Page Eight



TOY COLLECTION BOX - NWC firefighters Raymond Gowdy, D. L. Young, and Charles Gillmette happily accept donations to the toy collection box located in Fire Station No. 1. Toys (either new or used) can be dropped into this box until next Friday when they will be distributed to needy children in the local area or will be taken to Porterville State Hospital for distribution there. While 110 volunteers spread throughout the community last week to gather toys, many persons were not contacted. Fire Station No. 1 is located at the corner of Lauritsen and East Inyokern Roads.

CLOTA tryouts for Shakespeare play slated first week in Jan.

Thespians and would-be thespians who Shakespeare, and music that will be used have longed to appear in a Shakespearean may attend a workshop on Jan. 3 at 7 p.m. at production will have an opportunity to do so Faller Elementary School. in the upcoming Community Light Opera and Theater Association's production of "A Midsummer Night's Dream."

Tryouts will be held from 7 to 10 p.m. on Jan. 4, 5, and 6 in the cafetorium at Faller Elementary School in Ridgecrest.

This play is one of Shakespeare's most popular with modern audiences. The sophisticated comedy has a cast of 21 players: six women, and 15 men; ages of the players range from early 20s to over 60. Although the production will use authentic Elizabethan dance and music to round out the program, it is not necessary for players to be proficient dancers to audition.

Those who are interested in more detailed information about the background of the play, the world of Shakespeare and Elizabethan customs, the language of

EM party tickets on sale

Tickets are now on sale at the Enlisted Mess for a New Year's Eve party on Friday, Dec. 31.

A price of \$6 per person will include all party favors, and bacon-and-egg breakfast that will be served from 1:30 to 3 a.m. Music will be provided by the "Kicks," who will perform from 9 p.m. until 1:30 a.m.

The dinner special that evening will be porterhouse or T-bone steak at \$6.95 per person. Dinner will be served from 6 to 8:30 p.m.

Thrift Shop holiday hours

32

The Thrift Shop will be open its regular Tuesday evening and Thursday morning hours between now and Christmas, but will be closed during the week following Christmas

It will reopen at 7 p.m. on Tuesday, Jan. 4, and will be open also from 10:30 a.m. until 12:30 in the afternoon on Thursday, Jan. 6, and regularly thereafter.

ROCKETEER

Holiday hours for on-Center business, rec. facilities listed

All business and recreation facilities on board the Naval Weapons Center will be closed on Christmas Day, Dec. 25. Those that will be opened on New Year's Day are as follows:

The golf course and golf course snack bar will be open from 7:30 a.m. until 5 p.m. The bowling alley and snack bar will be open from 1 p.m. to midnight. The Navy Exchange Mini-Mart will be open from 10 a.m. to3p.m.

Special hours of operation also will be in effect on Dec. 24 and Dec. 31, as follows: craft center, 9 a.m. to 5 p.m.; auto hobby shop, 1 to 5 p.m. and 12 noon to 5 p.m. respectively; golf course and snack bar, 7:30 a.m. to 5 p.m.

Gymnasium and camping issue, 12 noon to 5 p.m.; CPO Club and Enlisted Mess, (bar only), and consolidated package store, 10 a.m. to 4 p.m.

Special hours for the school holiday season will be maintained by the Youth Center and skating rink on Richmond Road starting on Monday, Dec. 20.

The Youth Center and skating rink will be open during the Christmas/New Year school vacation from 1 to 5 p.m. every day except for Friday and Saturday, Dec. 24, 25 and Jan. 1, when they will be closed.

The Navy Exchange main retail store will be open on Dec. 24 from 10 a.m. to 4 p.m. and Dec. 31 from 10 a.m. to 5:30 p.m. The Mini-Mart will be open on Dec. 24 from 10 a.m. to 4 p.m. and on Dec. 31 from 10 a.m. to 7 p.m.

The Commissary Store will be open during its regular hours of 10 a.m. to 5:30 p.m. on Dec. 24 and 31.

Regular hours of operation for all business and recreational facilities will be resumed on Monday, Jan. 3.

CPO New Year's party

Members and guests of the Chief Petty Officer's Club can now make reservations for a New Year's Eve dinner-dance that is coming up on Friday, Dec. 31.

A price of \$12.50 per person will include a prime rib dinner, wine, champagne at midnight, favors and dancing until 1 a.m.

"Sunlite," a local music group led by Tony Scanlon, will once again provide the musical entertainment for this gala event starting at 8 o'clock.



For anyone who is planning to audition,

scripts are on reserve at local libraries.

Those seeking further information prior to

auditions can receive it by telephoning Tina

Dillard, the director, at 375-2366.

An all-hands Christmas party for NWC military personnel and civilian employees, along with their spouses or dates, is scheduled tonight at the Enlisted Mess.

The informal affair will start off with a social hour beginning at 6 o'clock and a buffetstyle dinner will be served from 7 to 8:30 p.m.

The "J.J." band from Northridge, Calif., will provide instrumental entertainment for the festivities from 9 p.m. to 2 a.m. Tickets are priced at \$6 for E-6 (first class petty officer) and below and \$8 for all other military or civilian personnel.

Those who wish to attend can order tickets by calling ACCS Kent Savary at NWC ext. 5404 or TMCM J. N. McAllester at NWC ext. 3280. +++

The Commissioned Officers' Mess has scheduled its next Membership Night fete this

Easy Loving will be playing contemporary rock music for the listening and dancing pleasure of COM patrons from 8 p.m. to midnight.

An international menu is scheduled as the special of the evening. Dinner will be served from 6 to 9 o'clock. There will be a charge of \$5 for members and their spouses and \$6 for guests.

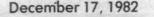
Stella Hill and her band from Los Angeles will provide the entertainment tonight at the Chief Petty Officers' Club. Ms. Hill specializes in contemporary music and will perform from 9 p.m. to 1 a.m.

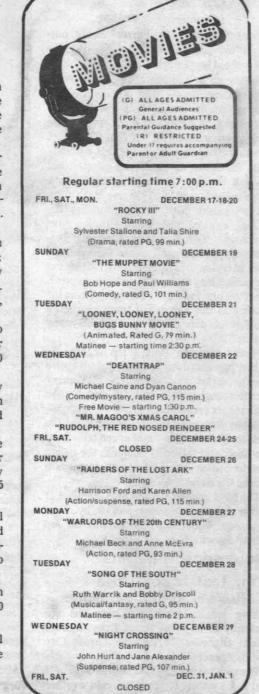
CPO Club members and their guests are invited to dine out this evening, selecting from a menu of prime rib of beef or Islandic cod as the entree. Dinner will be served from 6 to 9 o'clock.

+++

Members of Los Amigos Hispanos invite everyone in the Community to attend their annual Christmas dance tomorrow night from 9 until 1 a.m. at Joshua Hall on the Desert Empire Fairgrounds in Ridgecrest.

Music for dancing will be provided by Los Feliz, a band from Bakersfield that plays a variety of music. Tickets, at \$7 per person, will be sold at the door.





How time flies

This week's "Remember When ... " personality is Thelma Lewis, who has been employed for the past seven years as the branch secretary in the Engineering Department's Environmental Engineering Branch.

A local resident for 21 years and an NWC employee for the past 12, Mrs. Lewis, whose husband Jim is a model maker in the Engineering Department's Engineering Prototype Division, is well-known for her in volvement in local community affairs.

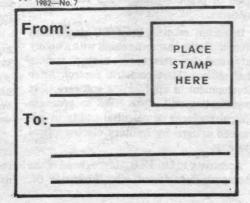
She is a member of the Indian Wells Valley Women's Club and active also in the Ridgecrest United Methodist Church. Here and elsewhere, she can look back on a total of 36 years as a Sunday School teacher.

Doing yard work, caring for house plants and sewing are things she likes to do around the house and both she and her husband are avid fans of local high school athletic events.

Tim, youngest son of the Lewis family, played football, basketball and baseball for the Burros, and they have an older son who is now attending Howard University in Washington, D.C., where he is preparing for a career as a hospital administrator.

The Lewis daughters, Carolyn and Evelyn, live in San Diego where Carolyn works and Evelyn is a student at Grossmont Junior College.

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On Tuesday morning a condition tract was signed at the Naval Facilities Engineering Command, San Bruno, Calif., between the Navy and Pan American World Services, Inc., covering transportation, supply and housing maintenance services at NWC. A total of 295 permanent Center employees will be affected by the action. The action is subject to flag officer

by the end of the first week of January. Capt. Lahr said "I am saddened for all our employees who have been affected by this action; however, as with any important decision, a large body of information is available which authorities must take into account during the decision-making process.

"It follows that when any final decision is made, everyone may not agree with the answer. Nonetheless, once a decision has been made, it is incumbent on all of us who have been affected to return to our jobs and proceed with supporting our mission.

engineers.

(APT) source code. The APT code was compiled on the Univac 1100-83 computer to produce a numerical control (NC) punched paper



December 17, 1982

Vol. XXXVII, No. 50

NAVAL WEAPONS CENTER CHINA LAKE CALIFORNIA

295 employees affected by contract award

review, which is expected to be completed

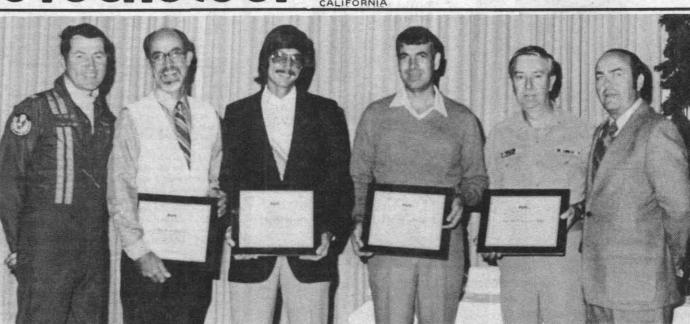
wrenching for many of us. Now it is time to begin putting it behind us so that we may activity in the Navy."

