**Page Eight** 

ROCKETEER

August 31, 1984



AUDIENCE PARTICIPATION - During a portion of the floorshow presented at the Chief Petty Officers' Mess annual luau, several guests from the audience were given the chance to learn the art of Polynesian dancing, much to the merriment of those who - Photos by Jim Baldwin participated and those who watched.

# Rodeos highlight Labor Day fete at Bishop's Tri-County fairgrounds

Homecoming and Labor Day Celebration the parade. this weekend, with other activities intional Whiskereno contest.

County Fairgrounds. During the dance the Homecoming Queen will be crowned, and the finals of the Whiskereno Contest will be

The horseshoe tourney starts tomorrow morning at 9 o'clock at the Mill Pond recreation area. (Finals for qualifiers in horseshoe pitching will be held at 10 a.m. Sunday, and cash prizes will be awarded.)

A big parade featuring marching units, floats, and lots of equestrians starts wending its way through Bishop at 10 a.m. tomorrow. Since this is an election year, selected.

### China Lake Players' version of 'God's Favorite' opens Sept. 7

Curtain-time is fast approaching for the next China Lake Players' production -"God's Favorite," written by Neil Simon, who is one of America's foremost comedy playwrights.

The China Lake Players' first performance of "God's Favorite" is scheduled next Friday, Sept. 7, at 8:15 p.m. There also will be performances on Sept. 8, 14, and 15, all at 8:15 p.m. at The Playhouse (located at the corner of Lauritsen Road and Blandy Avenue).

In addition, there will be a matinee presentation at 3 p.m. on Sunday, Sept. 9.

Daryl Vaughn has the title role in "God's Favorite." Others in the cast are Beth and Bob Hoffman, Barbara Vaughn, Ben King, Lillian Laskey, Bob Tuck and Warren Jaul. The play's director is Vonnie Goss, assisted by Alice Luedtke as stage manager.

General admission is \$3.50 per person, and there is a \$2.50 price for young people under 18, senior citizens, and enlisted military personnel and their families. an adult and \$6.95 for a child; and Univer-Tickets can be ordered by contacting The sal Studios, \$9 for an adult and \$6 for a Music Man in Ridgecrest, phone 375-4001. child.

### Rodeos highlight the 52nd annual Bishop lots of dignitaries are also expected to be in

Tomorrow's other activities include a cluding a parade, a dance, a breakfast, a barbecue at 5 p.m., and the Homecoming horseshoe pitching tourney and the tradi- Dance at the Charles Brown Auditorium at 9 p.m. Rodeo lovers, however, will forego The fun begins tonight with a dance at the the dance to attend a Professional Rodeo Charles Brown Auditorium at the Tri- Cowboys of America-sanctioned rodeo starting at 8 p.m.

Sunday's activities begin with a Lions Club pancake breakfast at the city park, which is also the site for a bring-yourown-picnic supper at 5 p.m. The Bishop Community Band will play during the picnic

Again, a PRCA rodeo will be held starting at 8 p.m. Sunday.

Final event for the weekend will be a local rodeo at 1 p.m. Monday during which the local all-around cowboy will be

Admission to either dance is \$5 per person. While prices for the breakfast haven't been announced, the barbecue will cost \$6 for adults and \$3 for children age 12 and under. Admission for all three rodeos will be \$5 for general admission, \$7 for reserved seats, and \$10 for box seats.

#### Tickets available for tourist attractions in southern California

Military personnel and their dependents and Department of Defense civilians and their dependents can enjoy many of the tourist attractions in Southern California at reduced rates, provided that they buy their tickets at the Information, Ticket and Tour Office in the Community Center.

Tickets currently are available ing the Spruce Goose and Queen Mary at \$6.25 for an adult and \$4 for a child; Knott's Berry Farm, \$8.50 for adult and child; Lion Country Safari, \$7.75 for an adult and \$3.25 for a child; and Magic Mountain at \$11 for an adult and \$6.50 for a child.

Other attractions include Marineland, \$6.50 for an adult and \$4.50 for a child; Movieland Wax Museum, \$6.20 for an adult and \$4.70 for a child: Sea World, \$8.95 for

# Rec. facilities open on holiday.

The following hours of operation will be observed by business and recreational facilities at the Naval Weapons Center during Labor Day on Monday, Sept. 3:

Facility	nuprs
Bowling Alley (snack bar closed)	
Center Theater	box office open at 6:30 p.m.
Gymnasium	
Indoor Pool	12 to 1 p.m., lap swim
and the second s	1 to 5 p.m., open swim
Golf Course (snack bar closed)	6:30 a.m. to 8 p.m.
COM Pool	Noon to 7 p.m.
CPOM Pool	
EM Pool	
Navy Exchange Mini-Mart	10 a.m. to 7 p.m.
F ACTILLES DOL USERI ADOVE WILL DE CLUSEU ALL	lav muluav.

# Help in reducing test anxieties can be found at Center library

The opening of school each year begins anxiety for many children and adults who are concerned about how to pass tests.

Effective study habits of children, young adults and adults are crucial toward obtaining good grades. The Center Library staff believes studying is a skill that can and must be developed just like any other skill. Library users will find books that



COMEDY ACT - One of the Senoa and The Polynesian Extravaganza dancers acts out a ribald story of old Polynesia during the floorshow portion of the Chief Petty Officers' Mess annual Hawaiian luau.

### Local group offers square dance class starting on Sept. 5

The Cactus Squares Dance Club will be holding square-dance classes beginning next Wednesday, Sept. 5, at Pierce School at 7:30 p.m.

The first three classes are free so that interested persons may become acquainted with square dancing, which is fun, a good way to socialize, and good exercise.

The classes will meet each Wednesday evening until graduation in March 1985. The square-dancing classes will be taught

by Jim Noh, the caller, who will be assisted by Mary, his wife. Those interested in more information about joining the club can call Rick and Trish Doll, at 446-2910; Jim and Mary Noh,

at 375-2069; Tom and Fran Ingram, 375-2017; or Ron and Mary Snyder, at 375-9422 after working hours.

### Weekend Roundup Special entree tonight on the menu at the

Commissioned Officers' Mess will be surf 'n turf, which will be served from 6 to 9 o'clock for the dining pleasure of COM patrons. +++

At the recently renovated dining facility of the Chief Petty Officers' Mess, members and guests can select tonight from a menu that includes prime rib of beef or white fish as the specials of the evening. Dinner will be served from 6 to 9 p.m.

Tomorrow evening, the CPOM will be open for dinner from 6 to 8:30 p.m.

provide them with simple, effective tools to help them become more effective students.

George Weigand, in "How to Succeed in High School," tells the student how to plan his time, how to combine study and recreation, how to increase his memory and attention span, how to take good notes that will be useful for tests or classroom participation, and how to read more effective-

The author also includes helpful and timesaving skills for specific subject areas. An entire chapter is devoted to test-taking skills, developing confidence, reviewing material, and making the best use of your

Test anxiety responses form a kind of trap students fall into at an early age and from which they never escape unless thought patterns and habits are changed. James H. Divine, in "How to Beat Test Anxiety and Score Higher on Your Exams." shows the test takers how to face all types of exams and get the score they truly deserve.

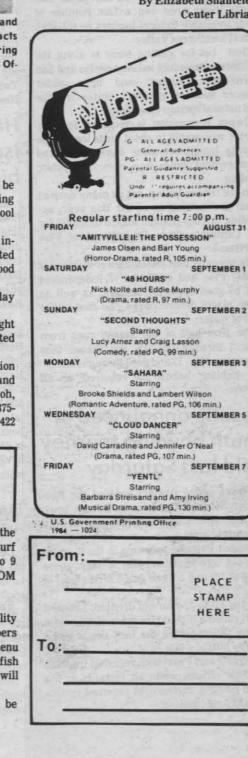
"Study Tips," by William H. Armstrong helps the reader master such skills as listening, taking notes, using the library, writing term papers, and preparing for tests.

Eric Jensen's "You Can Succeed" first discusses reasons for failure in school and then tells the reader how to achieve selfmotivation for better grades.

'Study Skills for Those Adults Returning to School," by Jerold W. Apps is designed for returning students who want to sharpen their study skills and who want to learn better.

To help the student prepare a term paper, the Center Library offers "How to Write Themes and Term Papers," by Barbara H. Markman; a "Manual for Writers of Term Papers, Theses, & Dissertations,' by Kate L. Turbaian; and "College Handbook of Composition," by Edwin C. Wooley. By Elizabeth Shanteler

**Center Librian** 





August 31, 1984

Vol. XXXIX, No. 35

NAVAL WEAPONS CENTER CHINALAKE CALIFORNIA

SERIOUS MOMENT — The subject appears to have taken a serious tone as this photo was snapped of attendees at the DoD Investment Strategy Conference. Shown with Capt. K. A. Dickerson, NWC Commander, is Gary Morton, Director of Navy - Photos by PH3 Rick Moore Laboratories.

AND THE BEAT GOES ON - Additional candidates for the "Michelson Lab Muckers"

badge are this trio of Navy enlisted men who were busy Tuesday morning helping to

clean mud and silt (two- to three-inches deep) from the basement of Wing 7 in

Michelson Laboratory. The three sailors are (from left) ASEAN Greg Allen, AQAN

- Photo by PHAN Greg Hogan

# **Giant military** exercise set in desert area

Increased activity at Armitage Airfield is coming up next week in support of Gallant Eagle '84, a Joint Chiefs of Staff military readiness exercise that is scheduled to begin on Wednesday Sept. 5, and continue through Sept. 11.

Day and night operations are a part of this huge military exercise in which some 50,000 military personnel from all branches of the military services will participate.

