## China Lake Players pick cast for July musical melodrama

The cast has been chosen and rehearsals underway for the China Lake Players' summer production, a musical melodrama entitled "The Saloonkeeper's Daughter."

Those who will be seen in leading roles in this stage play, which was written by Jack Sharkey and Dave Reiser, are Gerry Baker, as Red White, Ralph Vuono, as Grimy Geezer, Aglecia Taylor, as Charity Kindly, and Roger Byrd, as Blackie White.

The cast of characters also includes Sarah Hetrick, as Cinnamon Hickey, Aileen Scott, as Sally Forth, Lyn Wilson, as Molly Bolt, Lazaro Leon, as Mannly Rasch, Kate Shaughnessy, as Lilly White, Daryl Vaughn, as Parson Kindly, and Brian Prince, as Rusty Witts.

Karen Torrence, director of "The Saloonkeeper's Daughter," is being aided by Susan Cragin, the assistant director: Gary Houston, technical director; Barbara Jeffres, stage manager, and Sarah Hetrick. who is in charge of costumes.

The music and dance directors are Ted Fiske and Greg Cote, respectively, assisted by Stella Renner, while Sharon Jouret is the properties and set dressing director, and the pianist is Patricia Nolund.

Volunteers are needed to assist with backstage work. Volunteers willing to help out are asked to make this interest known by calling Mrs. Torrence at 446-5026.

"The Saloonkeeper's Daughter" will be presented at The Playhouse, corner of Blandy Avenue and Lauritsen Road, on the evenings of July 13, 14 and 15, 20 and 21,



JOYOUS OCCASION - A group of two dozen second and third graders received their first communion during a recent Sunday morning Catholic Mass at the NWC All Faith Chapel. Among those to whom the Sacrament of Holy Communion was administered by Chaplain E. J. Greco were Dancy Topper (in foreground) and Angelica Peterson. Visible behind them as they walked into the All Faith Chapel are Chaelo Desmond (at left) and Brian Tallman. In preparation for this step, the children attended Confraternity of Christian Doctrine classes that began last September, as well as mid-week classes that were initiated in February. - Photo by PHAN Rebecca Gill

## Spring Festival underway at local fairgrounds

The gates at the Desert Empire Fairgrounds in Ridgecrest will open this evening at 5:30 o'clock for the final three days of the 1984 Spring Festival, sponsored by the Knights of Columbus.

Activity on the carnival midway, the outdoor stage, and in the exhibit buildings will continue until midnight tonight and be resumed at 12 noon on both Saturday and

General admission to the Spring Festival on this pre-Memorial Day weekend is \$1, except for senior citizens and handicapped persons who will be admitted for 50 cents each. There is no charge for children under 12 years of age.

Vehicle parking is free in the lot north of fairgrounds, or \$2 per car in the paved area west of the food booths, which will be reserved primarily for special permit vehicles of those working at the festival.

This year's celebration is dedicated to the Boy Scouts of America, a youth organization that is celebrating its 75th anniversary.

#### 'Share the Light,' gospel musical, set at theater

"Share the Light," a gospel play featuring songs, skits, and testimony about Jesus Christ, will be performed tonight by members of the Ridgecrest Christian Fellowship.

The religious presentation, put on by 20 members of the Fellowship, is directed by Steven Stewart, and will feature both instrumentalists and taped music. The program, which is open to the public free of charge, will be held in the Center theater, starting at 7:30 p.m.

#### New snack bar hours

New hours of operation will go into effect next week at Navy Exchange-operated snack bar in Bennington Plaza.

Weekday hours of operation at the Plaza Snack Bar, beginning Tuesday, will be 6 a.m. to 3 p.m. On Saturdays, this facility will be open from 8 a.m. to 3 p.m.

#### **Energy conservation tip**

During vacations or extended periods of time away from home, empty the refrigerator, disconnect the power, clean it thoroughly and leave the door ajar. Place an open box of baking soda inside.

Boy Scouts in uniform, and Girl Scouts as Verbatim, a local dance band, from 9 to well, will be admitted to the fairgrounds free during the Spring Festival.

In addition to the carnival rides and other attractions brought here by the B&B Amusement Corp. of Rialto, Calif., those flocking to the Spring Festival will find a wide variety of merchandise and special displays in the exhibit buildings on the fairgrounds.

There also will be entertainment tonight and tomorrow night on the outdoor stage located near Joshua Hall.

