval Ordnance Test Station (NOTS) scientists were part of the scientific team that successfully launched high altitude probes to measure the atmosphere's ozone content in 1965.

Arlin Krueger, probe project manager, reported that the first of the probes launched from the deck of a converted aircraft carrier, reached an altitude of 200,000 with its NOTS developed ozonesonde payload.

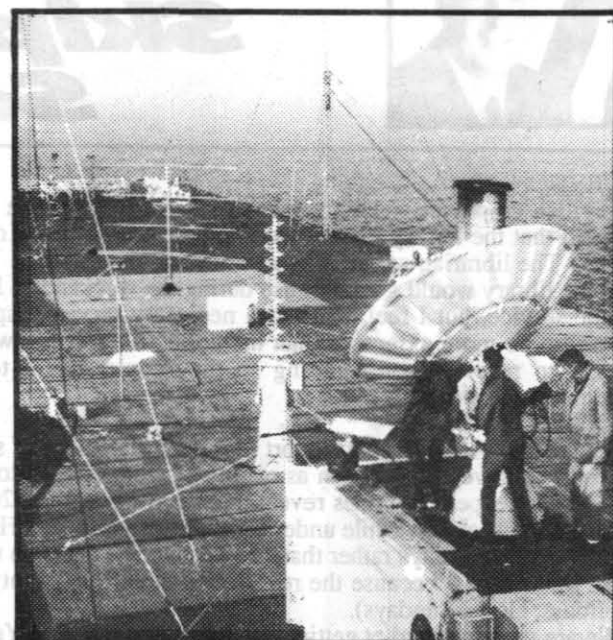
The parachute deployed perfectly and the instrument package functioned throughout the descent of the probe.

NOTS scientists were among 11 teams on board the USNS Croatan conducting upper atmospheric studies during a NASA sponsored expedition to the southern hemisphere.

Other NOTS personnel taking part in the expedition included Roy Zuber,

William C. White, William L. Burson, H. Patton Tempel and Chief Opticalman Michael W. Tarrance.

The team from China Lake also conducted Dobson ground measurements of ozone while based in Lima, Peru during part of the trip.



75 Years of Naval Aviation



China Lake Police Reports

Unknown persons removed a polaroid SX-70 camera from Lauritsen Laboratory.

A resident in Capehart A housing reported that vandals had broken a window in the residence.

At the intersection of Lauritsen and Sandquist, one vehicle was unable to stop in time to keep from hitting the other one in the back. Minor damages occurred.

A resident reported to police that a dog had gotten into his backyard and killed his rabbits. Ridgecrest animal control was contacted and picked up both the dog and the rabbits.

Minor damage resulted when one vehicle at CLPP struck another one while backing.

Unknown persons removed a canvas target from the Laurel Mountain area. Because of the cost of the target, this is a grand theft.

When a subject failed to stop during a command-authorized vehicle inspection, police discovered the driver, after being pulled over on a traffic stop, was found to be unlicensed.

Police received a report of a "man down" near the auto hobby shop at 4:53 one

morning. They discovered that the reason he was "down" was that he was inebriated. They took him to the BEQ to recover.

Five storage shelves were taken from Michelson Laboratory by a person or persons unknown.

When one driver failed to yield to another at the intersection of King and Hussey, the resultant crash caused moderate damage to both vehicles.

A basketball player at the Center's gym reported that an unknown person removed the wallet from his pants that he had left hanging on a nail while he was playing.

A government bicycle was stolen from the Conventional Weapons Building (Building 60).

Police stopped someone driving erratically and discovered that the driver was unlicensed. The driver was cited into municipal court.

A juvenile was caught while "egging" a house. The juvenile ended up cleaning up the egg mess.

Sunday evening a one-car accident occurred on the airfield road. The driver, who was found to be under the influence of alcohol, was kept in the hospital overnight for observation.

Two different drivers complained of rocks hitting their windshields on Tuesday. In one instance, the driver was on Highway 178 and in the other instance, the driver was on Randsburg Wash Road.

Telephone repair numbers listed

As a direct result of the deregulation and open competition of the telephone industry, NWC is procuring telephone services from three contractors. This has caused confusion as to how to report trouble with the telephone system.