Two opposing forces (the Blue and the Red) will be facing one another in this simulated combat exercise, the intent of which is to provide as realistic a test as possible of bomber attacks and other operations against targets that could be anticipated in actual combat conditions.

Cdr. C. C. Anderson, Projects Officer in Continued on Page 4)

John Ressue, and AMS3 Mike Johnson.



FRIENDLY GET-TOGETHER - B. W. Hays, NWC Technical Director, and Rear Admiral John B. Mooney, Jr., found time to relax after two days of meetings during a social hour that preceded dinner on the second day of the DoD Investment Strategy Conference. RAdm. Mooney is the Chief of Naval Research.

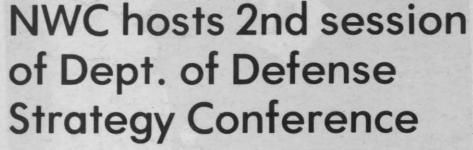
# Update given on flood recovery work at lab

The long hours and dedicated efforts of personnel from throughout the Naval Weapons Center are gradually restoring flood-devasted Michelson Laboratory to its former effective self. The ingenuity and skills of Public Works Department personnel are proving especially valuable in restoring essential utilities so that other work can proceed.

Transformers have been set in Wings 1 and 6 of the laboratory, with remaining transformers expected to be replaced by mid-September. Full power (without air conditioning) should be on-line in Wings 1, 2, 3, 4, 5 and 6 by late September, and full power to Wing 7, as well as the air conditioning throughout the sprawling laboratory, is anticipated by early October.

Full power and equipment for air conditioning for the Computer Wing are already available. The main frame computer is expected to go back into limited operation by Sept. 10.

No major equipment damage occurred in the Simulation Laboratory; the underfloor surface had to be removed, cleaned and replaced, and cables were being reinstalled (Continued on Page 3)



held recently at the Naval Weapons Center. It followed a similar session held a week earlier at the Naval Research Laboratory (NLR) in Washington, D.C.

The prime purpose of the conference was to provide an overview, along with some in-depth information in some areas, of the Navy science and technology program to Dr. Edith Martin, Deputy Under Secretary of Defense (Research and Advanced Technology) and her staff.

Among the distinguished visitors who accompanied Dr. Martin here from the nation's capital were Dr. E. Ann Berman,

The second of two sessions of a Depart- Deputy Assistant Secretary of the Navy ment of Defense Strategy Conference was (Research and Advanced Technology); Rear Admiral John. B. Mooney, Jr., Chief of Naval Research; and Gary Morton, Director of Navy Laboratories.

Other visitors were the Technical Directors and key personnel they brought along from each of the Chief of Naval Material Laboratories.

During the conference sessions held at NRL in Washington, D.C., representatives of the Office of Naval Research, the Office of Naval Technology, and Chief of Naval Operations provided information on the Navy science and technology program from a headquarters' point of view.

In addition, there was a presentation at NRL about the program conducted at the Naval Ocean Research and Development Command, Bay St. Louis, Miss.

The two-day session of the DoD Investment Strategy Conference held here was opened by Morton who presented an overview of NAVMAT Laboratories.

In addition, each of the Technical Directors told about the functions of their laboratories, including some specific, detailed discussion regarding the science and technology programs of these RDT&E centers.

As the host laboratory for the second session of this conference, NWC had the opportunity to display some advanced development missile hardware. There were presentations by the Fuze and Sensors Department on the Phoenix AIM 54-C fuze; by personnel of the Electronic Warfare Department about Anti-Radiation Technology work done here; and a briefing on the Advanced Common Intercept Missile Demonstration

Dr. Martin expressed her view that the Navy Science and Technology Program is an excellent one, but is not adequately funded. Ultimately, she would like to see the amount of financial support for this effort doubled, the Deputy Assistant Secretary of the Navy (Research and Advanced

She informed her listeners that Secretary (Continued on Page 3)



Dr. Edith Martin

Page Two

ROCKETEER

COOK'S WORK MADE EASIER - The recent installation of three convection ovens at the Enlisted Dining Facility (EDF) has been a help to the cooks and bakers on duty, in addition to ensuring that a more varied menu can be turned out for the enjoyment of EDF patrons. Shown preparing to remove pan of food prepared in one of the convection ovens is MSSN Marshall Atkins. Use of the convection ovens makes it possible to cook entrees or side dishes simultaneously at different temperatures. This feature enables the EDF cooks and their helpers to prepare a wider assortment of foods for the enjoyment of military personnel. The convection ovens not only are easier to operate, they take less time to warm up and use less energy than the older ovens previously in use at - Photo by PH3 Rick Moore

### Girl, 4, eats mushrooms growing in lawn, becomes deathly ill

than cause flooding and damage to buildings and street; they also have fostered a crop of mushrooms that have popped up in lawns because of the increase in humidity.

One of the side effects of this occurred on the evening of Aug. 20, when the parents of a 4-year-old China Lake girl rushed her to the emergency room of the Ridgecrest Community Hospital.

It turned out that the girl, who was nauseated and had been vomiting, had eaten a mushroom and help was needed immediately to identify the species in order to determine proper treatment for her.

Tom Dodson, who heads the Environmental Branch (Code 2632) in the NWC Public Works Department, was contacted and he, in turn, called Tom McGill, a biologist who is employed as a natural resource specialist in Code 2632.

McGill was picked up at his home in Ridgecrest by Tri-County Ambulance and in Chapel Annexes transported to his office, where he picked up some textbooks for use in identifying the kind of mushroom the young girl had eaten, and then continued on to the hospital emergency room.

He was accompanied by Mark Bagley, a local botanist who happened to be at McGill's home at the time.

Using information from the textbook that they now had, McGill and Bagley were able to identify the mushroom and this information was phoned to the State Poison Center in Fresno, whose personnel prescribed the

ticular type of mushroom is very common in the local area. Although it is not highly poisonous, it can be fatal to a small child, McGill said.

Gregory V. Bart, MD, FAAP, a Drummond Medical Group pediatrician, was on duty at the hospital emergency room at the

Beginning on Sunday, Sept. 9, the Protes-tant Sunday School, administered by the All sons, from 2 years of age to adult, are welcome to attend.

time of this incident. He treated the child, placed her in the hospital, and then released her after she was well enough to return The moral of this story is don't eat, or let anyone else eat, mushrooms that pop up in the lawn following a heavy rain on the deser **Bible classes slated** to start Sept. 9

Faith Chapel at NWC, will begin the fall session of Bible classes from 8:30 to 9:30 a.m. in the Chapel Annexes west of the Branch Medical Clinic. All interested per-

Registrations are currently being taken after the Sunday morning worship services and also at the Chapel offices on week days from 7:30 a.m. to 4 p.m., or by phoning, NWC ext. 2873.

The Rocketeer is authorized for public release by the Nava

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Weapons Center Public Attairs Officer, Code 003.

The Rocketeer Official Weekly Publication Naval Weapons Center China Lake Captain K. A. Dickerson NWC Commander B. W. Hays **Technical Director** deadline News Stories Tuesday, 4:30 p.m. **Dennis Kline** Photographs Tuesday, 11:30 a.m. Public Affairs Officer The Rocketeer receives American Forces Press Service Don R. Yockey material. All are official U.S. Navy photos unless other wise identified. Printed weekly with appropriated funds by Editor a commercial firm in compliance with NAVSO P 35 revised **Mickey Strang** May 1979. Office at Nimitz and Lauritsen. Information Associate Editor published in the Rocketeer does not necessarily reflect the fficial view of the Department of Defense. Information in

PH3 Rick Moore PHAN Greg Hoga Staff Photographers

# **Promotional opportunities**

Applications (Standard Form 171) should be in the drop box at the Reception Desk of the Personnel Dept 505 Blandy. Unless otherwide specified at an ad, applications for positions listed in this column will be ad cepted from current permanent NWC employees only. All others desiring employment at NWC may contact the Employment Wage & Classification Division, Code 092 Ext. 2264. Ads will run for one week and will close a 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ad Advertising positions in the Promotional Opportunities column does not preclude the use of alternative recruiting sources in filling these positions. The filling of these positions through Merit Promotion is subject to the requirements of the DoD Program for the Stability of Civilian Employment. The minimum qualification requirements for all GS positions and positions subject to the Demonstration Project are those defined in OPM Handbook 1-118: those for all wage system positions are those defined in OPM Handbook 1-118: those for all wage system positions are those defined in OPM Handbook-C-118C. Applicants will be evaluated on the basis of experience, training, education, an 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 requirement that may be necessary. For managerial/supervisory positions, consideration will be given to applicant's support of the Equal Employment Opportunity programs and objectives. Applicants must meet time in grade and qualifications requirements by the closing date of the ad. The Naval Weapons Center is an Equal Op portunity Employer: selections are made without discrimination for any nonmerit reason

No. 26-091, Insulator Helper, WG-3610-5, Code 26434 nan insulator in installing all types of inmaterials. Job Elements: Reliability/dependability; shop attitude and interest; dexterity and safety; Abilities: Follow directions in shop; work as a team

member. Promotion potential WG-10. No. 38-010, Interdisciplinary (Computer Specialist/ Electronics Engineer/Physicist/Mathematician), DS-334-3/DP-855/1310/1520-3, Code 3872 — Incumbent will be in tem Software Section which enhances and maintains the operating systems and related libraries and processors for a Sperry 1100/83, VAX 780, Honeywell Page Processing System, and COMP-80 System. Will recomnend system enhancements; analyze impact of proposed inhancements; code-test-document approved enhance-ments; review and evaluate new software release; analyze system dumps to determine the cause of errors or performance degradation; provide tools to monitor system workloads. Job Elements: Knowledge of the structure of computer operation systems for large scale, ocessing systems (particularly 1100/OS and 1100 assembly language is desirable); ability to: deal effectively with all levels of personnel; communicate well both

orally and in writing; conduct feasibility studies. No. C-64-12, Engineering Technician, DT-802-1/2, Code 6414 — Supports the work of the branch in preparing and esting textile samples, making test fixutres, maintaining test equipment. KSA's: electro-mechanical systems with background in repair of test equipment; ability to per-form tasks requiring interpretation of written or oral in-struction; ability to work well with others. DT-3 promo-