The starting date of the contract is March fected and make transition to full contract ficers' Mess. performance as smooth as possible.

on Tuesday, Jan. 4, or shortly thereafter.

notified that they would be separated; 108 name and date of the award. demoted to a lower grade and reassigned to (Continued on Page 5)

Interactive Graphics Facility



FOUR CENTERITES HONORED - Latest recipients of the complishments of each of the recipients that was given by B. W. Michelson Laboratories Award were honored during a luncheon held Hays, NWC Technical Director (at right). The honorees are (1.-r.) last Friday at the Commissioned Officers' Mess. The awards were Jack Johantgen, Dr. Robert D. Smith, Dr. Donald L. Decker, and presented by Capt. Lahr (at left) following an account of the ac- Capt. Gerald L. Lee, SC, USN.

Michelson Laboratories Award given to "This process has been disruptive and 4 China Lakers during luncheon Dec. 3

Presentation of the Michelson Robert D. Smith, and Capt. Gerald L. Lee, continue to be the finest, most productive Laboratories Award to three Naval SC. USN. Weapons Center employees and one military officer was the occasion for a 12, 1983. This will allow maximum luncheon honoring the recipients that was notification to the Center employees af- held last Friday at the Commissioned Of-

Employees received Reduction in Force as the latest in a long list of outstanding (RIF) notices on Tuesday. Those who were NWC personnel to be honored in this fashion on leave or were otherwise not available for were introduced and presented with a official notification will receive their notices certificate signed by Capt. Lahr and B. W. Hays, NWC Technical Director, as well as a Of the 295 employees affected, 155 were desk plaque engraved with the recipient's

Those singled out for recognition were Dr. presented by Capt. Lahr. Donald L. Decker, Jack Johantgen, Dr.

The award program was opened with a welcome by Capt. Lahr. During his opening remarks, the Skipper noted that this special award was established in 1966 to recognize significant achievements in management A capacity crowd was on hand to applaud and leadership, and/or technical excellence that represents an outstanding achievement related to a specific technical problen

> Introduction of each of the award winners was made by Mr. Hays, who presented a capsulized account of their accomplishments, and the awards were then

Capt. Lee, NWC's Director of Supply, was

Computer aided design is boon to engineers

Three of Michelson Laboratory has sim- part. plified the design, analysis, and

Naval Material Command contract.

Bob Anderson, Code 3351, and John although the elapsed time was about the Durrant, Code 3646, were the first to employ the numerical control capabilities of the computer aided design/computer aided manufacturing (CAD/CAM) system. Their work verifies the feasibility and practicality of using a numerical control approach, even for one-of-a-kind prototype components.

The part designed and manufactured was an explosive manifold for the Mark 30 arming firing device to be used on the guided missile destructor for the Standard missile (SM-2N).

Bob Anderson modified the design of the manifold on the Computervision system, using a graphics workstation, and John Durrant defined the tooling parameters and constraints. With that information in its database, the computer generated the tool path and the automatic program tools

The design of the manifold, while Many engineers are regularly making use milling, drilling, tapping, keyway cutting, tasks. Initially, the information is entered

The Computervision equipment located in tape, which ultimately controlled the same as could have been expected using the Interactive Graphics Facility in Wing milling machine during manufacture of the conventional methods. However, as engineers gain familiarity with the system, significant time savings are anticipated.

manufacture of parts for the Center's straightforward, was not trivial, and Through CAD/CAM, the same database of required the NC machine to perform profile information may be used for many related of the new facility which Computervision countersinking, and counterboring. Use of into the database when an engineer does the turned over to the Navy last July under a the Computervision facility resulted in a designing at a graphics workstation. Once dollar savings, even on this initial attempt, this design is in the system, modifications (Continued on Page 3)



MECHANICAL ASSISTANCE - Bob Anderson (closest to camera) and John Durrant use Computervision equipment to design, analyze, and manufacture parts to be used on the guided missile destructor for the Standard missile.

singled out for recognition as a recipient of the Michelson Laboratories Award based on his leadership in the establishment of a unified, integrated support community at the Naval Weapons Center.

Capt. Lee, a veteran of 25 years of service. in the Navy Supply Corps, reported for duty at China Lake in July 1980. Since that time he has initiated and/or fostered improvements in the Center's ability to fulfill its mission by his participation at the corporate level, integration of the support community into the NWC team, and unification of the support community.

Capt. Lee's active involvement in issues such as the difficulties associated with the implementation of NWC's unlimited procurement authority, efforts to gain automatic data processing procurement authority, and resolution of contractor support services controversies were among the reasons cited for the Director of Supply's nomination for the Michelson Laboratories Award.

James R. Bowen, Deputy Support Director, who nominated Capt. Lee for the Michelson Laboratories Award, also noted hat Capt. Lee was willing to devote the resources necessary to begin the first formal Quality Circles program in his department. This program is one that has long been recognized in the academic community as one of the most effective productivity-enhancing management techniques known.

Another of Capt. Lee's contributions to the improved operation of the Supply Department was a combining of two divisions into the new Supply Operations Division, and the consolidation of a number of small, inefficient, and geographically disbursed warehousing operations into a more modern, centralized warehousing and receiving complex. This change has resulted in greater efficiency in the use of employees, better physical security, and more efficient use of equipment and facilities.

Dr. Decker, a supervisory research physicist, was chosen to receive the Michelson Laboratories Award for his outstanding technical and scientific accomplishments in advancing the art of single-point diamond machining of optical (Continued on Page 7)

Page Two



Mass Schedule

Friday, Dec. 24, Christmas Carols11:30 p.m. Friday, Dec. 24, All Faith Chapel (reception following) 12 midnight Saturday, Dec. 25, All Faith Chapel 10 a.m. Saturday, Jan. 1, All Faith Chapel 10 a.m. Confessions 15 min. before Masses except on Christmas Eve and Christmas Day **PROTESTANT CONGREGATION**

Friday, Dec. 24, Candlelight Communion Service, All Faith Chapel7 p.m. Sunday, Dec. 26, All Faith Chapel...... 10 a.m.



JOYOUS EVENT - Capt. Lahr and Burrell Hays join in turning on the switch to light the Center's Christmas tree in a ceremony held at the All Faith Chapel last Friday night. The ceremony opened with the lighting of the first Hanukkah candle at the East Wing of the chapel and a blessing by the Hebrew congregation, after which the tree was lighted. All those present joined in singing Christmas carols to open the happy holiday season.



PH1 Benita Tetreault **PHAN Rebecca Carpente** Staff Photographers

deadline Tuesday, 4:30 p.m

Office at Nimitz and Lauritsen. Information published in the Rocketeer does not necessarily reflect the official view of the Department of Defense. Information in The Rocketeer is authorized for public release by the Naval Weapons Center Public Affairs Officer, Code 003. Phones 3354,3355 December 17, 1982

Promotional opportunities

Applications (Standard Form 171) should be put in the drop box at the Reception Desk of the Personnel Dept., 505 Blandy. Unless otherwise specified in an ad, applications for positions listed in this column will be accepted from current permanent NWC employees only. All others desiring employment at NWC may contact the Employment-Wage & Classification Division, Code 092, Ext. 2069. Ads will run for one week and will close at 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ad. Advertising positions in the Promotional Opportunities column does not preclude the use of alternative recruiting sources in filling these positions. The filling of these positions through Merit Promotion is subject to the requirements of the DoD Program for the Stability of Civilian Employment. The minimum gualification requirements for all GS positions and positions subject to the Demonstration Project are those defined in OPM Handbook X-118; those for all wage system positions are those defined in OPM Handbook X-118C. Applicants will be evaluated on the basis of experience, training, education, and awards as indicated in a written record consisting of a SF-171, at least one supervisory appraisal if it can be obtained, and any tests, medical examinations, interviews, and supplemental qualifications requirements that may be necessary. For managerial/supervisory positions, consideration will be given to applicant's support of the Equal Employment Opportunity programs and objectives. Applicants must meet time in grade and qualification requirements by the closing date of the ad. The Naval Weapons Center is an Equal Opportunity Employer; elections are made without discrimination for any nonmerit reason.

nent No. 31-067, Interdisciplinary, Computer Scientist, Physicist, Electronics Engineer, Mathematician, Mechanical Engineer, General Engineer, 1550/1310/855/1520/830/801, PAC 8231610, DP-2/3, Code 3112 This position is located in the A-6 Facility Branch, Avionic Facilities Division of the Aircraft Weapons Integration Department. The A-6 Facilities Division of the Aircraft Weapons Integration Department. The A-6 Facility Branch provides the simulation/integration work station for the development, test, validation, verification and modification of operational flight programs exercised in the tactical computers of the A-6 aircraft. The incumbent will perform as a software engineer in the prime function of this position will be to design, document, code and test software models including area utilized, veapons, radar and airframe models to be integrated into the work station. The incumbent will conduct, design, review and code walk-throughs with Center and contract personnel. Job Relevant Criteria: Knowledge of avionic stems; ability to plan, schedule, coordinate technical work as part of a major project; ability to communicate vell both orally and in writing; experience in formalized software engineering standards and practices; experience in Fortran and other HOLs.