The Macy Dance Company is scheduled to perform this evening from 6 to 6:30, followed by a 30-minute session of Jazzercise led by Tami Williams. Students of the Sierra Academy of Dance will be on stage from 7 to 7:30, and square dancing by the Jim Dandies is slated from 7:30 to 8 p.m.

Tonight's entertainment will be rounded out by dancing and listening to the music of

10:30 p.m.

Tomorrow night's entertainment at the outdoor stage begins with another performance by Sierra Academy of Dance students from 7 to 7:30, followed by a 30minute session of Jazzercise from 7:30 to 8. Two local bands, Major Changes and Dynasty, will then hold forth from 8 to 9, and from 9 to 10:30 p.m., respectively.

No one need go hungry or thirsty while attending the Spring Festival and enjoying its many attractions. A number of local clubs and organizations are offering food and drinks for sale with proceeds going to support both service and charitable activities in the community.

Hamburgers, hot dogs, Mexican food, fried chicken and pizza pie are a sampling of the types of food that is being sold by local groups, in addition to that which the carnival itself is offering for sale.



"Sure Fire," a top-40 band from Los Angeles, will be playing at the Enlisted Mess tonight from 9 o'clock to 1:30 a.m. Prior to the start of the music, a T-bone steak dinner will be served from 6 to 9.

On Saturday, diners at the EM can make their selection from the menu or enjoy the shish-kebab dinner special that will be served from 6 to 8:30 p.m.

## Rec. facilities open on holiday

The following hours of operation will be observed by business and recreational facilities at the Naval Weapons Center during the Memorial Day holiday on Bowling Alley and Snack Bar.....9 a.m. to 11 p.m.

Center Theater	Box office open 6:30 p.m.
Gymnasium	
Indoor Pool:	
Lap Swim	Noon to 1 p.m.
Open Swim	1 to 5 p.m.
COM Pool	Noon to 7 p.m.
CPO Pool	Noon to 6 p.m.
EM Pool	Noon to 6 p.m.
Golf Course	
Golf Course Snack Bar	6 a.m. to 5 p.m.
Camping Issue (at gym)	11 a.m. to 6:30 p.m.
Navy Exchange Mini-Mart	10 a.m. to 7 p.m.
Youth Center	12:30 to 5 p.m.

Facilities not listed above will be closed all day on Monday.



## City of Bishop plans '84 Mule Days fete this holiday weekend

Starting this evening and continuing over the Memorial Day weekend, the picturesque Owens Valley town of Bishop will be the setting for the 1984 Mule Days celebration, which is sponsored by the Bishop Chamber of Commerce.

All of the weekend's events, except for the parade on Saturday morning, will be held at the Tri-County Fairgrounds in

Tonight at 5 o'clock, fairgoers will see the first events of a three-day gymkhana during which mule owners will put themselves and their animals through their paces in pulling, branding, and shoeing contests.

Tonight at 9, fair-goers will have a chance to kick up their heels at a country-western dance.

At 10 a.m. Saturday, the Mule Days parade will get underway with marching bands coming from all parts of the state, along with wagon and mule pack trains.

At 4:30 p.m. tomorrow, the fairgrounds will be the site of an old-fashioned barbecue, and later at 9 p.m. another dance is scheduled.

On Sunday morning, the Lion's Club will be serving a pancake breakfast starting at 7 a.m., and also on Monday morning starting at 8 o'clock.

There will be more mule shows on Sunday starting at 8 a.m., 2 p.m., and 7:30 p.m. On Monday, the 1984 Mule Days celebration will wind down and close following a mule and horse auction, which starts at 10

#### 'Never undersold' policy at NEX changes June 1

The Navy Exchange's "never undersold" policy has been discontinued and the local NEX is no longer authorized to make this guarantee regarding items offered for sale.

However, to ensure that customers who shop on an intermittent basis are not inconvenienced by this policy change, all "never undersold" requests will continue to be honored at the China Lake Navy Exchange until next Friday, June 1. 

From: PLACE STAMP HERE



May 25, 1984

Vol. XXXIX, No. 21

NAVAL WEAPONS CENTER CHINALAKE



ANOTHER NWC SUCCESS STORY - B. W. Hays (at left), NWC Technical Director, and Capt. K. A. Dickerson, NWC Commander, flank a group of four employees of the Electronic Warfare Department's Signal Exploitation Branch who are the recent recipients of the NWC Technical Director's Award. The honorees are (I.-r.) Charles E. Swedblom, Belmont Frisbee, Jr., Paul M. DeRuiter, and Richard V. Schultz. Their combined efforts resulted in the operational introduction of a specialized antenna system at a Naval Security Group overseas location. — Photo by PHAN Greg Hogan ernment, and the Navy, in particular, with

## Near halfway point, **Navy Relief Society** campaign hits \$5,339

Nearing the half way point of the Navy Relief Society fund drive at China Lake, a total of \$5,339.50 has been collected in the campaign coordinated by LCdr. John Cullinan and Lt. Brice Hammerstein, and another \$1,356.75 has been collected at Air Test and Evaluation Squadron Five under the coordination of Lt. Bob Maholchic.