No. C-62-44, Facility Management Specialist, DS-1640-3, Code 6204 — Manage maintenance, repairs, and im-provements of the Junction Ranch Radar Cross-section Range, and coordinate and supervise target handling dur-ing test periods. Required to develop a thorough familiar-ity with the range and its facility systems. Apply a broad Code 6204 technical knowledge of the operating capabilities and maintenance requirements of physical plants and equip-ment and coordinate the efforts of a variety of trade and labor employees. First forty workweek. KSA's: K-Good housekeeping and procedures for remedial housekeeping problems; A- Ability to read understand blueprints and rawings; deal effectively with all levels of personnel, serving as contact point for all facility problems; execute planning for additional modifications to the facility; pursue equipment and furniture procurement, repair pro-cedures; repair minor facility problems on own initiative. Status eligibles may apply.

No. C-62-43, Electronics Engineer, DP-856-2/3, Code - Provides electronic engineering design and support for On-Axis Data Systems star-calibrated radar and RF target simulation systems which are going on-line as a part of the Navy and NWC range improvement program to support test and evaluation of aircraft/missile systems formance characteristics. Will work closely with elec-nics technicians performing evaluation of T-9 and Baker Range radar systems and RF target designs. Explore new concepts in radar, communications systems and RF target designs. Explore new concepts in radar, ions systems and computer applications KSA's: Digital electronics, RF and antenna systems and computer programming principles and practices.  $\S:$  Direct, train and provide leadership to a multidisciplined

#### Secretaria opportunities

This column is used to announce secretary positio r which the duties and job relevant criteria are generally similar. Secretaries serve as the principa erical and administrative support in the designation rganization by coordinating and carrying out such rities. Secretaries perform numerous tasks while may be dissimilar. Positions at lower grades consis primarily of clerical and procedural duties and, as ositions increase in grades, administrative functions ecome predominant. At the higher levels, secretaries apply a considerable knowledge organization, its objectives and lines of com munication. Depending on grade level, typical secretary duties are implied by the job relevan criteria indicated below.

Unless otherwise indicated, applicants will be rated against the job relevant criteria indicated below. A supplemental form is required and may be obtained a Room 100 in the Personnel Building. Job Relevan Criteria: Ability to perform receptionist and telephon duties; ability to review, control, screen and distribute incoming mail; ability to review outgoing dence; ability to compose corresponde and/or to prepare non-technical reports; knowledge of filing systems and files management; ability to mee the administrative needs of the office; ability to train clerical personnel and organize workload of clerical staff processes; ability to plan and coordinate travel arrangements; ability to maintain and coordinate supervisor's calendar and to arrange conferences.

No. 36-167, Secretary (Typing), GS-318-5/6, Code 368 -Provides secretarial support to Product Assurance Divi-No. 36-168, Secretary (Typing), GS-318-4/5, Code 3651 -

Provides secretarial support to Data Acquisition and Control Branch. No. 169, Secretary (Typing), GS-318-4, Code 3662 -

Provides secretarial support to Engineering Support Branch. No. 31-077, Secretary (Typing), GS-318-5/6, Code 3105 -

Provides secretarial support to the division. No. 33-127, Secretary (Typing), GS-318-6/7, Code 33 —

No. C-35-039, Secretary (Typing), GS-318-4/5, Code 3550 The work schedule is first forty, Monday through Thursday, 0630-1630, no lunch. The work site is in the Randsburg Wash Test Area, bus transportation is available to and from the site.

No. C-64-12, Secretary (Typing), GS-318-4/5, Code 6411.

group and to interface with development contractors. Technical background in electronics with some computer programming experience. Status eligible

August 31, 1984

No. 32-122, Engineering/Electronics Technician, DT-802/856-1/2, Code 33851 — Assists and or provides direct technical support in the fabrication, rework and modification of electronic and mechanical compos Constructs and packages a wide range of allied electronic devices as well as prepares engineering drawings for documentation packages. KSA's: Basic understanding of electronic components; A- Read schematics and engineering drawings. Certification or ability to be certified as an operator under WS-6536 soldering specifica-tion; work with small hand tools; communicate effectively with people. No. 33-128, Engineering Technician, DT-802-1/2/3, Code

3356 — Assists in the development of fuze explosive systems. Monitors contractor's performance in the procurement of components and prepares contractural bio packages. KSA's: K- Contractual terminology and pro-cedures; A- Read/understand technical drawings and specifications, plan and organize work and communicate

No. C-VX-501, Program Manager, GS-11/12 (GS-12 level subject to completion of classification action) — Assigned to the Operational Test and Evaluation Force (OPTEV-FOR), Norfolk, VA. located at Air Test and Evaluation Squadron Five (VX-5), China Lake, CA. OPTEVFOR is the agency of the Navy which evaluates, in a Fleet operating environment, new weapons syste nents of systems and tactical concepts in a Fleet operaonal context. Responsible for program manage ensure proper technical test planning, testing, and repor-ting. Consults with technical personnel, monitors testing, and advises operational test directors on problem areas. KSA's: K- Electronic warfare testing required; management skills; budgeting, contracts, report writing and EW testing desireable; A- communicate both orally and in writing; deal effectively with personnel at all levels; work with a variety of tasks under the pressure of deadlines. This is not a Demonstration Project position may have promotion potential to GS-12 but not guaranteed. This is not an NWC position

No. 24-110, Police Officer, GS-083-3/4/5, PD No. 7824034N, Code 2413 - Performs basic law enforcement duties under the direction of a field training officer or a police supervisior. Must be available to work any one of three shifts. Job Elements: Knowledge of law enforcement methods and principles. Ability to work under stress situations. Experience conducting investigations. Knowledge of the geographical layout of NWC. Ability to: nunicate effectively orally and in writing; and exercise good judgement. Status eligibles may

No. 08-039, Administrative Officer, DA-341-1, Code 08B onsible for providing a full range of administrative support functions; providing department management ministrative issues; staffing, recruiting, and other personnel procedures. Job Relevant Criteria: Ability to: carry out studies and analysis; present findings and reclations orally and in writing; experience in deal ing with personnel policies, procedures, and standards; ability to deal effectively with people. Must have a fundamental knowledge of basic computer terms, data communications, word processing, and user work pro-

No. 08-040, Administrative Officer, DA-341-1, Code 084 -Provides a full range of administrative support functions; provides division management with recommendations/ alternatives in resolving administrative issues, staffing, recruiting, and other personnel procedures. Job Relevant Criteria: Ability to carry out studies and analysis, present findings and recommendations orally and in writing, experience in dealing with personnel policies, procedures, and standards, and an ability to deal effectively with

people. Promotion potential to DA-3. No. 39-038, Interdisciplinary (General Engineer/Elec-tronics Engineer/Computer Scientist/Mathematician), DP-801/855/1550/1520-2/3, (2 vacancies), Code 3944 - The branch is responsible for supporting the Weapons Department and systems program managers in the design for the Sidewinder AIM-9M PIP computers. sible for assisting in development of the missile's flight software. Will subsequently participate in design development and test of new flight software for the AIM-9M PIP. Responsibile for interfacing with hardware de-signers and working as a team on software design, modeling, testing, coding and system analysis. Job Rele-(Continued on Page 7)



#### **DIVINE SERVICES**

PROTESTANT	
Sunday Worship Service	1000
Sunday School (Annexes 1, 2 & 4)	0830
Bible Study (East Wing, Wednesdays)	1130 1230
ROMAN CATHOLIC	
Sunday Mass	0830
Daily Mass (except Sunday)	1135
Confessions	1630 1700 Friday 0745 0815 Sunday
Religious Education Classes (Annexes 1, 2 & 4)	1000 Sunday
JEWISH	
Friday (East Wing)	1930
UNITARIAN	
Sunday (Annex 95, as announced)	1930

The recent heavy rains have done more medical treatment best suited for the situation As it turned out, McGill said, this par-

#### August 31, 1984

#### Bears nip VX-5...

(Continued from Page 6)

margin. Leading 15-7 after five innings of play, the Vampires put the icing on the cake by outscoring the officers' team 13-5 in the game's final two innings.

Viviano led the VX-5 19-hit attack with two triples and a single in six times at bat, while a teammate, John Ball, had a double and two singles in his six trips to the plate.

Long ball hitters in a losing cause for the NWC O's were Bryce Deter (two doubles) and Terry Callaghan and Delbert Oakes, who each rapped out a double.

The Intruders, leading 13 to 6 after five innings of play in their game with The Beef, finished strong by scoring seven runs in the top of the seventh and final inning to register a 23-10 victory over the league's cellar-dwelling team.

Bobby Dotson's two home runs and a single in a five times at bat led the Intruders' 25-hit attack. Barry Hileman's four singles in six trips to the plate accounted for two of the runs scored by the Intruders.

For the Beef, it was Buddy Suttles, who had a triple, a double, and a single, and Edward Downes, with a double and a single, who were the leading hitters for their team.