ROCKETEER

Announcement No. 31-082, Interdisciplinary, Computer Scientist, Physicist, Electronics Engineer, Mathematician, Mechanical Engineer, General Engineer, Aerospace Engineer, PAC 8231650, DP-3, Code 3112 - This position is located in the A-6 Facility Branch, Avionic Facilities Division of the Aircraft Weapons Integration Department. The A-6 Facility Branch provides the validation, verification and modification of operational flight programs exercised in the tactical computers of the A-6 aircraft. The incumbent will be the A-6 Facility Project Engineer responsible for the technical planning and coordination of specifications and implementations for the odification and development of new capabilities for the A-6 laboratories. Based on functional requirements provided by the branch head, the incumbent will develop and document system specifications, software program performance specifications, hardware specifications and test plans and then implement those requirements using facility support personnel. Emphasis is placed on real-time simulation software (A-6 system modeling, hardware interface drivers, etc.) and hardware (digital interfaces, avionics, etc.) It will be required of the incumbent to dentify tasks and milestones done by others under his technical supervision. The incumbent will be expected to become familiar with the A-6 navigation and weapons delivery systems. The incumbent will be under the supervision of the Code 3112 Branch head who will set road technical guidelines for system development. Job Relevant Criteria: Ability to provide leadership to a multidisciplined group of engineers, technicians and computer cientists; ability to communicate well, both orally and in writing; ability to plan a project from concept to completion; familiarity with structured digital system design practices and software development; familiarity with MIL-STD 1679.

cement No. 00-017, Computer Systems Analyst, DP-334-3, PAC No. 8200529, Code 02A22 - This position is ocated in the Capital Equipment Resources Office, Code 02A22, in the Support Directorate, Code 02. The incumbent will direct the implementation of a Center-wide equipment data base in support of the Capital Equipment Resources Office. Position entails system design, developing presentation, definition of requirements for contractor performance and broad interfacing with equipment excess Center-wide. Job Relevant Criteria: Knowledge of and experience in Automatic Data Processing (ADP); must be able to communicate effectively both verbally and in writing; must deal effectively with people at all levels.

ncement No. C-62-55, Electronics Technician, DT-856-3, Code 62354, PAC No. 8262572N - This position is located in the Range Development Branch of the Range Department, Incumbent designs, develops, installs and checks out subsystems and components of the Active Radar Instrumentation and Test Equipment. Job Relevant ia: Knowledge of theories and practices associated

Training class

To enroll in the followin classes students should submit NWC Training 100 Request and Authorizatio Form 12410 73, via department channels, t reach code 094 before the deadline listed. If handicapped indicate need for first floor room location on

Effective Use of Cost/Schedule Data; Jan. 5-7, 8 a.m. to 4 p.m. daily; instructor: Hugh Langford.

Digital Image Processing; Jan. 3-4, 19-20, 8 a.m. to 4 p.m. daily; instructor: Prof.

Optical Image Processing; Jan. 10-11, 8 a.m. to 4 p.m. daily; instructor: Prof. T. Strand.

Contracting Officer Technical Representative; Jan. 10-13, 8 a.m. to 4 p.m. daily; instructor: NPRO, Long Beach.

Managerial Accounting (for TMC Program); Jan. 10-14, 8 to 11:30 a.m. daily; instructor: Don Green.

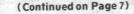
with electronic instrumentation and test equipment knowledge of automatic radar ranging devices, electrical servo control systems, as in the Nike Hercules tracking mount, and tracking mount interfaces. Status eligibles

may apply. nt No. C-64-33, Supervisory Electronics Announce Engineer, DP-855-3, PAC No. 8364508E52, Code 6423 - This position is head, Telemetry Technology Branch, Code 6423. located in the Telemetry Test/Engineering Division of the Aerosystems Department. The incumbent is responsible for the design, development, test and evaluation, and application of missile/aircraft instrumentation systems These efforts deal primarily with but are not limited to, development and testing of A-6 simulation software. The R.F. telemetry (FM/FM, PCM, PAM, video), tracking aids, flight termination systems, on-board recorders signal conditioning, antennas, and power sources. Im portant capabilities include that of study and design which will promote and enhance state-of-the-art instrument systems. Job Relevant Criteria: Incumbent must have experience in the design and application of airborne in strumentation systems and subsystems; experience in coordinating various aspects of project or branch efforts with both on and off-Center activities; ability to supervise and provide technical guidance to branch personnel; and the knowledge and support of EEO practices.

nent No. 32-059, Administrative Officer, DP 341.3. PAC No. 813251 FOR. Code 3202 - This position is the Head of Staff for the Ordnance Systems Department, Code 3202, located in the CLPL headquarters area. The incumbent is the leader for providing the full range of ad ministrative support functions for a department of 300 personnel. This includes the areas of finance, security, personnel, space, resource and organizational analyses forming and implementing administrative policy. Con sultation and administrative advice are provided to the department head, associate department head, division office heads. Coordination of geographically dispersed operations is a major requirement since the department includes 45 square miles in CLPL and Salt Wells with additional major elements at China Lake main site and in Area R. Safety is a major departmental concern. Job Relevant Criteria: Knowledge of financial, personnel, space and security management policies and procedures; ability to analyze diverse and complex processes; ability to communicate effectively, both verbally and in writing; ability to deal effectively with all levels of personnel knowledge of Center-wide administrative processes. The ability to coordinate, delegate and expedite are also critical skills.

Announcement No. 3662, Supervisory Interdisciplinary General/Mechanical/Electronics Engineer, Quality Assurance Specialist, DP-801,830,855,1910-3, PAC No. 8336541 E, Code 3682 - This position is that of section head with the Quality Assurance Branch, Product Assurance Division, Engineering Department. The incumbent of this position manages the administrative and technical aspects of the section. The section has responsibilities for the ap plication and implementation of quality assurance and quality control techniques and principles to ensure that the upplies and services delivered to the government mee quality and quantity requirements. Typical efforts will include planning, directing, controlling coordinating and performing quality and reliability functions throughout the product life cycle. Job Relevant Criteria: Ability to supervise a workforce of diverse skill levels and disciplines; ability to communicate clearly, both verbally and in writing; knowledge of standard sampling plans and procedures to evaluate data, discrepancy and deficiency ability to conduct quality assurance studies analyze the results and develop sound recommendation for appropriate corrections; ability to interpret and apply contract and engineering specifications, regulations policy statements and other similar guidelines materials as they relate to quality assurance; knowledge of quality assurance principles, practices and techniques, pa ticularly government specifications AR-01/92, MIL-Q-9858, MIL-1-45208; knowledge of and willingness to support the Federal EEO policies and goals.

Announcement No. 3661, Supervisory Interdisciplinary General/Electronic/Mech Physicist, DP-801/830/897/1310/3/4, PAC No. 8236666E50, Code 3604 - This position is located in the Sidewinder Program Office, Engineering Department. The incumbent will serve as the Deputy Sidewinder Program Manager for Product Improvement, research, development and testing of AIM-9 missile weapon systems. The incumbent is tasked with the technical management responsibility for directing the AIM-9 Sidewinder program efforts in product in provement, research, development, and testing. The duties





DIVINE SERVICES PROTESTANT Sunday Worship Service 1000 Sunday School 0830 ROMAN CATHOLI

Rental CALIFICEIC		
unday Masses 08	30 & 1130	
Daily Mass (except Saturday)	1135	
unday Religious Education Classes	1000	
JEWISH		
riday in the East Wing	1930	
UNITARIAN		
unday, Annex 95, as announced	1930	

score of 38-22.

The healthy lead held throughout the game against Highland High gave Burroughs Coach Larry Bird the opportunity to utilize all of his players, and work at trying to perfect different aspects of the game along the way. With one exception, everyone playing for the Burros got in on the scoring as the Ridgecrest team racked up its highest point total of the still-young season.

rebounder with 9.

and Bridgeport).

The new season at Topaz begins on Jan. 1, and those willing to brave the cold weather will find that between 30,000 and 40,000 nineinch trout planted late in the fall will have grown to a very respectable size by opening

Women's Individual Bicycling Diane Lucas, 1 hr., 12 min., 22 sec.; The California-Nevada border divides the lake, but the south end of it is in California Michelle Bailey, 1:14:08; Wendy Burge, and a California fishing license will be 1:32:20. adequate as long as the angler stays near Women's Team Overall Marion Love (swimmer), Jerry Mumford the highway.

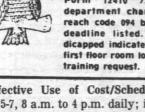
surfaces.

The generation of optical surfaces by diamond single-point turning is of much interest because use of this method results receivers over his past 23 years of emin significant cost savings compared to ployment at China Lake. ventional fabrication methods and because unconventional surfaces and components can be produced readily. This Branch in the Electronic Warfare Departmakes radically new system designs possible

In cooperation with a machine tool vendor, Dr. Decker designed an advanced airstatic-bearing spindle and two-axis carriage Johantgen has made notable contributions that has been duplicated many times in machines produced for private industry by the vendor. Dr. Decker's work not only advanced the state of the art, but contributed to the transfer of advanced technology to industry, where it is being used to produce components for military

systems In recent months, the NWC single-point diamond lathe has been rebuilt with a highly advanced two-axis servo control system that utilizes interferometric control. After development of appropriate software, this modification will allow NWC to generate optical surfaces of potential utility in advanced designs for military electro-optical

systems. According to Dr. E. B. Royce, head of the



December 17, 1982

Burros win 2 . . . (Continued from Page 6)

impressive foes, the Burros easily outplayed the visitors from Highland High in Bakersfield last Saturday night.