To report trouble on systems provided by Vector Telcom, Inc. and all telephone numbers beginning with 1 or 45, call the Telephone Services Branch (Code 1423), NWC ext. 3451. The Telephone Services Branch maintains a log of all trouble reported for analyzing possible patterns of trouble and for contractor evaluations.

Those served by one of the CONTEL systems should continue to dial NWC ext. 4114 for repairs.

Trees replaced

A Tree Replacement Program got underway Monday. Stakes are being placed where trees are to be planted. The variety of tree to be planted is denoted by the color of the stake. The tree placement site has been selected by a landscape architect.

The Tree Replacement Program in the Hill and Site "A" Capehart areas is to be completed August 30.

Questions regarding the program may be directed to the Housing Office at 939-3411, extension 418 or 328.

60,000 military discharged against will in 1985

An airman fails a drug rehabilitation program. A sailor with a pattern of minor disciplinary infractions commits still another offense. A soldier is found to be a homosexual. A Marine is convicted of a felony by civilian authorities.

Think only civilians can be fired from this job?

Wrong. As you read this article, hundreds of service members are being considered for involuntary discharge. Last year, more than 60,000 were discharged from the military against their will, according to a spokesman for the Defense Manpower Data Center.

Of these, almost half were separated for misconduct, including minor disciplinary infractions, a pattern of misconduct, com-

mission of a serious offense, drug abuse or a civilian conviction.

More than 16,000 were discharged for unsatisfactory performance and another 7,000-plus for failure to satisfactorily complete a drug or alcohol abuse rehabilitation program. More than 8,500 were discharged in lieu of a court-martial, and almost 6,000 were discharged following court-martials.

And these figures don't include the more than 14,000 recruits discharged because they "washed out" during their first 180 days of duty or the 55,000 discharged "for the convenience of the government," which includes circumstances like hardship and pregnancy.

As high as these figures might sound,

they're almost 15,000 lower than in fiscal years 1983 and 1984.

Involuntary separations are initiated by the services only when all other efforts to help a service member complete a successful enlistment have failed. In fact, the Defense Department directive that governs this area requires commanders to counsel a service member on performance deficiencies and to allow an opportunity for their correction before initiating separation processing.

According to Maj. Steven Sultan of the Army Military Personnel Center, service members being considered for separation have a right to legal counsel but rarely seek legal recourse when being discharged against their will.



Military News

Policy set for staying in Navy

Waiver guidelines for the enlisted continuation policy were tightened recently. However, the Navy's enlisted continuation policy, which determines how long a person may serve according to rate, remains the same.

This means if a person hasn't progressed beyond a certain rate within a specified number of years, then a waiver must be obtained in order to stay in the Navy. For instance, a person who hasn't been promoted above the E-3 cannot stay in the service for more than eight years without permission.

Reasons for the change include:

— Mandated cuts to the Navy's end strength, both present and anticipated, forced the Navy to reevaluate its liberal waiver policy.

— Disproportionate number of continued personnel, 79 percent (E-6 to E-8), serving beyond the high year tenure (HYT) points were on shore duty; their talents were needed at sea.

— Continuances affect promotion opportunity for less senior members of the ratings. Of the ratings having members with over 30 years service, 60 percent have experienced less than average promotion opportunities to E-8/9.

All who exceed the guidelines must request a waiver in order to re-enlist. If currently on an enlistment, no action is taken until EAOS. Waivers are examined on an individual basis and take into account the relative manning of the rate, promotion opportunity and the type of duty (sea/shore) to which the person will be ordered.

The continuation policy contained in OPNAVINST 1160.5A will be cancelled soon, and incorporated in the Naval Military Personnel Command (NMPC) manual. Enlisted people who desire continuation should submit their request in accordance with the OPNAV instruction.

Currently, there are more than 1,400 E-4 through E-9s who exceed the HYT guidelines and must submit a waiver to reenlist.