Standings in the Military (slow pitch) Softball League as of Aug. 24 were as follows:

Team	Won	Lost.
Bad News Bears	12	3
VX-5		3
Hornets		6
NWCO's	5	8
The Who	5	8
Intruders	5	9
The Beef		11

### First half of state's 1984 dove hunting season starts Sat.

The first half of the California 60-day split dove hunting season opens tomorrow, with hunting expected to be best in the Colorado River area and a fair number of birds available to local hunters in the high desert and Owens Valley.

Best bet for getting birds is along the California Aqueduct in Los Angeles and San Bernadino Counties, and near water sources such as guzzlers, water troughs and natural springs elsewhere.

Owner permission is required for any Highway to Lake hunter who wants to shoot birds located on private lands, but some Bureau of Land Management lands are open for public

In the Owens Valley, not as many dove as usual are turning up so far this year, according to Tom Blankership, a biologist for the California State Department of Fish and Game.

He suggests that the sunflower fields east of Big Pine and northeast of Independent will be good spots for hunters, as well as other places where doves can find either food or water.

The first half of the season runs from Sept. 1 through Oct. 15; the season then reopens on Nov. 17 and goes through Dec. 1. A hunting license is required of all hunters.

### Results announced of youth bowling tourney held last Saturday

Twelve young bowlers entered the Recreation Services Department's youth bowling tournament held last Saturday at Hall Memorial Lanes.

Preston Petrosie was tops in the 8- to 10year-old age division with a high game score of 149 and a three game series total of

In the 11- to 17-year-old division, Leonard Pearl rolled a high series score of 405, while Danny Quinn posted the best single game total by hitting a 172.

Petrosie and Pearl both received trophies for their efforts, while all entrants in the youth bowling tournament received certificates of participation.

ROCKETEER

HIT AND RUN - Dean Jones, batter for the Bad News Bears, takes a cut at the ball while a teammate, Darrell Purdy, makes a break from first base and heads for second in this slow pitch softball game between the Bears and the Intruders. Behind the plate catching for the Intruders is John Skinner, while at first base for the Intruders is Terry - Photo by PH3 Rick Moore

# Reports indicate fishing around Bridgeport good on long weekend

tage of the extra day on the Labor Day weekend to try lakes and streams a little further afield than they would otherwise. For instance, Bridgeport is a lovely place for going fishing during a long weekend.

The fish in the reservoir at Bridgeport all have Olympic fever - they are madly pursuing gold lures of all sorts. Anglers who troll are also having success with small spinners, and rooster tails. Still fishermen will do better with nightcrawlers, cheese and salmon eggs. While not a lot of fish are being caught, the ones that are being taken weigh up to 5 lb. each.

Brown trout being caught in Robinson Creek also weigh up to 5 lb. each. They are biting on Mepps, Panther Martin or Vibrex lures. The fish aren't biting readily, but anglers with patience will bring home enough trout for a very good dinner.

At Upper Twin Lake (Bridgeport), the fish are spawning upstream, but anglers who fish from the banks with salmon eggs are catching a lot of small fish. At Lower Twin Lake, rainbows are biting on Needlefish, Kastmaster and Phoebe lures.

# Isabella reopened; big crowd expected

Anglers who'd like to head to close-by fishing waters this weekend will probably find themselves competing for space to drop their lines in the water at Lake Isabella because of the hordes of folks from Bakersfield taking advantage of the reopening of Highways 178 from Kernville to

Fishing in general at the lake has been good, but the catfish are really biting now. Best place for dropping a line for the catfish is in the east end of the lake around Henning Flat or Rabbit Island.

Trout are being caught in the Kern River and in all the streams and creeks that feed into the various forks of the Kern, while bass, crappie and bluegill are being caught in the lake. Anglers who go out in boats have better luck than those who merely try from the banks.

Catfish are best caught from shore.

#### Bucks being spotted by archery deer hunters

Deer hunters who have archery tags for the D-8 and D-9 regions (the Piute Mountains and the Breckenridge areas) are spotting lots of big bucks.

Best areas for the hunters with D-9 tags are around Squirrel Meadow, near Weldon Meadow, and at Searles Peak. Those with D-8 tags are doing best around Keysville, especially if they come in from the top.

The number of deer seen indicates that hunters who have tags for the regular season also should do well.

A lot of fishermen will be taking advan- Not many limits are being caught, but nearly all anglers are catching some fish.

Fishing in most of the lakes has not been very good recently because of the warm weather. With cooler nights, it should pick up. Any of the lakes can be fished with salmon eggs and worms, but fly fishermen should try a fly and bubble combination or just a fly. The California mosquito fly seems to be the most productive (perhaps because a lot of real California mosquitoes are still buzzing around the high country).

Anglers hitting the streams are reporting success with salmon eggs, floating cheese, Velveeta, marshmallows, and nightcrawlers. Most of the fish are planted rainbow trout; bigger fish lurk in the Owens River and some of the large streams, but are reluctant to bite any bait or lure in hot weather

(Continued from Page 2)

vant Criteria: Knowledge of embedded computers for tactical systems; ability to plan, schedule and coordinate technical work as part of a major project; experience in HDL programming with some experience in coding the 68000 preferred; ability to communicate well orally and in writing; experience in formalized real time software engineering design and development and with software design and coding. Previous applicants need not reapply No. 39-039, Electronics Engineer, DP-855-2/3, (5 vacancies), Code 3944 — Provides support in signal pro-

cessing and electronic systems engineering in support of the Sidewinder AIM-9M PIP program. Works directly on analog and/or digital circuitry design. Job Relevant Criteria: Knowledge of electronic design principles and practices; ability to interface effectively with on and off Center professionals; experience in analog and digital circuit design and packaging; ability to communicate well both orally and in writing; and to perform assigned duties endently. Status eligibles. Previous applicants need

No. 33-058, Electronics Engineer, DP-855-3, Code 3926 --Code performs development, test and evaluation of inertial sensors and inertial systems and integration of inertial systems with navigation ideas such as CPS and Incumbent will perform system eng analysis on low cost strapdown navigators for tactical missiles. Responsibilities cover system integration, hardware and software disciplines. Job Relevant Criteria: Knowledge of: inertial navigation concepts and mechanizations; software requirements of strapdown and gimbal inertial navigators. Ability to: work well with municate effectively both orally and in writ-

No. 24-109, Security Clerk, GS-303-4/5, Code 2432 - Implements the administrative and technical requirements for the foreign visitor program. Applies security policies in carrying out the processing of foreign visitors. Job Relevant Criteria: Knowledge of: personnel security procedures; personnel security instructions and regul restrictions and agreements between the U.S. and other countries for processing foreign visitor clearances. Ability to: work independently; communicate effectively with

No. 31-076, Program Analyst, DA-345-3, Code 3106 -Program Analyst for the Field Station Program Coordinator (FSPC Office). Primary objective of the FSPC ef-fort is to obtain maximum effectiveness for Navy Field Laboratory resources. Central coordinator of task assignments for one of the FSPC Support Areas (F/A-18, AV-8B, A-6E or AH-1). Elements: Knowledge of NAVAIR interface requirements between NAVAIR and NAVY Field Laboratories: knowledge of management techniques and tools. Ability to consolidate, communicate and report accurately and effectively tasking data for analysis and evaluation purposes; deal effectively with Field Lab-oratory and NAVAIR personnel. Current DP-3 applicants are encouraged to apply. Status eligibles may apply.

No. 26-087, Planner/Estimator (Sheetmetal Mechanic). WD-3806-8, Code 2612 - Temporary NTE 1 yr. Provides detailed manpower/material estimates in support of fa-cility maintenance for the entire laboratory. Includes inspection, job writeup, material lists, sketches, alteration, repair and maintenance. Elements: Ability to facilitate production; technical practices; interpret instructions, specifications etc.; knowledge of pertinent materials;

Fishin' is easy at Black Rock hatchery in Owens Valley

A massive "fish-out" is being held at the Black Rock fish hatchery in the Owens Valley.

All licensed anglers are welcome to cast their lines into the big pond at Black Rock to catch one of the more than 325,000 catchable-size trout in that pond; a limit of 10 fish per angler is allowed, and even youngsters too young for licenses can catch that many.

Children too young for their own licenses, however, must be accompanied by a licensed adult, with no more than three youngsters permitted for each adult.

Reason for the fish-out is that these trout have been exposed to "whirling disease," which affects fish but does not affect humans. Cooking the trout (or smoking them) is sufficient to render them safe for human consumption.

No more than 300 anglers at any one time are permitted to fish, but there has been little waiting required because limits are being caught rapidly. The pond is open from 8 a.m. until 7 p.m. seven days a week, and the fish-out will continue through Sunday, Sept. 16.

While some people have actually caught their limits on bare hooks, most anglers use either bait or a lure. Good anglers have pulled in their 10 fish in as little as 5 minutes; most take about 15 minutes to get their limit

The fish must have their heads removed before the anglers can take them from hatchery grounds. Cleaning tables are provided by the Department of Fish and Game.