Setting up in a stingy zone defense from the opening tip-off, the Burros quickly determined the outcome of the game by jumping off to a 22-9 first-quarter lead. The Scots, who had nothing much in the way of shooting going for them in the first 8-min. of play, did better in the second quarter, but still left the floor at halftime trailing by a

Means was the game's top scorer. He tallied 22 points despite sitting out the entire fourth quarter. In addition, the playmaker for Burroughs also had 10 assists and grabbed six rebounds.

Bobby Bruce pumped in 15 points for the Burros. He hit on six out of seven tries from the floor, and tallied 11 points in the fourth quarter when the Ridgecrest team outscored Highland 26-13.

The BHS scoring parade also included 12 points by David Jones and 9 by John Revnolds, while Dan Grattan was the top

Trout season begins

Jan. 1 at Topaz Lake

Anglers who want to start their trout fishing season early will have the opportunity to do so at Topaz Lake (located beside Highway 395 between Carson City ROCKETEER



Staff Officer, to young Ryan Miller, first place winner in the Junior Division of the mini-

triathlon. Other division winners were (1.-r.) Diane Lucas, Women's Veteran Division;

Wendy Burge, Women's Junior Division; and Jerry Gentry, Men's Veteran Division.

Richard Mello, winner of the Men's Senior Division, was unable to be present for the

Results of mini-triathlon . . .

(Continued from Page 6)

21:55; and David Feldman, 22:46.

and David Laurence, 1:35:41.

49:44: and Paul Carroll, 52:59.

Michelle Bailey, 2:31:52.

Duane Williams, 20:43; Werner Hueber,

Men's Team Bicycling

59:46; Guy Bien, 1 hr., 3 min., 54 sec.;

Dennis Burge, 1:06:55; Grant Hanson,

1:07:03; Don Waldron, 1:14:49; Bill Whit-

worth, 1:15:10; Dave Kelly, 1:17:06; Robert

Pulcare, 1:18:34; Bob Campbell, 1:24:20;

Men's Team Running

Nabb, 36:58; Tom Sakai, 41:40; Bob Hudson,

42:26; Steve Schaniel, 44:24; Bill Whitworth,

Women's Individual Overall

Veteran Div. - Diane Lucas, 2:25:40; and

Women's Individual Swimming

Michelle Bailey - 15 min., 49 sec.; Wendy

Women's Individual Running

Diane Lucas, 50 min., 20 sec.; Michelle

Bailey, 57:54; and Wendy Burge, 1:28:37.

Junior Div. - Wendy Burge, 3:25:10.

Burge, 16:17; and Diane Lucas, 18:51.

Tom Rindt, 36 min., 54 sec.; Billy Mc-

Dave Maddox, 57 min.; Anthony Kratz,

(runner), Mary Ann Gallagher (bicyclist), 2:10:58; and Nancy Zimmerman (swimmer), Barbara Banazcyski (runner), and Elaine Wiley (bicyclist), 2:22:49.

-Photo by PHAN Rebecca Carpenter

Women's Team Swimming Michelle Wright, 13 min., 4 sec.; Marion Love, 14:52; Heidi Hass, 16:47; Nancy Zimmerman, 19:25; B. J. Holden, 26:58.

Women's Team Running

48:15; Betty Lajeunesse, 49:42; Delores (222). Kratz, 50:02; Barbara Banazcyski, 50:18; Carol Burge, 55:15; and Kassey Clingan, 1:12:12.

Women's Team Bicycling

Mary Ann Gallagher, 1:10:35: and Elaine Wiley, 1:12:01.

Mixed Team Overall

Schaniel (runner), Guy Bien (bicyclist), 2:02:16; Heidi Hass (swimmer), Delores Kratz (runner), Anthony Kratz (bicyclist), 2:07:13; Ray Martinusen (swimmer), Carol Burge (runner), Dennis Burge (bicyclist), 2:20:58; B. J. Holden (swimmer), Betty Lajeunesse (runner), Grant Hudson (bicyclist), 2:25:08; Werner Hueber in 10 points each for the Poochies. (swimmer), Mary Kilpatrick (runner), Bob Campbell (bicyclist), 2:37:14; Dave Laurence (swimmer), Kassey Clingan (runner), David Laurence (bicyclist), was the high point in this game with 14, and 3:02:44

Buggy Bath keglers lengthen lead in Premier League

The Buggy Bath keglers extended their lead in the Premier (scratch) League by posting a 17-3 win in their Monday night match with the Raytheon Sidewinders.

The National Car Rental bowlers are in second place, 81/2 points off the pace, while the ERI Hustlers have moved up to third place.

Turner's Real Estate advanced from seventh to fifth place in the league standings as the result of being awarded all 20 points when the opposing team representing The Place failed to have at least three bowlers present on Monday night.

High team game for the night was the 1,059 rolled by National Car Rental, while the Buggy Bath squad garnered high team series honors with a score of 2,961.

Premier League bowlers who topped the 600 series mark, and their scores, were: Pat Nalley (662), Aaron Kane (647), Lynn Potter (644), Jack Brown (607), Jim Dillon (602), and Leon Watson (601).

Those with single game scores of more than 220 were: Nalley (255 and 221), Kane (247 and 221), Allen Smith (245), Brown (243), Ron Jackson (238), Ernie Lanterman (235), Potter (234 and 224), Vern McGuire (231), Glen Collins (228), Watson (225), Dick Reymore (224), Keith Becker Jerry Mumford, 44:19; Mary Kilpatrick, (223), and Dave Stahlin and Ralph Smith

Intramural tilts. . . (Continued from Page 6)

Garyl Smith, of Pearson/Loewen's was the top scorer in the game against the Brews Brothers as he chalked up 18, and it was Scott Smith of the Poochies who led his team Michelle Wright (swimmer), Steve in the scoring department in its win over Butler Vending.

> The Poochies made it two wins in a row last week by a 49-39 victory over Pearson/Loewen's. Dale Christiansen was the high point man in this contest as he tallied 16 in a losing effort for the Pearson/Loewen's quintet. Scott Smith and Dean Olsen chipped

Butler Vending bounced back from its 50-48 loss to the Poochies to outscore the NWC Bombers 43-31. Rowland of Butler Vending Bob Pulcare tallied 10 for the Bombers.

Four Centerites receive Michelson Laboratories Award

(Continued from Page 1)

Over a period of years, Dr. Decker, who heads the Advanced Optics Technology Branch of the Research Department's Physics Division, has been the driving force and sacrifice of much spare time." behind the NWC diamond machining research facility.

Decker for the Michelson Laboratories "were achieved under very difficult (i.e., marginal project funding) conditions and required unparalleled personal dedication,

Presentation of the Michelson Laboratories Award to Johantgen was based on his significant contributions to antiradiation missiles and radar warning

Johantgen, a supervisory engineer who heads the Missile Guidance ment's RF Development Division, also is the program manager of the Antiradiation Projectile Program (ARP).

For more than two decades at NWC, as a design engineer, system engineer, program manager and line manager.

In nearly all projects, C. B. May, former acting head of Code 35 who nominated Johantgen for the Michelson Laboratories Award, reports, the award recipient has been at the forefront of technology, pushing forward the state-of-the-art.

The programs that Johantgen has been associated with have, almost always, May states, "ultimately resulted in Fleet hardware, increased tactical warfare capability and outstanding recognition for the Naval Weapons Center as a leader in tactical weapons development."

ARP is the most recent program to benefit from Johantgen's leadership. It is recognized by Center management and Research Department, who nominated Dr. nationally as the next generation of an-

tiradiation missile (ARM) technology, and Award, the accomplishments of Dr. Decker is expected to result in the Center being projected back into an active role as an ARM design and development activity.

> "Because of the technical innovations and the need for the product (Antiradiation Projectile), Johantgen and his team have made NWC the recognized experts in antiradiation systems," May added.

Dr. Smith was selected to receive the Michelson Laboratories Award in recognition of his contributions to the advancement of weapons systems.

A supervisory electronics engineer in the RF Anti-air Branch of the Weapons Department's Weapon Synthesis Division, Dr. Smith has, since joining the work force at China Lake in 1971, made important technical contributions to NWC guided missile programs while performing in an outstanding manner as a line supervisor.

By his contributions to programs ranging from the AIM-9L Sidewinder missile to his present assignment as systems engineer on the Advanced Common Intercept Missile Demonstration (ACIMD) Program, Dr. Smith has become a nationally recognized expert in missile guidance, control, weapons simulation, and target modeling.

Through Dr. Smith's efforts (both technically and managerially), a capability was developed that now is making important contributions to the ACIMD effort. as well as to other RF missile programs, such as Sparrow, Paul Homer, former head of the Weapons Department's Weapons Synthesis Division, noted.

In addition, Dr. Smith was commended for his outstanding effort as chairman of the Missile Evaluation Group - a Joint Service body composed of representatives from military service laboratories and operational forces that has the responsibility of developing anti-air missile systems performance estimates covering the areas from tactical employment to terminal effects.

As a result of continuing to excel in technical aspects of the work at NWC, Dr. Smith has gained recognition as a national expert in the areas of bank-to-turn guidance and radome error slope compensation and control. It is anticipated that his efforts and expertise will directly impact key decision points in the next generation of airframe/propulsion systems for tactical airto-air missiles, his former division head reports.

Opportunities . . .