Lt. Hammerstein says that a special "thank you" goes to the Women's Auxiliary of the Commissioned Officers' Mess because they have contributed \$1,800 of the money earned by the Thrift Shop this spring. This is a large percentage of the total gathered so far in the NRS fund drive that extends until June 6.

Of the money gathered from VX-5 personnel, \$905 is being contributed through payroll deductions and the chili cookoffburger burn-aircraft wash fundraiser held last Friday brought in the other \$451.75.

While civilians are not being asked to contribute to the Navy Relief Society, any who wish to make tax-deductible contributions are invited to do so.

#### Air pollution problem

## Kerr-McGee plant emission standards debated

Not enough hard scientific data is available at this time to evaluate the impact of changes of rules regarding emission standards of coal-fired boilers in the Searles Valley, says Tom Dodson, head of the Environmental Branch in the Public Works Department.

Dodson testified at a hearing held by the San Bernardino County Desert Air Pollution Control District at Victorville on Tuesday afternoon; the hearing was held to determine if the emission standards for oxides of nitrogen can be raised from 225 parts per million to 365 parts per million for the Kerr McGee Company's Searles Valley operations.

Dodson pointed out that a modeling study prepared by Engineering Sciences and other materials presented by Kerr McGee compare the historic emissions of their oil-gas fired burners and their new solidfuel burners rather than addressing the impact of the rule change.

He added that experience has shown the especially when estimated from non-local Navy that a strict focus on scientific issues data sources. The Engineering Sciences plus good faith would enable the company, modeling effort said it would require a full the county and the Center to find a database for an evaluation rather than creating an adversarial position.

At this time, NWC does not oppose the Environmental Quality Act.

must be considered because byproducts of and potentially harmful to health.

Second, the Engineering Sciences modeling report calls the air pollution in the Searles Valley "rural;" it is not like that of sidered rural, either.

Third, a nationally renowned modeler has recently commented that plumemaximum concentration models, such as the one used in the study, commonly contain errors as great as 100 percent, year of Trona meteorological data to make an accurate estimate of emission effects but they did not utilize local data.

And, fourth, the study is not clear about proposed rule changes, Dodson said, but whether or not it incorporated background feels that several questions must be an-nitrogen dioxide concentrations in the figswered before rule changes can be ures used. Dodson added that if the max- fell to Frisbee and Swedblom, who also evaluated as required by the California imum background of the nitrogen dioxide measured in 1982 (the last year in which For instance, secondary or indirect im- data is available) were added to the propacts of the emissions of oxides of nitrogen posed 365 parts per million emission, the total would far exceed the one-hour these emissions include the formation of nitrogen dioxide standard legally allowable small particulates degrading air visibility under the California Environmental Quali-

The Center's goal, said Dodson, is to achieve a database scientifically adequate urban Southern California, Dodson agrees, to evaluate the proposed emission inbut the heavily polluted mix cannot be conoverall health impact of such emissions. The present data doesn't meet this criteria.

In response to NWC and local citizen concerns, the hearing board officer has postponed the decision on the significance of the environmental impact and requested the parties to sit down and resolve as many of the issues identified at the meeting as possible.

Another hearing will be held on June 19 in Victorville.

# Technical Director's Award presented for development of special antenna system

Director, told the four men at the time of

The ceremony, which took place in the

witnessed by Capt. K. A. Dickerson, NWC

Electronic Warfare Department office, was

Commander; Gerry Schiefer, Deputy

Technical Director; Paul Homer, head of

Code 35; and Frank St. George, head of the

Microwave Development Division in the

Each of the Technical Director Award

winners received an engraved

paperweight, a letter of commendation.

and a stipend that accompanies this special

According to St. George, who nominated

the four men for this honor, the project in-

volved the conception, design and

development of a unique wide band, multi-

ple beam antenna system that is controlled

automatically by means of a computer. The

computer operates with a unique software

program that takes specific data and com-

putes the multiple antenna beam positions

In the team effort that went into this suc-

cessful accomplishment, Frisbee, as the

project engineer, conceived the antenna

system when the requirements were made

known by personnel at a National Security

Group overseas site where high quality

reception of desired signals had not been

DeRuiter, as a Junior Professional

employee, built a scale model of the basic

antenna system that was used to demon-

strate the technical feasibility of this pro-

ject in terms of beam width, frequency

Swedblom's role was to design and con-

struct the individual radiating elements,

package the hardware and conduct system

Schultz wrote and developed the software

and steers them in real time.

possible previously.

coverage and antenna gain.

performance verification tests.