> Navy Hotline for Fraud, Waste and Abuse Call: (800) 522-3451 (toll free) 288-6743 (Autovon) (202) 433-6743 (commercial)

### -Promotional opportunities-

ertinent tools and equipment. Supplemental required. May become permanent. Previous applicants need not

No. 00-016, Management Analyst, DA-343-2/3, Code 02A21 — Provides assistance in developing and monitor-ing Center plans for capital equipment investment and productivity improvement, including performance and documentation of supporting economic analyses; analyzes data and information related to funded and future capital equipment requests, existing and proposed productivity program action items; evaluates and interprets the fin dings; develops constructive conclusions and recommendation dations; and presents clear, well-organized written and oral reports; responsible for maintaining effective liaison with cognizant Center personnel. Elements: Knowledge of economic theory and practice; knowledge of automatic

data processing and programming techniques; ability to coordinate effectively, both orally and in writing. No. 00-015, Public Affairs Specialist, DA-1035-2/3, Code 0031 — Assists Program Coordinator for Official Visitors in planning and executing agendas and other arrangements for officials. Must be available for morning, eve ing, and weekend work, as required. Elements: Ability to establish and maintain good working relationships; de effectively with persons of all levels; analytical in solving complex problems, to arrive at appropriate conclu and to develop basic recommendations to management; communicate, orally and in writing, in a logical and concise manner; ability to function in stressful situ where numerous demands are made. Promotion potential to DA-3. Status applicants may apply.

No. 09-031, Personnel Management Advisor, DA-201-2/3, Code 096/097 — Multiple vacancies. Provides advice, counsel, and staff support to line managers in all aspects of personnel administration. Elements: Knowledge of the five personnel functional specialties (Employee Relations, Staffing, Classification, Employee Development, and EEO). Ability to: function independently; analyze complex problems and a recommend a sound solution understand and apply complex regulations. Skill at: interfacing effectively with people at all levels; written and oral communications. Promotion Potential: DP-3. oral com

No. 36-166, Clerk-Typist, GS-322-3, Code 3664 - Parttime permanent position. Provides terminal operator and clerical support to branch. Inputs data from handwritter typed drafts and verbal requests for transmittal via ter-minals. Interprets, edits and prepares data in proper format for transmission; monitors systems to receive hardcopy printouts of data. Maintains ILS library; files/ retrieves data as requested. Elements: Ability to: systems terminals; adapt to changing priorities. Knowl-edge of functions and missions of organization.

No. 36-163, Mechanical/Electronics/Industrial Engineer, DP-830/855/896-1/2 - Reviews drawings and specifications to determine producibility of mechanical, electrical and optical devices. Reviews production design changes and changes in operational procedures inco porated to eliminate system/equipment deficiencies. Elements: Knowledge of electronic design principles servo mechanisms, manufacturing techniques. Ability to: review drawings and specifications to determine how change will affect producibility; interface and communicate effectively with personnel at comparable in Government and private industry. Promotion Potential: DP-3.

Page Seven

Page Six

ROCKETEER

August 31, 1984

# Bears nip VX-5 to retain military softball league



### Commander's Cup golf competition won by NWC Blue

Commander's Cup competition in golf, staged on Wednesday afternoon of last week at the China Lake golf course, was won by the NWC Blue (Code 61) team, whose six players finished this 18-hole event with a combined total score of 560.

Members of the winning NWC Blue team were Russ Malone, Joe Phaneuf, Chuck Waugh, James Fisher, Mark Wornkey, and Dave Reimers.

Second place was nabbed by the VX-5 Vampires for their score of 606, while the also rans were NWC Gold golfers, who finished with a team score of 637.

This was a strictly scratch (no handicap) event, and the 18-hole total of all entrants on each team were tallied to arrive at the team total.

Since VX-5 had just five, instead of the required six golfers, the Vampires had tacked onto their score the highest score of the day, which turned out to be an 18-hole round of 121 fired by an NWC Gold golfer.

The three golfers with the best 18-hole totals were Bob Keen of VX-5 (81), and Del Hays, also of VX-5, and Mark Wornkey, of NWC Blue, who tied for second with scores of 89

With two events (horseshoes and golf) having been completed in the 1984-85 Commander's Cup competition, NWC Blue is in first place with 8 points, NWC Gold is second with 6, and VX-5 is trailing with 4 points

Winning a Commander's Cup event earns a team 5 points, while 3 points are awarded for second, and there is 1 point for third.

### Outdoor swimming pools to close for season after Mon.

According to information received from the Recreation Services Department, the last day of outdoor pool operations for the summer will be Labor Day, Sept. 3.

The hours of operation will be 12 noon to 6 p.m. for the swimming pools located at the Enlisted Mess and Chief Petty Officers' Mess; and noon to 7 p.m. for the Commissioned Officers' Mess swimming pool. At the indoor pool, located at the Center gym, time is set aside for lap swimming from seven losses on the gridiron. noon to 1 p.m. and there will be open from 1 to 5 p.m.

On Monday, Sept. 17, the indoor pool will close for scheduled maintenance and will re-open approximately two weeks later.

Individuals will be required to show their Military ID's or Athletic Association membership cards to participate in the lap swim program

For more information, contact the Sports Division office by calling NWC ext. 2334 or 2571.

### More bowlers sought

for league season start Another season of league bowling competition will begin on Tuesday night at Hall Memorial Lanes, and there are still openings for bowlers in many of the leagues.

There is league bowling nightly except Saturday at the China Lake bowling alley, and the variety of leagues almost assures a place for anyone interested in participating.

There are men's leagues, women's leagues, mixed leagues, and military leagues for teams composed of men and women bowlers. Anyone who wishes to join a league at Hall Memorial Lanes should either visit the bowling alley, or call NWC 3471 for information

The two top teams tangled last week in what turned out to be the best game of the season in the Military (slow pitch) Softball League, sponsored by the Recreation Services Department.

The outcome was a 11-10 win over the VX-5 Vampires by the Bad News Bears in an extra inning contest that was tied 10-10 after the regulation seven innings of play.

The victory by the Bears gives them a one-game lead over VX-5 in the league standings, as of Aug. 24.

Both teams battled on even terms through the first three innings of play. The Bears, who fell behind 4-2 in the first inning, outscored the Vampires 5-3 in the next two innings, and it was a 7-7 tie ball game until the league leaders pushed across three runs in the top of the fourth to build up a 10-7 advantage.

VX-5 battled back, however, getting two runs in the bottom of the fifth and one more in the last half of the seventh that once again tied the score and made another inning of play necessary to decide the winner. The nod went to the Bad News Bears. who tallied the winning run in the top of the

Dwayne Powell, left fielder, was the big man at the plate for the Bears. He was credited with four runs batted in on a home run and single in the three times at bat.

Extra-base blows for the Bears also were chalked up by Walt Derricks, who had a triple and a double, and Tim Bryant, who Osbourne chipped in a double and two

Ward. The Bears won easily by a score of 21-5. had a pair of doubles. In addition, Derricks singles, and Barry Robinette batted 1.000 and Bryant each hit singles, and Dean by getting three singles. Jones picked up a double and a single for

the Bears. viano, who had two 3-base hits, while Karl



BEARS SCORE AGAIN - One of the runs tallied by the Bad News Bears in their lopsided 21-5 win over the Intruders is shown about to be chalked up by Darryl Purdy, first baseman for the Bears. John Skinner is the Intruders' catcher, waiting for the ball. Others visible in the photo are Stu Caldwell (No. 10), pitcher for the Bad News Bears, who is at first base, and Tim Bryant, who is in the on-deck circle waiting to take his turn at bat for the Bears. - Photo by PH3 Rick Moore

## Burros gridders have tough job ahead in '84

A tough row lies ahead for the 1984 Burroughs High School varsity football team, upon last year's record of three wins and

will be under the tutelage of Gene Vejtasa, ft., 11-in., 218 lb., a tackle. who has been an assistant coach of the BHS varsity football for several seasons.

Vejtasa will work mainly with the offensive backfield players and defensive linemen. David Bens, one of two assistant coaches, will be in charge of the offensive linemen and defensive backs, while Dirk McJunkin will be tutoring the pass receivers on offense and linebackers on defense

All hands have their work cut out for them in order to be ready for the grid season opener next Friday night, Sept. 7, against the Barstow Aztecs, who defeated the Burros 26-20 in the 1983 curtain-raiser.

Steve Barkley, used primarily as a pass receiver last year, is expected to get the starting call at the key quarterback position in the Barstow game.

Barkley is one of a half-dozen senior lettermen who form the nucleus of the 1984 BHS varsity. Others, and the positions, they play are:

speed, who is slated to see action as a running back on offense, and as a secondary man on defense.

who will be going at fullback on offense, seats will be available to the general also will plug the holes as a linebacker on public.

Experienced linemen are Jim Standifer, One of the team's bright spots, Coach Vewhich may be hard-pressed to improve 5-ft., 10-in., 190 lb., a guard on offense and jtasa reports, is the defensive secondary, linebacker on defense; Larry Jeffries, 5-ft., but lack of size in the line may be an open 9-in., 165 lb., a center on offense and invitation for opponents to grind it out on This year for the first time, the Burros linebacker on defense; Chad Carrasco, 5- the ground.

Among the receivers who will be the targets for passes thrown by Barkley are Jeff Lillywhite, a returnee from the 1983 varsity squad; Kevin Featherston, a 6-ft., 1-in. end who didn't play last year; Jerry Gerrick and Ray Haleman, a pair of prospective wide receivers, who played on last year's sophomore team; and Alan Celestine

The 1984 Burros are a "young" team, having 20 juniors compared to 14 seniors on the squad, and there will be a number of starting players who will be taking the field Season tickets available

### for BHS home grid tilts

Burroughs High School football game season tickets and reserved seat tickets for the team's home games can now be purchased at the school activities' office from 7:30 to 4:30 p.m. Mondays through Fridays.

General admission season tickets for the football team's four home games are priced and 19) on the opposing teams' home fields. Tim Lewis, a 5-ft., 10-in 175-pounder with at \$9, while reserved seat tickets cost \$5 per game or \$20 for the home season.