(Continued from Page 2)

include: management and control of system evaluation analysis (performance and cost), electromagnetic vulnerability testing, telemetry, system interfaces, In tegrated Logistics Support (ILS) subsystems such as fuzing, warheads, motors, wings, and rollerons; consultant for RDT&E to Air Force and Navy Commands and field activities participating in the Sidewinder Tasks; planning, organizing implementing and providing management irection of the Sidewinder research, development, testing and evaluation programs that involve long range schedules; planning budget, developing procurement and contract plans and monitoring plans through to completion. Incumbent will supervise a group of engineers; and assume the duties of the program manager, as assigned, in his absence. Job Relevant Criteria: Knowledge of state of art short range air-to-air missile technology; knowledge of NWC, NAVAIR, Navy, DoD, and other service RDT&E programs; ability to organize, schedule, budget, plan and follow through on required effort; and ability to effectively communicate both orally and in writing; willingness to ravel frequently; ability to perform supervisory duties as required by the Demonstration Project; knowledge of and willingness to support the Federal Equal Employmen Opportunity policies and goals. Promotion to the DP-4 level is not automatic.

Page Seven

Page Six

ROCKETEER

December 17, 1982



Team play underway in '82-83 season of intramural basketball

The 1982-83 season of competition in the NWC/Ridgecrest Intramural Basketball League began last week at the Center gym.

In the four-team Competitive Division, the NWC Varsity won its first two games, and there was one win posted by J.B.'s Pizza over the Sierra Auto Recycling quintet.

The Navy cagers had all they could handle in their Dec. 8 tilt with the Sierra Auto Recycling team. The Navy led 48-46 at the half and was hard-pressed to pull out a win by a final score of 87-86.

Millard Bell, of the NWC Varsity, was the game's top scorer with 34, while Mike Graham tallied 31 for Sierra Auto Recycling.

The NWC Varsity had an easier time of it in rolling to an 86-67 win over Emhiser. The Navy led by 6 points (36-30) at the half, and went on to win by a 19-point margin of 86-67. High point honors were shared by Skip McIntosh, of the NWC Varsity, and Steve Felix, of Emhiser, who scored 23 points each.

In their second game of the week, the Sierra Auto Recycling cagers came out on the short end of a 98-63 final score against the J.B.'s Pizza squad. The pizza munchers got off to a 45-30 halftime lead. Daryl Moline hit 29 points for J.B.'s, and William Blankenship was the top scorer for Sierra Auto Recycling with 18.

In the 2-division recreation section of the Intramural Basketball League, the Rookies edged the Floor Burners 40-36, and Uno Two clobbered PRC 69-33 in a pair of American Division contests.

Lester Murray and Jerry Polly, each with 18 points for the Rookies and Floor Burners, respectively, were the top scorers for these two teams in their game, while Jose Esparza's 21 points was tops for Uno Two in its lopsided win over PRC.

Two close games highlighted action in the National Division. The Brews Brothers, led by Brant Tunget, Rod Lewis, and Steve Mendenhall, who tallied 10 points each, edged Pearson/Loewen's 50-49, while the Poochies nipped Butler Vending 50-48.

(Continued on Page 7)

71 athletes enter mini-triathlon, results reported Weather that was nearly ideal for such an also had the best times overall in the men's 48:05; M J. Duigan, 49:13; Melvin Lopez, event made for a morning of pleasant veterans' and women's divisions of the 49:15; Jerry Gentry, 49:24; David Hass, competition last Saturday for the 71 persons meet, respectively.

who entered the mini-triathlon sponsored by the NWC Recreation Services Department At the conclusion of this triple-sport event, Capt. Scotty Vaught, Chief Staff Officer,

presented medals to the overall winners in the individual and team events, as well as merchandise awards and certificates good for other prizes that were given away.

Donors of these prizes were Foster's Doughnuts, J.B.'s Pizza, T.J. Frisbee Bicycle Shop, and Inland Seafood.

Object of the mini-triathlon was to complete, in the fastest time possible, a half-mile swim, a 25-mile bicycle ride, and a 6.2-kilometer run

There were 32 single entrants who competed in all three events, and 13 threemember teams whose members vied in one or another of the three events. Men's women's and mixed teams were placed in one of three age brackets: junior (under 16 years of age), senior (16 through 39), and veteran (40 years of age and over).

The two individual standouts in the minitriathlon were Richard Mello and Diane Lucas, who placed first in both the individual running and bicycling events, and 39:34; James Dixon, 46:35; Bob Westbrook,

victories last Friday and Saturday nights.

The Burros invaded the lair of the always

The winners and top runners-up, and their

WINNING TEAMS RECEIVE MEDALS - Capt. Scotty Vaught Capt. Vaught, who is congratulating Jerry Mumford; Marion Love

presents medals to winners of the team events in the mini-triathlon. and Mary Ann Gallagher, all three of whom shared top honors in the

who placed first in the men's division; and standing (from left) Schaniel, the winning trio in the mixed division.

Kneeling are (I.-r.) David Maddox, Billy McNabb and Joe Nissley, women's division; and Guy Bien, Michelle Wright, and Steve

times, were

Men's Individual Overall Junior Div. - Ryan Miller, 2 hr., 52 min.,

4 sec.; Mark Buffum, 4:28:2. Senior Div. - Richard Mello, 1:56:8; Roger McDiarmid, 2:10:33; David Hass, 2:12:56; Ron Wallace, 2:11:5; David Laurence, 2:16:13; Melvin Lopez, 2:20; Fred Whitfield, 2:25:6; M. J. Duigan, 2:29:11; Paul Deruiter, 2:32:16; and Tom Wee, 2:32:30.

Veteran Div. - Jerry Gentry, 2:21:31; Bob Westbrook, 2:28:18; Dan Wagner, 2:43:10; Elbert Bailey, 2:58:58; Larry Mathews, 3 hrs., 16 sec.; Mike Todd, 3:11:16.

Men's Individual Swimming

David Hass, 11 min., 24 sec.; Ron Wallace, 12:01; Richard Mello, 12:41; David Laurence, 14:01; Donald Haskins, 14:45; (runner), Robert Pulcare (bicyclist), Fred Whitfield, 15:45; M. J Duigan, 16:01; 2:36:02. Clint Seal and Paul Deruiter, 16:07; and Roger McDiarmid, 16:11.

Men's Individual Running

Richard Mello, 39:07; Roger McDiarmid,

BHS varsity boys defeat Victor Valley, Highland

for the 1982-83 season by posting two more put together the ingredients for a win over the 'rabbits.

The Burros, who led 46-42 at the end of the tough Victor Valley High School Jackrab- third period of play, outscored the Vicbits on Friday night and returned home with torville team 19-15 in the final 8 min. of action. During the fourth quarter, steady The "bunnies" were another good test of nerves were displayed at the free throw line Burroughs, who each canned three out of

> Dan Means, field general from his guard position for Burroughs, had his most accurate shooting night of the season as he hit on 10 out of 18 field goal tries and ended up with a total of 21 points for the evening. Means was particularly hot during the second quarter, when he tallied 10 of the 17 points scored by Burroughs.

> Other BHS players to make it into the double-figure scoring column were Grattan, Mike Bailey and Fry, with 16, 11, and 10 points, respectively. Grattan and Bailey also nabbed 8 and 7 rebounds each.

The game's high point man was Dennis Cal, outstanding player for the Victorville team, who chalked up 26 including 13 of his team's 15 points in the fourth quarter. A distant runnerup to Cal in the scoring department for the Jackrabbits was

After two tough wins in games against (Continued on Page 7)

19:19; David Laurence, 50:12; and Donald Haskins, 50: 18.

Men's Individual Bicycling

Richard Mello, 1 hr., 2 min., 25 sec.; Ron Wallace, 1:04:36; Melvin Lopez, 1:05:26; Paul Deruiter, 1:07:27; Jerry Gentry, 1:07:50; David Hass, 1:08:24; David Laurence, 1 hr., 9 min.; Roger McDiarmid, 1:11:13; Tom Wee, 1:11:25; and Fred Whitfield, 1:13:14.

Men's Team Overall

Joe Nissley (swimmer), Billy McNabb (runner), David Maddox (bicyclist) 1 hr., 47 min., 40 sec.; Bruce Howard (swimmer) Tom Rindt (runner), Bill Whitworth (bicyclist), 2:07:24; Duane Williams (swimmer), Tom Sakai (runner) Don Waldron (bicyclist), 2:18:35; Bruce Trenholm (swimmer), Bob Hudson (runner), Dave Kelley (bicyclist), 2:20:48; David Feldman (swimmer), Paul Carroll

Men's Team Swimming

Joe Nissley, 12 min., 59 sec.; Bruce Howard, 13:50; Dave Laurence, 14:01; Ray Martinusen, 17:51; Bruce Trenholm, 20:10; (Continued on Page 7)

For a different gift, consider a fishing license

A different and much appreciated Christmas present for California's anglers is now available. California sport fishing licenses for 1983 went on sale at license agents recently, as well as at Department of Fish and Game offices.

Fishing licenses are issued for the calendar year. The new licenses will be required for anyone fishing on or after Jan. 1, 1983.

Rising costs by the Department of Fish and Game will be reflected in the fees. For state residents, the basic fishing license will cost \$6.75; fees for inland waters and trout and salmon stamps are \$2.75 and \$4 respectively, and the one-day salmon and steelhead stamp is \$1.25.

Fees for the one-day Pacific Ocean license and the striped bass stamp will remain at \$2 and \$3.50, respectively.