HYT guidelines are:

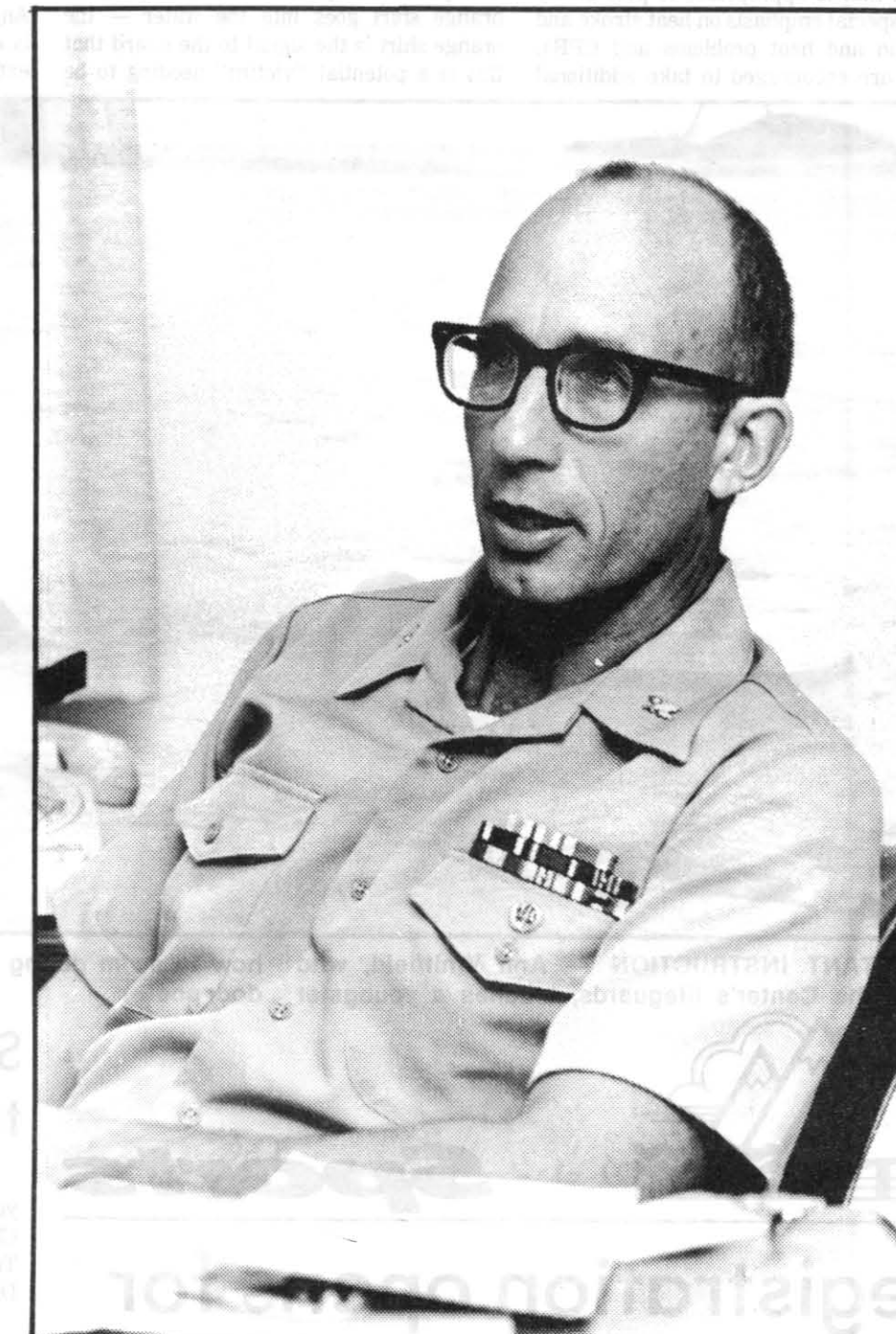
- E-1/2 - cannot reenlist.
- E-3 - eight years total service.
- E-4 - 10 years Naval service, not to exceed 20 years total service.
- E-5 - 20 years total service.
- E-6 - 23 years total service.
- E-7 - 26 years total service.
- E-8 - 28 years total service.
- E-9 - 30 years total service.

Further information can be obtained from Command Center Counselors.

NRS changes hours

Navy Relief Society offices at the Naval Weapons Center will be open on an appointment basis only on Friday, August 8 and Friday, August 15.

Normal hours of NRS operations at NWC is 11 a.m. to 2 p.m. Mondays, Wednesdays and Fridays.