Anyone who held season reserved seats last year may renew them before Tuesday, Tony Shields, a 5-ft., 9-in. 170-pounder, Sept. 4. After Sept. 4, all unsold reserved

- Photo by PH3 Rick Moore

After being put to the test by VX-5, the Bad News Bears cruised to a lopsided 21-5 The leading hitter for VX-5 was Tom Vi- win over the Intruders in the second slow pitch softball game they played last week.

> It was close for the first three innings, with the Bears leading by a score of just 1-0. In the next three innings of play, however, the league leaders clobbered the Intruders 20-5 to win going away. Big inning for the Bears was the fifth in which they tallied 11 runs.

> Stu Caldwell, the Bears' winning pitcher, had three hits (all singles) in four times at bat, and Tim Bryant, also of the Bears, had a double and two singles to show for his eforts at the plate.

Scott Jones, who hit a double and a single, and Buck, with two doubles, were the leading hitters for the Intruders.

The VX-5 Vampires made up for their loss to the Bad News Bears by knocking off the NWC Os 28-12, and the Intruders defeated The Beef, 23-10 in the other Military (slow pitch) Softball League games played last week.

The VX-5 team got off to a 10-4 lead after two innings of play against the NWC O's, and then proceeded to pull steadily away enroute to winning the game by a 16-run (Continued on Page 7)

both on offense and defense.

The varsity gridders' first practice on of fense as a team was held last Friday, and there have been two-a-day drills for the past week. The new school year begins Tuesday, and the Burros will then have just three more practice sessions to get ready for their non-league opponents from Barstow.

The BHS varsity has a tough pre-league schedule that includes playing North High, one of the top teams this season in the Bakersfield area, at Bakersfield on Sept. 14; and hosting the Bakersfield High Drillers on Sept. 12.

Then, after a week's rest, there will be a long trek to Santa Maria on Oct. 15 before the Burros begin the first of six Golden League games at Quartz Hill on Oct. 12.

Coach Vejtasa expects Quartz Hill and Antelope Valley to be two of the top league teams, and the Burros will be clashing with them on successive Friday nights (Oct. 12

The BHS varsity will then wind up the 1984 season with a road trip to Saugus on Nov. 2 that will be sandwiched in between home games against Canyon High (labeled by Coach Vejtasa as the "team to beat in the Golden League") and Palmdale on Oct. 26 and Nov. 9, respectively.



CLOSE PLAY AT FIRST - Steve Hensley (the base runner) is out at first on a close play during the Bad News Bears vs. Intruders game in the Military (slow pitch) Softball League. The Intruders' first baseman is Terry Maidment, who has the ball nestled in his glove. Watching the play from his vantage point as home plate umpire is Terry August 31, 1984

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 segment of the China Lake community. Answers to these questions are directly from Capt. K. A. Dickerson. 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 our 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-

#### QUESTION

Enlisted Military - I live in base housing. I called Public Works Trouble Desk on the morning that a faucet was leaking. It couldn't be shut off , and was going full blast. Because I won't give permission for Public Works plumbers to enter my residence without my presence, they won't make an emergency chit and it's been this way for over 12 hours.

Now gallons of water are running down the drain. I wonder if this is standard procedure?

#### ANSWER

Calls of an emergency nature will be answered as soon as possible, normally the same day. Routine calls will be answered within three to seven working days. I have been informed that your faucet was repaired the day following your trouble call. Giving permission to enter to perform maintenance work speeds up the process and is the most efficient way to do work, if at all possible. When entry

must be coordinated between tenant and maintenance men, time is lost. I hope you understand we intend to respond to your problems, bearing in mind conservation measures, the nature of the problem and whether or not entry has to be coordinated with the occupant.

On emergency calls we also request permission to enter. If this is not given, then we will wait until such time as the occupant can let us in. The only exception to this rule is when there is clearly a danger to the occupant or there is an obvious threat to government property. In these cases we will enter and secure an emergency situation.

# Head of TID expresses thanks for help in saving documents

Steve Sanders, head of the Technical In- in the form of truck drivers; the Supply Michelson Laboratory basement during the personnel. heavy rains on Aug. 15.

Among those especially mentioned ("and by name but there were so many that I'm Goodwin, from a detachment now assigned to get a job done. to VX-5 for Operational Evaluation of the AV-8B Harrier aircraft; personnel of Naval Reserve Support Unit 0176; sailors from Armitage Airfield; and a lot of employees from TID who put in long, volunteer hours of work.

all pitched in to help. The list just goes on Chief Electronics Technician Lyle Redfoot. and on.'

#### Flood update...

(Continued from Page 1)

as of press time for the Rocketeer.

Thomas LaJeunesse, who heads the Simulation Services Branch, especially commended the PW personnel who were able to restore power and air conditioning to the Simulation Laboratory by this past Tuesday. Dehumidifying and further cleaning taking at least another week will be required before power to operate the equipment can be turned on, and the equipment checked out. Limited operational capability is expected by Sept. 10, and it will be 90 percent operable two weeks after that.

The anechoic chamber adjoining the Sim Lab suffered major damage and it is currently anticipated that a contract will have to be let to restore both the chamber and the RF hardware-in-the-loop facilities.

Throughout the rest of Michelson Laboratory the cleanup and repair job goes on, often by flashlight or with the help of lights from bare bulbs strung from cables.

Some telephones are emplaced at various locations throughout the laboratory but full telephone service is not anticipated before early October.

No firm dates can yet be given about when the laboratory will be fully serviceable once more

formation Department, expressed his ap- Department, which provided fork lifts and preciation to all the volunteers who pitched refrigerator space; strong support from the in to help save the books and documents Range Department; and equally welcome that were inundated by flooding of the assistance by Pan American contractor

Comments made by those who lent their muscles to the damp and dirty task em- tor, and Dr. Ed Royce, head of the I'd like to mention all the marvelous people phasized that "the NOTS spirit is still alive and well," in reference to times in the early program for the conference held here, exafraid I'd forget someone," says Sanders) history of what is now NWC, when everyone pressed their thanks to all NWC personnel were the Marines, led by Maj. George pitched in regardless of rank or occupation

Thanks extended to NWC Reserve Support Unit 0176 support of the NWC Ground Electronics Branch came to China Lake's Naval "In fact," Sanders adds, "there's not a Reserve Support Unit 0176 in the form of a code from throughout the base that was not letter of appreciation presented recently by represented. Sailors, scientists, ad- Capt. K. A. Dickerson, NWC Commander. ministrative personnel, department heads, Specifically mentioned in the letter was

ETC Redfoot was the member of NSRU Sanders also specifically mentioned the 0176 who recognized the need to completely super support from the Ordnance Systems overhaul the Center's disaster control Department, which loaned the use of its communications equipment early in 1982. freezers in addition to providing manpower Although the Naval Weapons Center had Mobile Disaster Control Communications



ANECDOTES EXCHANGED — Enjoying an informal chat during a social hour preceded dinner at the Commissioned Officers' Mess for those who attended the DoD Investment Strategy Conference, Dr. E. Ann Berman (at left), Deputy Assistant Secretary of the Navy (Research and Technology) gets some pointers on "fishing in Mexico" from Bob Hillyer (at right) Technical Director of the Naval Ocean Systems Center (NOSC) in San Diego. Listening in is John Silva, Program Director for Technology at - Photo by PH3 Rick Moore

### Defense Strategy Conference. .

(Continued from Page 1) of Defense Caspar Weinberger recently signed a memorandum requesting a real growth per year in science and technology programs by each of the branches of the. military service of 6 percent for research, and 7 percent for exploratory development.

Dr. Martin was appreciative, she said, of the opportunity that her visit to NWC gave her to better understand the role of the Navy Laboratories - particularly the full-spectrum nature of the Navy Laboratories.

She views as excellent the role that the Navy Laboratories play in facilitating the rapid transition of the results of technology rograms into Fleet systems.

Both B. W. Hays, NWC Technical Direc-Research Department, who organized the involved for their "extraordinary efforts."

This word of appreciation extended from

Recognition of their ongoing efforts in been aware of the problem, the project had been postponed because of a shortage of both manpower and funds. It seemed, in Capt. Dickerson's words, "an ideal long term project for a reserve unit."

"During your unit's Active Duty for Training (ACTUTRA) in April 1982," the letter continued, "ETC Redfoot and a crew of selected reservists formulated a plan to upgrade the existing mobile facility with sufficient support equipment to provide NWC with an effective self-contained



CONGRATULATIONS EXTENDED -Capt. Joe T. Phaneuf, head of the Aircraft Department, presents one of Code 61's employees, David A. Rosenthal, a patent award for his development of an apparatus and technique that enables the altitude of re-entry vehicles to be determined. Rosenthal, an electronics engineer in the Systems Engineering Branch, developed this instrument to be used on such vehicles as the Inter continental Ballistic Missile -Photo by PHAN Greg Hogan

those in the technical project areas, who put together the presentations and hardware displays, to the Program Coordinator's Office and the employees of the Safety and Security Department, who were involved in moving the conference from the Management Center of Michelson Laboratory to the Commissioned Officers' Mess when heavy rainfall on Aug. 15 flooded the laboratory and made it necessary for the lab to be evacuated.

CHAMPUS claims' deadline

The Civilian Health and Medical Program of the Uniformed Services (CHAM-PUS) has a deadline for filing medical care claims. Claims must be received by the regional CHAMPUS claims processor not later than the end of the year after the year the medical care was received.

In the case of any medical care received under CHAMPUS in 1984, those covered by CHAMPUS have until Dec. 31, 1985, to turn in a claim.

Center.'