Non-resident fees include fishing license, \$26.50; 10-day fishing, \$10.50, and three-day Pacific Ocean fishing, \$5.25.

Persons interested in buying fishing licenses as Christmas gifts need to provide the name, address, year of birth, height, weight, sex and color of hair and eyes of the individual for whom the license is being purchased. That person must sign it before the license can be used, however.

Still effervescing from their homecourt

win the preceding Tuesday night over the Bakersfield High School Drillers, the Burroughs High School boys' varsity basketball team improved upon its record

Burros girls break

game open in 4th

quarter, win easily

A fourth quarter outburst during which they outscored Victor Valley 24-3 turned what had been a close game into a 54-28 rout Tuesday night by the Burroughs High School girls' varsity basketball team.

The Burroettes led all the way in a lowscoring game and, after three periods of play were out in front 30-25 when the roof fell in on the Victor Valley squad.

Charlene Kessler had one of her best nights of the season as she tallied 20 points on 9 of 14 field goal tries and 8 of 11 free throws. She also led the Burros' varsity girls in rebounds with 20.

Runners-up to Kessler in the scoring department for Burroughs were Kristell Kinkennon, who tallied 10, and Cecilia Scanlon, who had 8 points.

The Burroughs High team got off to a 12-6 first quarter lead in the game played at Victorville, and led 22-14 at the half.

the potential of the defending Golden by Danny Grattan and John Fry of League and Class 2A CIF champs from Burroughs, while the Saturday night outing four charity tosses. at home against the Highland High Scots from Bakersfield was a breeze for the Burros, who knocked off the visitors by a 37point margin of 92-55.

Last Friday night in Victorville, Burroughs and Victor Valley battled to a halftime score of 32-32, after the Burros had led 15-14 at the end of the first quarter of play

The Ridgecrest team built up a 5-point lead in the second period, only to see it melt away as the result of turnovers and fouls before the halftime intermission.

In a game that was tight all the way, the Burros once again got their lead up to 5 points with 1:40 left to play in the third quarter, and held the lead for the remainder of the game.

In the last 4 min. of the contest, the Ridgecrest cagers were successful in com- Morales, who tallied 10. bining ball control and a pressing defense with some clutch free throw shooting as they

December 17, 1982

ROCKETEER

Page Three

The Skipper sez



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 egment of the China Lake community. Answers to these questions are directly from Capt. Lahr. 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 three or four questions can be answered 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 otherwise. There is no intent that this column be used to subvert normal, established chain of mmand channels.

QUESTION

Military dependent - I am incensed regarding the recent inquiry into the civilian support of the health and welfare inspections. I would like to know if it is assumed that all military families support this policy or if it is just that we are powerless to oppose it and therefor our opinions are not worth considering.

I wonder if my husband has risked his life to support and defend a policy on freedom that doesn't apply to himself or his family, and does it automatically follow that anyone who opposes an invasion of their right to privacy has something to hide? I believe Senator McCarthy thought so regarding anyone who opposed his witch-hunting techniques.

ANSWER

You were angry when you called and probably still are. You needn't be, at least not for the reasons you state. At the time of the inquiry (which by the way was a true grass roots movement and was in no way Command inspired or sponsored), the American Civil Liberties Union (ACLU) was bringing a suit against me to stop health and welfare inspections in civilian only occupied homes at China Lake. Consequently, the Community Council leaders felt that it was incumbent that the civilians living on Center "stand up to be counted."

It wasn't a matter of military families being powerless, it just wasn't pertinent to the problem at hand to solicit their opinion. So much for answering your question!

I'd like to address what I perceive to be the thrust of your call. From the beginning I made the point amply clear at all levels of Command that there would be health and welfare inspections utilizing a drug-detecting dog for all of housing, or there would be none at all. We were not going to discriminate by rank, rate, pay grade, or GS level. I would never allow military occupied houses to be inspected while allowing civilian occupied houses to be exempt, even if the ACLU suit had gone to court and we had lost.

I am painfully aware that not everyone on Center agrees with my policy in this matter, but I am confident that most did, and I am positive that these inspections did deter the use of drugs. As it turns out, the Chief of Naval Operations issued an instruction on Nov. 29, 1982, forbidding health and welfare inspections utilizing a drug-detecting dog, so the ACLU suit became non-operative as did further debate on the rightness or wrongness of the program.

For your information, I have not allowed any family unit on this Center to be inspected with a drug-detecting dog since mid-September while awaiting Navy policy statements on this matter.

QUESTION

Civilian employee and retired military - I have one question concerning the contractors on the houses that are being demolished and the trees that are in the housing area. I think it's one heck of a waste to have those trees just ground-up. Some people can use them for firewood, and as for myself, I use them for art work. I just think it is an awful waste to see them ground into the ground.

There are approximately 150 to 300 trees in that area that haven't been razed at this time. There is, I imagine, a good 100 cords of wood that people could use to heat their homes. I just think this is an awful waste. Thank you very much. ANSWER

It would seem you have a valid point, however, as is usually the case there is more to the situation than meets the eye.

The demolition contract we negotiated provided for the removal of trees and stumps by the contractor. Therefore, ownership of the trees within the area effected becomes the contractor's, as does all other material

The contractor has hired a local subcontractor to perform the tree removal with the intention of selling it as cordwood. However, during the first day of the tree removal the subcontractor injured his foot badly. Since he was a subcontractor on the demolition contractor's payroll, he came under the insurance of the prime contractor.

With this experience already costing him a claim against his insurance policy, the demolition contractor decided to perform the removal by bulldozing and burying.

The contractor is billing the Government \$20 per tree for removal along with stump. Presumably if he saw a means to make a profit by selling the trees as precut cordwood, or whatever, he might be interested. He can be contacted at his off-Center salvage yard on Richmond Road west of the fairgrounds in case you are interested.

QUESTION

Military retired - What is the restriction on using the Navy Exchange to buy uniform items? I was refused the right to buy skivvies and socks the other day based on the fact that I am retired military and not on active duty. If there are any restrictions, I think they ought to publicize them since I waited in line for about 20 minutes to be refused that sale. Thank you very much.

ANSWER

When I asked for some help in answering your question, I wrote the following in a note to the Navy Exchange officer: "I can hardly wait to see why we refuse to sell skivvies to a retired military member." When you read this, we'll both have our curiosity satisfied

The Exchange sells two types of uniform items. One is supplied by commercial manufacture and can be sold to anyone possessing a valid ID card. These items are in Department "E-1" and have white price tags.

The other source of uniforms is Government issue, which are usually less expensive and generally are not of as high a quality as "E-1" items. These items are Department "L-1", and are marked with yellow price tags. They correspond to the old "small stores" items that old salts will recall and are not authorized for sale to non-active military. There are signs posted indicating sales restrictions on yellow tag "L-1" items.

Have a nice day shipmate. By the way, if you reenlist, we'll let you buy anything in the store.

GOOD WISHES AT CHRISTMAS With the Yuletide season once again at hand, it is timely and fitting to

extend sincere best wishes for the happiest of holidays and a successful and productive new year to all military and civilian personnel of the Naval Weapons Center and their families.

At this time of the year our thoughts also are drawn to the deeper meaning of the holiday season and its message of "peace on earth, good will toward men," as we reflect on the part that efforts made here are playing, and will continue to play, in helping to maintain the freedom of many peace-loving nations around the globe.

With a feeling of satisfaction in the results of the past year's efforts, and looking forward with optimism to the future, we wish each and every one of you the most joyful of holiday seasons, filled with warmth and cheer, and a new year that will bring both happiness and fulfillment. Burrell Hays

Capt. Jude Lahr

NWC Commander **刘忠王的张子子,我不是我的没有到我没有没有没有没有没有没有没有没有**

Computer aided design . . .

(Continued from Page 1) can be made quickly and easily, and much of the configuration management task can be accomplished automatically.

The engineer can have the system perform finite element analysis of the stresses in and forces acting upon the part modeled in the database. Computervision supports six of the finite element modeling (FEM) languages (including MSC NASTRAN and SAP).

In FEM pre-processing, a complex part is broken down into simple elements, and each element is described in terms of its nodes, or corners. Post-processing displays the stress contours and displacements after the main frame has found a simultaneous solution for all component elements.

Similarly, mass properties calculations can be made for each of several subassemblies to determine such things as mass, volume, cross sectional area, center of gravity, moment of inertia (stiffness), and cross moment of inertia (will it wobble?). Then the properties of the individual subassemblies can be merged together to obtain a description of the total assembly.

Having the system generate the tool path is a step that can save man-weeks of effort on a complicated part. Once the system has generated the tool path, it is possible to simulate the milling of the part visually. This method of tool path verification has both cost and time advantages over the conventional practice of mounting a block of cheap aluminum and waiting to see what breaks.

Engineers are finding the Computervision system quite simple to use. They reach a break-even level of proficiency after about two weeks of training. A schedule of courses has been published, and the basic classes

are being repeated as needed. For anyone anxious to get started immediately. Code 3305 can provide a selfteaching cassette course. There are also trained operators who will enter drawing information into the computer, working from an engineer's sketch or drawing.