SUPPLY DIRECTOR — Capt. Robert A. Dropp, NWC's new director of supply, talks about his new assignment in the Navy.

Capt. Dropp here . . .

(Continued from Page 1)

Dropp have included duty as supply officer on the USS King in combat off the coast of Vietnam, assistant to the supply officers on the USS Los Angeles and as ammunition control officer on the staff of Commander, Service Group Three/Commander Task Force 73 home ported in Sasebo, Japan.

Additionally, he was director of automated data processing at the Naval Supply Center, Newport, R.I.; executive officer of the Navy Supply Depot, Subic Bay; and as director of information systems and administration for the Chief of Naval Material. He also was director of the ADP Division for the Commander, Naval Air Systems Command and director of the Material Department at the Naval Supply Center, San Diego.

"I've enjoyed every assignment," Capt. Dropp said of his 26 years in the Navy. Capt. Dropp said he and his family look

forward to taking part in many activities in the area. "This is a fantastic place," he commented.

The weather is great and there are a lot of things we like to do in this part of the country, he added. He also noted they liked the small town atmosphere and the things it had to offer.

He and his wife, Priscilla, are both Navy juniors. They have two children: a son, Tony, a graduate of Citadel and a surface warfare officer in the Navy; and a daughter, Lori, a nursing student at Baptist Memorial Hospital and Memphis State University.

NWC HOTLINE
Integrity, efficiency program
Call: NWC ext. 3636 (24 hrs.)
or call the Inspector General at:
(800)522-3451 (toll free)
288-6743 (Autovon)
(202)433-6743 (commercial)

SAME meets

Larry Cook, Ridgecrest City Administrator, will talk about the Ridgecrest Redevelopment Agency, its function, financing and impact at a lunch meeting of the China Lake Post of the Society of American Military Engineers on Tuesday.

The meeting, which begins at 11:30 a.m., will be held at Shenanigan's Bar and Grill, 1661 N. Triangle Drive, in Ridgecrest (located where Clancy's Claim Company used to be). Menu choices are either a salad with turkey and ham served with banana nut bread or a cheeseburger and fries with fresh fruit.

All members are asked to respond, even negatives, to Sam Miller, 3411 ext. 287, by close of business today.

FRA meets Monday

Navy, Marine Corps and Coast Guard personnel, both active duty and retired, are invited to attend the regular monthly meeting of China Lake Branch 95, Fleet Reserve Association, on Monday at 7:30 p.m. at the Chief Petty Officers' Mess.

Design contract mgt. course held

Twenty-six registered professional architects and engineering professionals recently successfully completed a course entitled "A-E/ES Design Contract Management (fees under \$100,000)" taught by Bob Getting, associate head of the Public Works Department's Engineering Division.

Of these, 18 also took and passed the Design Management Equivalency Examination of the Civil Engineer Corps Officers' School (CECOS).

Getting, qualified to teach the course locally after having attended the Naval Facilities Engineering Command (NAVFACENGCOM) sponsored and CECOS

administered classes held at the Navy's Post Graduate School in Monterey earlier this year.

The course just completed is required for Design Contract Management procedures.

The federal government is the largest single client of architectural and engineering professionals. Normally more than 80 percent of the Command's design workload is performed under A-E contract.

A-E Design Contract Management at China Lake is the basic responsibility of Western Division, NAVFACENGCOM, San Bruno, California. With the high volume of A-E requirements at NWC, NAV-

FACENGCOM has delegated local A-E management authority for fees up to \$100,000. This would represent a construction project around \$800,000 to \$1,000,000. The A-E Selection Boards and Negotiations Boards actions must be performed by registered architects and engineering professionals.

Completing the course successfully were Michael Ashton, Ken Beideman, Thomas Bowman, Gregg Buckle, Frank Cox, Daniel Hartzell, Barry Kenady, Thomas Kozan, Hal Lenderman, Sidney Miyakawa, Marc Myrum, Steve Nemeth, Jr., Thang Nguyen, David Orland, Jerald Polly, Terry Roberts, Russell Stephens and Daniel White.



SUCCESSFUL GRADUATES — Capt. R.M. Cugowski, NWC's Public Works Officer, joins with graduates of

the A-E/ES Design Contract Management (fees under \$100,000) course, along with instructor Bob Getting.