Over the next 20 months, this unit worked on the Disaster Control Communications equipment during its two-week ACDUTRA and also during weekend drill periods. A total of eight radio systems with matching antennas were reworked, repaired and installed. Salvage materials were used where possible to reduce cost.

The letter went on to commend Redfoot and his men for repairing and modifying a mobile van for use as a back-up airfield control tower and for continuing to provide "other technical assistance in the maintenance and upgrading of vital pment as funds have become avai able."

#### By JO2 Carolyn A. Spurgeon, USNR-R SAR helo from NWC aids flash flood victims at Keeler

On Tuesday afternoon of last week, the NWC Search and Rescue helicopter was again called into action to rescue two women and the two daughters of one of the women who had been stranded by flash flood waters at Keeler, located on the east side of Owen's Lake.

The SAR helo, piloted by LCdr. Buz Massengale, with Lt. Greg Friedrichsen as co-pilot, and AEAN Mark Keenan, AE3 Barry Beavers, and HM3 Jana Davis comprising the aircrew, left Armitage Airfield at 4:50 p.m. to locate and pick-up Rita Wicker, Jolene Hauff and Mrs. Hauff's two daughters, aged 2-and 4-years-old, who had become stranded when access roads became blocked by water that was a result of flooding in the town of Keeler.

The flood victims were transported to the U.S. Forest Visitors Center in Lone Pine, which had been turned into an emergency care center for Keeler townspeople.

Page Four

August 31, 1984

# Skipper conveys thanks to all who have assisted in flood cleanup work

#### To All Hands:

As the massive clean-up continues in Michelson Laboratory and throughout the Naval Weapons Center, I want to take this opportunity to commend the entire military/civilian work force for their attitudes and efforts toward returning China Lake to a fully productive condition.

It will be a while before we are completely operational; however, the personal dedication, long hours, and volunteer labor you have invested is minimizing that time dramatically. It is only because of your individual efforts that we are in fact far ahead of our predicted recovery schedule. We can all be thankful that our loses were restricted to facilities and

equipments and that we did not lose any lives during the flood. The China Lake "can do" attitude has - as it always does - made me

enormously proud. Well done! Captain K.A. Dickerson

Commander, NWC

# Space shuttle mission specialist to speak at Hispanic Wk. lunch

Dr. Franklin Chang-Diaz, who has been science and engineering, he also worked for selected by the National Aeronautics and 21/2 years as a house manager in an exper-Space Administration (NASA) as a mission specialist for a future space shuttle flight, will be the guest speaker for the luncheon planned as part of the Hispanic Heritage Week observance at NWC.

The luncheon will be held on Friday, Sept. 14, from 11 a.m. until 1 p.m. at the Enlisted Mess. The length of the luncheon has been expanded from the normal lunch hour to permit Dr. Chang-Diaz adequate time to present his views about becoming an astronaut and other matters.

A native of Costa Rica, he moved to the United States in time to complete high school in Hartford, Conn., and to attend the University of Connecticut. In addition to the bachelor's degree in mechanical engineering that he holds from that institution, Dr. Chang-Diaz also has a doctorate in applied plasma physics from the Massachusetts Institute of Technology. He is a member of Sigma Xi

Since graduation, Dr. Chang-Diaz has served on the technical staff of the Charles Stark Draper Laboratory, and is also a Bakersfield, on Wednesday; and a dance visiting scientist with the MIT Plasma Fu- sponsored by Los Amigos Hispanos on sion Center. In addition to his work in Saturday.

Giant military exercise set. . .

(Continued from Page 1) the NWC Test and Evaluation Directorate, is in charge of the NWC participation in Gallant Eagle '84, assisted by John Halligan, as project engineer. There will be approximately 100 aircraft per day "attacking" targets in the Coso range and at Echo Range, Halligan said.

These aircraft will come from as far away as Mountain Home, Utah, and Sacramento, Calif., and a portion of this military readiness exercise also will involve parachute drops by Special Forces from Ft. Bragg in North Carolina.

Personnel assigned to Armitage Airfield will be augmented by other military men and women who will provide any additional help needed for refueling and maintenance of many Army and Air Force helicopters, as well as Air Force F-15 aircraft.

Parts of the exercise are planned at the

#### MIKEG LAB & STIFTIUM

imental community residence for deinstitutionalizing chronic mental patients, and served as an instructor/advisor with a rehabilitation program for Hispanic drug abusers.

Advance registration for the luncheon is required. The lunch menu is a tamale and enchilada dinner with rice, beans, and salad for \$5 per person. Reservations may be made by telephoning Jerrylee deGeus at NWC ext. 2348. Only a limited number of tickets are available, so they should be reserved promptly

Tickets are available from Ava Whitman, Code 093; Belle Hervey, Code 094; Estella Paine, Code 247, Hector Leon, Code 35062; Mena Leon, Code 62021; Larry Scholl, Code 83; and Madison Bryson, Code 2105.

Other events planned during the week include a Sister City Spanish-speaking luncheon to be held at El Charro Avitia on Monday, Sept. 11; a film festival on Tuesday; a workshop presented by Dr. Phillip Sanchez Perez of California State College,

National Training Center at Fort Iwrin

(near Barstow), and the Marine Corps Air

Ground Combat Center near Twentynine

The purpose of the annual exercises is to

determine how well the four military ser-

known as the Rapid Deployment Force.

Police reports . . .

appeared to be under the influence of an in-

amount of \$1,000 that had been issued by

Kern County, the man was arrested and

transported to the jail in Ridgecrest.

## Artificial Intelligence technology to be used to meet Fleet needs

dressing Fleet problems. The Naval Weapons Center is currently working to make this criticism a thing of the past.

At NWC, AI technology is being used as another tool in the development of smart systems for Naval aircraft and missiles. One tactical area of particular concern to surveillance and fighter/ attack missions. (Code 3158) of the Aircraft Weapons Inis currently addressing this problem and to this critical link in the targeting chain.

AI is rather hard to define, but can be said to be deal with the design of intelligent computer systems, that is, systems that exhibit the characteristics humans associate with intelligent behavior. AI addresses the architecture of machines, the software, and the heuristics crules of thumb) and algorithms which the former will implement. Because much of the reasoning which AI has attempted to model is symbolic in nature, the nature of the hardware, software, and heuristics tends to reflect this

LISP, a symbol-manipulation language. is one of the advanced computer languages used heavily for AI work. LISP's inherent flexibility makes it a natural choice for building high order systems which deal with concepts as well as numbers. An interdepartmental group of Center personnel make Labor Day trip is now learning LISP under the instruction of Jeri Hanly, an NWC employee and lecturer at the University of Wyoming.

One major thrust of Code 3158, according to branch head Bill Capps, is the integration of information from multiple sources aboard an aircraft into a decision concerning the classification of the target. Aircraft have multiple sensors, each of which gathers and interprets information. Comball these sources of information to classify targets with better reliability and accuracy can make use of AI technology. Two projects are now underway dealing with such multi-source fusion: Mission Avionics Sensor Synergism (MASS), and are Fighter/Attack Avionics Targeting Demonstration (F/AATD)

In MASS, the objective is to integrate information from several sensors and other mechanical condition of the vehicle to eninformation such as intelligence and realvices perform together in simulated com- time inputs from human operators aboard bat. The maneuvers are under the direction the P-3 Orion aircraft. Under the coordinaof the U.S. Central Command, formerly tion of the Naval Air Development Center impair driving ability. at Johnsville, Penn., and in cooperation (4) If you become fatigued or drowsy Systems Center in San Diego, Code 3158 rested or stop and take the time to over-A man walking along Knox Road who personnel are developing an Al approach to come the fatigue before continuing. the problem. This P-3 system is scheduled toxicant was picked up on Wednesday to be put into a simulated aircraft at the more people would survive traffic accimorning of last week by China Lake police. Lockheed Corporation next year, and is dents each year if they used their seat When investigation revealed that there scheduled to be included in flight testing in belts. Be a survivor, and one who enwere outstanding warrants for him in the 1987.

> In F/AATD, the objective is to identify a buckling yours. raid of enemy aircraft and to determine the size of the raid. Navy fighter/attack air-

A recent criticism of Artificial In- craft are the intended platforms for this telligence (AI) research has been that it system. A laboratory simulation is slated has not found its way into application ad- for testing at the Pacific Missile Test Center, Point Mugu, in 1986. Both of these multi-source systems will

employ a blackboard architecture with knowledge sources which could operate in parallel with the appropriate hardware. A blackboard architecture can be explained by thinking of a group of people (knowledge sources) standing around a chalkboard the Navy is the classification of targets (blackboard), and trying to solve a profrom airborne platforms for ocean blem. The problem and the data are written on the chalkboard. Each person, based on The Target Recognition Systems Branch the chalkboard information and their own knowledge, decides if they can perform tegration Department's Targeting Division some function. If they can, they do so mdependently of the other people and write applying AI technology to develop solutions their results back on the chalkboard. There is no communication between the people except at the chalkboard.

> Currently, Code 3158 personnel are using the VAX-11/ 780 computers in the Targeting Laboratory with NIL (New Implementation of LISP) LISP for their AI efforts. Computers specifically designed to run LISP can greatly enhance this type of work by speeding up the LISP code. Although no LISP machine are now in the Targeting Lab, Capps hopes that they will be available in the future.

By using new AI tools as they are developed, and backing these with the skills and knowledge of personnel in the Target Recognition Systems Branch, Capps feels that the Navy's needs in the targeting area will be well met.

# Drive with care; safe as well as fun

Next Monday is Labor Day - a national holiday and a holiday for most Civil Service and military personnel at the Naval Weapons Center. Many families will take advantage of this last three-day holiday before the kids have to return to school.