Technical Director

This service makes it possible for an engineer, not yet familiar with the system. to take advantage of the many tools available. - By Louise Schlinkert

Problems worked out so paving, overlay

of streets can start

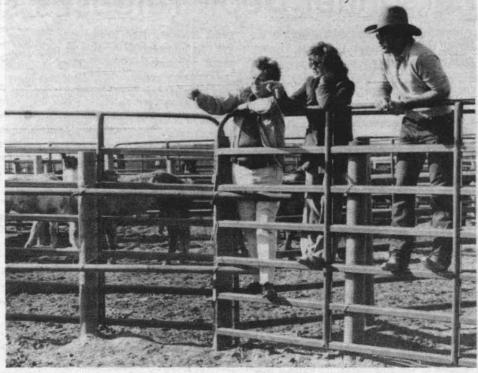
Some relief is in sight for motorists on the Naval Weapons Center whose use of several of the main traffic arteries in main site area has been hampered by on-going construction work for the past three months.

Starting either today or Monday, workmen for the Desert Construction Co., will begin paving some of the open, unpaved sections of East Inyokern Road, and also will complete the installing a 11/2-in. thick

Recent rains have caused problems by creating puddles of standing water in trenches and along sections of curbing, but the main problem to date in performing this work has been difficulty in getting the proper slope or grade before the paving can be laid.

Energy conservation tip

Keep windows near your thermostat tightly closed, otherwise it will keep your furnace working after the rest of the room has reached a comfortable temperature.



CHECK THAT ONE - Cleveland Amory, president of the Fund for Animals; Loretta King, the Center's Assistant Public Affairs Officer; and John Peek (at right), who manages the corrals at which the horses are stabled, look over the animals that were captured on the Center's ranges. The horses are now available for adoption. They can be seen at the holding corrals located at the intersection of Highway 178 and the Randsburg Wash Road. -Photo by Randy Eady



HELP FOR HANDICAPPED - A contribution of \$150 was presented recently by the Kracker Jack Klowns to Aletha Benson (in center) physical therapist who works in the special education program at Richmond Elementary School. The clowns, a group of NWC employees and their dependents, are sponsored in their local philanthropic endeavors by VFW Ship 4084 of Ridgecrest. Those in this photo are Jeff Donnally (kneeling) and Jeri Meteiver and Sue Fitzwater (standing at right). The clowns pick up contributions throughout the year for performing at functions for various local veterans and fraternal groups, and it was this fund that was tapped to provide the money for a side line positioner. This device, Ms. Benson, explained permits a handicapped person who lacks some functions on one side to be held firmly in position while an arm or leg can be exercised during physical therapy sessions. — Photo by PHAN Rebecca Carpenter

Retirement ceremony Dec. 29 to conclude 31-year military career of Cdr. Kincheloe

Cdr. J. W. Kincheloe, head of the NWC as the Aircraft Maintenance Control Officer

Aircraft Department's Aircraft Support Division, will be retiring soon from the Navy, but has no plans to leave the local area

Cdr. Kincheloe, who was among those singled out for recognition at a "hail and farewell" party held last Tuesday night at the Commissioned Officers' Mess, will bring to a close his 31-year career in the Navy during a retirement ceremony that has been scheduled on Dec. 29.

Cdr. Kincheloe served here from 1967-71

at the Naval Air Facility, and returned to China Lake for his final tour of duty which began in September 1978.

Two of Cdr. Kinechloe's sons are on active duty in the Navy and will be here for theirfather's retirement ceremony. They are Ens. James T. Kincheloe, a naval aviator who is assigned to Training Squadron 27 at Corpus Christi, Tex., and OS3 Timothy Kincheloe, who is serving on the helicopter carrier USS Okinawa, homebased at San Diego

File early to avoid increase in fees for EIT, PE examinations

Training (EIT) and Professional Engineer facilities in California must be verified for (PE) examinations are being raised. Those who apply early to take the examinations may be able to file at the lower fee.

ROCKETEER

Anyone may take the EIT examination who feels qualified to do so. Passing this examination is considered as a gualification in seeking employment since in Civil Service, a person may be classified as an engineer on the basis of suitable education, experience and passing the EIT although that individual does not hold an engineering degree from a college or university.

Deadline for filing for the EIT is Jan. 21; the examination will next be given on April 16. The EIT examination fee is expected to rise from \$20 to \$40 shortly.

Ray Van Aken will teach a preparation course for the EIT examination at Cerro Coso Community College, starting in January and lasting until shortly before the examination itself.

Timecards must be submitted early due to Christmas holiday

All personnel who are responsible for the submission of timecards are reminded that because of the Christmas holiday on Friday, Dec. 24, timecards for the regular work week ending on Dec. 25 must be turned in by 8:30 a.m. on Wednesday, Dec. 22.

This is necessary in order to meet the regular payday on Dec. 30. No timecards are to be held out, since failure to provide the Payroll Office with an accurate timecard by the Dec. 22 deadline may result in a delay in pay for employees.

In order to meet the uec. 22 deadline, it will be necessary for departments to project or estimate what will occur on Wednesday, Thursday and Friday, Dec. 22, 23, and 24, and submit timecards by 8:30 a.m. next Wednesday

On Wednesday afternoon, if it is discovered that any timecard projections are in error as submitted, the errors can be corrected by sending a revised timecard to the Payroll Office between 2 and 4:30 p.m. on Dec. 22.

Any errors discovered after the Dec. 22 deadline should be corrected the following week by sending a memorandum to the Payroll Office, Code 08641

Any overtime that is worked after 7:30 a.m. on Dec. 22 through 12 midnight on Saturday, Dec. 25, should be submitted on a supplemental timecard for payment the subsequent pay period.

Application fees for the Engineer in Many facilities and plans for building safety and standards by professional engineers. Those who wish to take the PE examination must write to the State Board of Registration for Professional Engineers, 1006 Fourth St. Sacramento, Calif. 95814, or telephone (916) 445-5544, to get an application. Filing fee for the PE examination has been \$60, and may rise to \$120.

December 17, 1982

The application cites education, accomplishments, and experience; these, in conjunction with passing the PE examination, entitle an individual to be listed as a professional Engineer

Turn off holiday lights

The Center's Energy Program Office suggests that lights on Christmas trees and home decorations (both indoor and outdoor) be turned off when residents leave the house or when they retire for the night.

Turning the lights off serves two purposes: it saves energy, and it is also a fire safety measure. Lights left burning all night can heat tree branches or walls sufficiently to become a fire hazard.

Police reports . .

Two crystals valued at \$70 were stolen last week from a government vehicle radio.

The theft occurred while the vehicle was left overnight in the BEQ parking lot. Unknown suspects dismantled the radio and removed the crystals

HAND GUN STOLEN

A resident of the Capehart B housing area called China Lake police last week to report that a hand gun had been stolen from his dwelling place.

The gun, a short barrel .357 caliber Colt Python, is valued at \$350.

THEFT AT SCHOOL REPORTED Theft of a balance beam scale valued at \$100 was reported last Monday to China Lake police by officials at Murray Junior High School.

The scale, which disappeared from a chemistry classroom, is valued at \$100.

VEHICLE MISHAPS INCREASE The need for exercising additional care while driving on the Naval Weapons Center was stressed this week by China Lake

By mid-month this December, more than a dozen minor vehicle accidents took place, including four this past Monday.

Of the mishaps on Dec. 13, two of them occurred at the traffic circle, and one each took place at the intersections of Blandy Avenue and Knox Road and at King Avenue and Hussey Road.

D	D .				1
Personnel	Dept.	releases	summer	employment	details

program that will begin next May 13 and continue through Sept. 30, 1983.

Summer jobs will be open in Groups I and II, clerical and non-clerical, respectively, at the GS-2/4 level; Group III, positions in grades GS-5 and up; and Group V summer aides (employment for needy youth). NWC does not fill Group IV summer jobs.

All persons applying for jobs in Groups I, II and III must file applications on or before March 18. At that time they must also file a form SF 171, Personal Qualifications Statement; a Background Survey Questionaire 79-2 (OPM 1386); and those claiming 10-point Veteran Preference must also file an SF 15, with a photo copy of appropriate proof.

Persons applying for jobs in Groups I and II must be U.S. citizens, and either be 18 years of age and or 16 and a high school graduate or the equivalent. No written test is required for either option, and notice of results from previous summer written tests can no longer be accepted.

Applicants for Group I clerical positions must also submit a verification of grade

Information was released this week by the point averages. High school students may Naval Weapons Center Personnel Depart- get this information verified at their high ment about the summer employment school registrar's office; college students GS-5 or above. To be considered for such a may use their college grade point average if they have at least 15 semester or 22 quarter

> Jobs in Group II involve duties of a nonclerical nature. These include such positions as engineering aid, computer aid, math aid, physical science aid, chemistry aid, biological aid, lifeguard, and recreation aid. Applicants do not need to submit a separate application for each specific option but may just indicate the options in which they are interested at the top of the Form SF 171.

College transcripts including classes taken through the winter quarter/fall semester should be submitted; unofficial copies are acceptable. Students who have less than 15 semester/22 quarter hours (or employment for the needy youth between 16 who are graduating from high school in June 1983) must submit a grade point verification only. On a plain sheet of paper they need to take a written test. Sons and headed with the applicant's name and Social Security number, the applicant should also military, are not eligible to apply for Group list all classes that will be completed by June 1983. Those who apply for lifeguard These youth will receive federal minimum positions must also submit a copy of a wage. current Red Cross Advanced Life Saving Certificate.

Group III positions involve professional, technical or administrative work at grade position, the applicant must hold a bachelor's degree, be a graduate student, faculty member, or possess the equivalent in experience related to the duties of the position for which the applicant is applying. College transcripts must be submitted if

qualifications are based on education; unofficial copies are acceptable. NWC may re-employ, without further

competition, its summer employees appointed to Group I, II, or III jobs in 1978. 1979, 1980, 1981, or 1982. Those who qualify should submit forms described in the specified group from which they were previously employed.

Group V positions, summer aids, provide and 21 years of age. These youth are not required to be high school graduates nor do daughters of Navy employees, civilian or V positions unless they are handicapped.

Qualifications Statement; a Background Questionnaire, 11ND-NWC 12308-1 (7-80); and a Background Survey Questionnaire 79-2 (OPM 1386). Filing deadline for Group V jobs is May 1, 1983.

All applications for any summer employment along with supporting forms must either be mailed to the Naval Weapons Center Summer Employment Office (Code 0908), China Lake, CA 93555, or be taken to the Civilian Personnel Office on the Center, 505 Blandy Ave., Rm. 205.

Appointments are made without regard to race, color, religion, national origin, sex, handicap, age or political or personal favoritism.

The required forms are available at high school and college administrative offices, or may be obtained from the Personnel Department at NWC. Anyone seeking further information is urged to telephone the summer program coordinator, Cathy Rogers, at NWC ext. 2348 or 2738.

Because of the volume of applications, candidates will be considered only for the highest level for which they are eligible.

The pay scale per hour, is GS-2, \$4.69; GS-To apply for a Group V position, the ap- 3, \$5.12; GS-4, \$5.74; GS-5, \$6.43; GS-6, \$7.16; plicant must submit an SF 171 Personal GS-7, \$7.96; GS-9, \$9.74; and GS-11, \$11.78.

December 17, 1982

ROCKETEER

Page Five

Tips on alcohol consumption by party-goers offered by EAP

(EAP) offers some smart drinking tips to anyone who attends holiday parties at which alcoholic beverages are served.

Before attending the party, a group should of 80 proof liquor, or 4 oz. of wine, or 12 oz. of EAP at NWC ext. 2574. beer per hour.

festivities, and should ask someone else for a reminder when that amount is consumed forest against law so that a switch can be made to nonalcoholic beverages.

Eating high protein foods such as meats and cheese before the first drink is taken Christmas trees from the Sequoia National also cuts the effect of the alcohol.

Since alcohol dehydrates the drinker, it should be diluted with mixes and ice, and drinking water between trips to the bar also keeps the concentration of alcohol in the blood at a reasonable level.

If an individual over-indulges in alcohol, neither a cold shower nor coffee will help. Roughly, the number of hours needed to sober up equals the number of drinks taken over the one-per-hour sobriety standard.

Any drinking while taking any sort of medication is inadvisable because even the



The above photo, a memento of a year-long period of steady dating with the man she married 26 years ago this week in Washington, D.C., has a special place among the memorabilia gathered over the years by this week's "Remember When ... " personality.

In May 1956 the happy couple exchanged portraits with each other. Both were then and still are Civil Service employees. She was a clerk-typist in the Civil Service Commission's Investigation Division in Washington, D.C., while he was a welder in the old avy Shipyard ther

They remained in the nation's capital for nearly five years before making the move to China Lake in September 1961. Concentrating full-time on raising their growing children - two sons and two daughters - this week's "Remember When ... " column personality was exclusively a homemaker until she resumed her Civil Service career as a clerk-typist in the NWC Engineering Department in December 1970. She has remained a Code 36 employee ever since.

If you haven't recognized this week's "Remember When ... " column personality, turn to page 8.

Editor's note: Reader's contributions of old photos for the "Remember When ... " column can be made by delivering them to the Public Affairs Office, Code 003, attention Beth Holtermans, phone NWC ext. 3511. Please include a telephone number at work so that information to accompany he photo can be obtained.

The Employee Assistance Program combined with alcohol could cause an accidental overdose

The EAP wishes everyone a happy and safe holiday season. Program personnel also remind all Center personnel that if decide who will be responsible for driving alcohol or drugs are interfering with their back home - and that individual should lives or those of a loved one, confidential limit alcohol intake to no more than one oz. assistance is available by telephoning the

Each person should decide in advance just Cutting Xmas trees how much alcohol is appropriate for the from Sequoia Nat'l

The Forest Service reminds everyone that trees cannot be cut and taken for use as

Forest Unauthorized cutting of trees or shrubs on National Forest land is forbidden by federal

regulation. Violators are subject to a fine of from \$50 to \$500, and the tree will be coniscated The Forest Service is joined by the county

Sheriff's Department deputies in patrolling Forest Service lands. To protect future crop trees and scenic

recreation settings, only a comparatively small number of young trees are sold for Christmas trees. These are offered each mildest tranquilizer or antidepressant year to vendors on a competitive bid basis.

Workshop slated on human relations; all personnel welcome

A Human Relations Workshop will be offered from 7:45 to 11:30 a.m. during the week of Jan. 10 through 14; both military and civilian personnel are encouraged to sign up by submitting a training request and authorization form via department channels in time for it to reach Code 094 by Jan. 4.

The workshop, which will be conducted by Bill Werback, will allow participants to become aware of the effects of values as related to stereotypes, prejudices and biases; to develop skills needed for clear communications with individuals and groups; to learn the effects of discrimination on group and individual performance; and to acquire knowledge and skills in effective interpersonal behavior.



IMPORTANT MEASUREMENT - Peggy Murphy from the Energy Program Office checks to be sure that the photovoltaic array will fit in the space back of the guard hut at the main gate where it will power the Center's holiday decorations. Solar-generated electricity will be stored in batteries to be used when darkness falls to provide power for the lights on Santa's sleigh and reindeer starting Monday night.

Copies of brochures on employee health plans are now available

Copies of brochures giving information about each of the 15 different Federal Employees' Health Benefits Program plans that are available to employees of the Naval Weapons Center were received here this week.

Those interested in enrolling for the first time in one of the health benefit plans, or making some other permissible change in coverage, can obtain their own copy of any of the brochures in which they are interested by visiting Room 212 in the Personnel Building.

"Open season" for the Federal Employees' Health Benefits Program began on

295 employees affected . . .

(Continued from Page 1)

other jobs; and 32 reassigned but not demoted. These figures will change during the next three months as some of the affected employees are expected to retire, resign, decline offers made them, or will fill other positions that become vacant on the Center.

Each affected employee was given an information sheet on the "Right of First Refusal" program and an individual RIF information booklet detailing information applicable to that individual's own situation at the time that RIF notification was made.

On Wednesday two meetings were held with employees who will be adversely affected by the contracting of these Center functions. At these meetings employees were given initial information about outplacement programs. (Those who will be reassigned but not demoted are not eligible for the outplacement programs.)

Starting yesterday, individual counseling sessions for each affected employee were begun; these will continue next week, along with registration for priority placement programs and for NWC reemployment priority lists.

Since the Commercial Activities contract contains a "Right of First Refusal" clause, contract have the right of first refusal for employment openings on the contract for which they are qualified. A person does not contracted to be affected.

Those who would be interested in considering employment with the contractor must return the questionnaire to the Personnel Department by Jan. 5; Pan American will begin contacting employees who have indicated that they would be interested in contractor employment on Jan. 17; and employment offers made by Pan Am must be accepted no later than Feb. 11.

While Pan American does not guarantee that each person displaced will be offered a job, the company has previously stated that it intends to hire the majority of its work ployees.

Those who seek more information about the "Right of First Refusal" program are advised to contact their appropriate Personnel Management Advisor (PMA) for specific information.

Severance pay and eligibility for severance pay was also discussed in the RIF information package given each affected employee; more specific questions about such eligibility should also be discussed with the appropriate PMA.

Personnel actions under the RIF become final on March 12, the effective date of the contract, with the exception of separations, which become effective at the close of business on March 11. Other personnel those who are displaced by conversion to actions in job classifications affected will be frozen until March 12.

In addition to the permanent employees affected, as many as 147 temporary emhave to be working in the functions to be ployees may also be affected. Temporary employees who are affected will be given as Each person affected received a "Con- much notice as possible before March 12, tractor Employment Questionnaire" in the but no decision can be reached on their package of RIF information materials. employment until the situation is stabilized.

Nov. 22 and will close next Thursday, Dec. 23, making it mandatory for anyone who may be considering a change in health benefit plans to make a decision and initiate the necessary paper work without delay.

Last week, Enrollment Information and Plan Comparison Charts were distributed via departments to all employees, and now the individual health plan brochures also are available.

New enrollments and changes in current enrollment during the "open season" will become effective on Jan. 9, 1983.

For additional information, employees who have questions about health benefit plans can obtain assistance by calling Eileen Baird at NWC ext. 2018 or 2592.

Tenants asked for opinions on need for

convenience store

An opinion survey is now being conducted to determine the views of China Lake tenants regarding the desirability of a convenience-type grocery store being operated on the Naval Weapons Center.

As part of their copy of the Family Housing Newsletter for December, all tenants received a questionnaire seeking their views on this subject.

Those in favor of such a store being built at China Lake were asked to indicate, as well, the business hours and days of the week they would like to see such a store operated.

Two possible locations - one near the traffic circle and the other in the vicinity of the NWC Federal Credit Union - are being considered. Recipients of the questionnaire were asked to indicate their preference between these two sites, or suggest an alternate site if they wish to do so.

The completed survey forms are to be dropped off at the Housing Office, or in the Employee Services Board (ESB) Office in Room 100-A of the Personnel Building.

The ESB is hoping for a large-scale response to the questionnaire in order to be able to show higher Naval authorities, from whom approval for such a facility must be obtained before it can be established, that a convenience-type grocery store is favored by a high percentage of tenants at China Lake, if, in fact, the survey indicates that this is the case.