According to the NWC Safety and Security Department, the Labor Day holiday is one of the worst times of the year for traffic accidents. Despite this, there are a number of things that individuals can do to make sure their holiday trip is enjoyable and.accident-free. Some of the most important

(1)Pre-plan your route and allow plenty of time to reach your destination.

(2) Before leaving on a trip, inspect the condition of tires, brakes, and the general sure that all systems are working and properly adjusted

(3) Avoid alcohol or the use of drugs that

with personnel from the Naval Ocean while driving, switch with someone who is

(5) It is estimated that at least 5,000 courages others to use their seat belts by

### Center's ZIP code grows by 4 digits;

becomes 93555-6001

Two months ago, "ZIP plus four" became the standard for all Department of Defense components.

The four digits assigned to the Naval Weapons Center are 6001, thus making the ZIP code for NWC 93555-6001.

Conversion to "ZIP plus four" is to be completed by Sept. 30. The additional four digits are to be added manually, or may be printed, stamped, or typed on letterhead stationery, envelopes, and other printed material until present stocks are exhausted.

Printed forms, letterheads, and envelopes will be printed with the "ZIP plus four" as they come up for reorder.



August 31, 1984

ROCKETEER

**Page Five** 



ONE MORE TIME - NWC's Command Master Chief, TMCM J. W. McAllester, goes through reenlistment motions one final time while Capt. K. A. Dickerson, NWC Commander, administers the oath. Master Chief McAllester, who has been at NWC for two years, was coerced into visiting the Chief Petty Officers' Mess to inspect the progress of remodeling construction with the Skipper when he was given a surprise reenlistment party with many chiefs and other friends attending. The Command Master Chief signed on for four more years in the Navy - Photo by PHAN Greg Hogan

# Only two days left to register new students for fall semester

Only two more days remain for parents to register their children for the fall semester of Sierra Sands Unified School District classes, which begin on Tuesday, Sept. 4.

New pupils should be registered at neighborhood schools as soon as possible. Also, parents are reminded that they are

required to provide immunization and health information about their children, as well as verification of grade placement (i.e., report cards) at the time of registration.

For parents to register their children for kindergarten they must show proof that their child is five years of age on or before Dec. 1, 1984. Immunization records and proof of age must be submitted at the time of registration.

Parents should register their children for kindergarten at the same time as registering all other new students. Only those children who were not registered earlier this year need to register now.

The registration schedule for children entering the 1st through 6th grades and who have not attended local schools prior to the end of the previous school year is 8 a.m. to noon and 1 to 4 p.m. Monday through Friday for Faller, Groves, Inyokern, Las Flores and Richmond Elementary Schools. Pierce School will accept registrations from 8 to 11:30 a.m. and from 12:30 to 4 p.m. Monday through Friday.

Rand Elementary School, located in Randsburg, will accept registrations today only from 9 a.m. to noon.

The registration period for the Vieweg Basic School has been completed and a waiting list established. Parents interested in enrolling their children to attend Vieweg School should contact the principal by calling 446-2569.

tive kindergarten students at Vieweg ing of parking lots took place. School for the fall 1985 school semester According to Lt. Sidney Miyakawa, Delta Tuesday, Sept. 4.

cent report card; and immunization record crete slab for the galley's grease pit. at the time of registration.

sign up its new students from 8 to 11:30 the Seabees. a.m. and from 12:30 to 3:30 p.m. Monday Meanwhile, a randomly selected 14-man through Friday.

enrollment procedures at the Burroughs naval base of Collao, in Lima, Peru.

High School counseling center no later than this afternoon.

This year a new computerized system will be used to register students. Although there will be few changes in the registration procedures, it is emphasized that the marked instructions for the registration

process be carefully read and followed. Specific registration information was sent by mail. If this material is not received, students should contact school officials at Burroughs High School.

Registration for students intending to attend Mesquite High School will take place at 8 a.m. on Tuesday, Sept. 4, which is also the first day of instruction.

Students 16 years of age or older and who are not presently enrolled at Mesquite High may submit a transfer request to Mrs. Joann Koperski, assistant principal of Burroughs High School, or Steve Merta, principal at Mesquite High School

At Twentynine Palms; Lima, Peru

# Long-term training applications for 1984-85 now being accepted

undergraduate level training (training off-Center for a period of 120 consecutive days or longer) for 1984-85 are now being sought from interested Naval Weapons Center employees.

To be eligible for long-term training, an individual must have been employed at NWC three years at the time studies begin.

Long-term training may be considered to meet any of the following objectives:

(1) To update an employee's knowledge where there has been an appreciable lapse of time since the initial academic preparation for employment and subsequent inservice training.

(2) To provide a technically oriented employee with tools of management when job responsibilities have or will become predominantly managerial in nature.

(3) To expand an employee's knowledge and background within his or her occupational speciality, whether he or she occupies a technical or nontechnical position, by providing an opportunity to learn about significant developments or breakthroughs as they pertain to the mission of the Center.

(4) To acquire knowlege of some aspects of another occupation as they relate to an employee's present occupation where responsibilities tend to be interdisciplinary or multidisciplinary in nature.

(5) To provide for educational opportunities stressing motivational and human relations factors that contribute to effective technical and managerial competence.

The Corporate Planning Board (CPB) will consider applications in any area of study that relates directly to NWC program requirements. However, special emphasis for this year is being placed on RF and microwave science and engineering, computer science and engineering, and software engineering. The primary criteria the CPB follows in determining when long-term training is used in lieu of after-hours, parttime, or short-term programs are as follows:

(1) The new knowledge and skills required of the employee, either in present or planned career assignments, necessitate a comprehensive, concentrated program of study

(2) The time span for acquisition of new skills and knowledge is such that an accel-

Applications for long-term graduate and erated study program of long-term, fulltime duration is required.

> (3) It is determined that the academic superiority of the institution selected is such that it is clearly in the best interest of the government that the employee attend the selected educational institution

> (4) There is no educational institution or academic program in the local or community area for part-time or after-hours

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

> Further details of the long-term training program are provided in NAVWPNCEN INST 12410.5L of Sept. 31, 1982, and the Long-Term Training Handbook. Both sources are available from department offices or at the Training Center. Applicants are advised to contact Code 01A2 (phone NWC ext. 3793), Room 20102 in Michelson Laboratory for application forms.

> It is necessary to have a complete set of transcripts, along with a notification of school acceptance accompanying the application. The application must have a letter of endorsement signed by the department head.

Approved fellowships are granted for one academic year (two semesters or three quarters). The deadline for submission of applications for programs commencing in the spring semester or spring quarter of 1984-85 is Oct. 26, 1984.

Counseling regarding the various programs and applications procedures is available from Steve Lee, Code 094, Training Bldg. Rm 210, phone NWC ext. 2468.

Chapel slates film series

The first film in a four-part movie series entitled, "Growing Up Whole in a Breaking Down World." will be shown in the East Wing of the All Faith Chapel on Sunday, Sept. 9, at 7 p.m.

The first film is entitled "Is There An Adolescent in the House?" The series is sponsored by the Protestant congregation of the All Faith Chapel.

## Seabees aid in construction, cleanup projects

The Seabee motto, "We Build, We Fight," was certainly in practice during a selected to accompany the detachment to to this request, which parallels mobilization recent two-week Active Duty Training South America. Equipment Operator 2nd (ACDUTRA) period at the Marine Corps Class Tony Delacruz, a police officer for Air-Ground Combat Center at Twentynine NWC, and Utilitiesman 2nd Class Lu-Ellen Palms, Calif.

Approximately 40 local members of Reserve Mobile Construction (RMCB) 17 joined other Seabees from the First Naval

The twelve construction projects completed by the Seabees included improvements to the tank repair shop and the galley, assembly of two pre-engineered buildings, and work on the plumbing system at Twentynine Palms. Also, cement Applications for enrollment of prospec- for sidewalks was poured, and asphalt pav-

should be filled out at the school's office on Company Commander, the two projects that local Seabees completed were im-Parents of new junior high school stu- provements to the galley. They replaced dents are asked to present the pupil's stan- the floor in the pots and pans scrub room, dardized test scores, if available; most re- and laid drain lines and then poured a con-

During the three-day field training exer-Registration at James Monroe Junior cise, approximately 650 men received tac-High School is scheduled from 7 a.m. to tical training using equipment that includnoon and from 1 to 4 p.m. Monday through ed M-16 rifles, 81mm mortars, and M-60 Friday. Murray Junior High School will machine guns in keeping with the motto of

reserve detachment from RNMC Battalions High school students new to the local 16 and 17 spent their ACDUTRA helping the area will need to complete preliminary Peruvian Navy dig out the storm-damaged

Two local men were among the 14 Construction Brigade, "The rapid response Hays, a resident of Lone Pine, Calif., spent much of their time in Peru repairing telephone lines and sewer systems.

This was the first time that Maddock, USNR-R, Commander, First Peru.

scenarios, demonstrates the readiness of the reserve Seabees."

The Seabess moved out from El Toro Marine Air Base the day after the Chief of Naval Operations approved the Peruvian government's request.

From there, the detachment flew Construction Regiment in construction pro- Seabees have ever worked with the Peru- Savannah, Ga., and on to Panama, where it jects and a three-day field training exer- vian Navy. According to RAdm. Thomas S. picked up U.S. Navy equipment to take to



SHADY WATCH DUTY - During recent field duty exercises at Twentynine Palms, Storekeeper 3rd Class Pete Legan, of RMCB 17, stands radio watch at the Battalion - Photo by CM1 Jerry Morrison USNR **Command Post.**