CONCEIVED ANTENNA SYSTEM

form of a Superior Achievement Award.

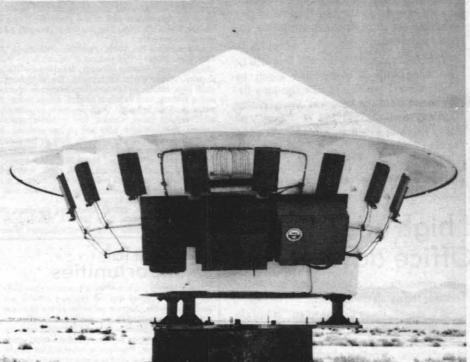
Electronic Warfare Department.

the award presentations.

fare Department's Signal Exploitation did not exist. I appreciate the service Branch are the recent recipients of the you've done," B. W. Hays, NWC Technical NWC Technical Director's Award for their development, delivery, installation and successful operational introduction of a specialized antenna system at a Naval Security Group (NSG) facility overseas.

Honored for their efforts in this endeavor were Richard V. Schultz, acting head of the Signal Exploitation Branch (Code 3544); Belmont Frisbee, project engineer; Charles E. Swedblom, fabrication and test verification engineer; and Paul M. DeRuiter, antenna feasibility demonstration engineer.

"You have provided the U.S. gov-



ONE OF A KIND - Shown during its final acceptance test on the Navai Weapons Center antenna range is the specialized antenna system developed here for a Naval Security Group overseas installation. Four employees in the Signal Exploitation Branch of the Electronic Warfare Department were the recent recipients of the NWC Technical Director's Award in recognition of their accomplishment.

routines that make it possible (given the input data) to automate in real time the directive radio frequency antenna system.

The task of installing the system at the tegrating the capability of this new system with the equipment already in existence provided the initial instructional training to Fleet personnel.

#### FOLLOWS NWC PATTERN

In nominating the four Code 35 employees for the NWC Technical Director's Award, St.George noted that "this project effort mirrors one of the unique characteristics of the Naval Weapons Center, which is to bridge the gap between a specific required capability identified by the operational forces and the ability and capacity of our scientists, engineers and technicians to conceive a solution, implement it, and deliver an operational system."

Frisbee, an NWC employee since July 1966, is a 1964 graduate of the University of Redlands, where he received a BS degree in physics and then worked for two years for the Lockheed Propulsion Co. before coming to China Lake.

Over the years, he has been involved (first with the former Weapons Develop-, ment Department) with active radar seeker department, high resolution radar (Continued on Page 4)



## Local observance of Memorial Day slated Monday at ceremony

Memorial Day, which will be celebrated on Monday and is a holiday for most Civil Memorial Park Cemetery in Ridgecrest.

Mower, vice-mayor of the City of Ridge-

The program will begin with the presentation of the American flag by a color

By Presidential proclamation, the U.S. Flag is to be flown at half-staff on all buildings, grounds and naval vessels throughout the United States and its territories and possessions from today until sunset on Monday (Memorial Day).

This being done in honor of the unknown American who gave his life in service overseas in Vietnam. The remains will be interred in Arlington National Cemetery on Memorial Day.

guard from the NWC Division of the Sea Cadets, and by representatives of local veterans' and fraternal organizations, who will display both their organizational banner and an American flag.

(SS) R. A. Jacobsen, Command Master Service employees and military personnel Chief of Air Test and Evaluation Squadron at the Naval Weapons Center, will be Five and vice-president of China Lake observed locally by a patriotic program Branch 95 of the Fleet Reserve, who will be that will begin at 10 a.m. at the Desert the master of ceremonies, and the invocation will be delivered by Fred Shaughnessy, The principal speaker will be Mike of John M. Armitage American Legion Post

> A feature each year of the Memorial Day observance is a wreath-laying ceremony by a representative of the Gold Star Mothers, who is joined in this ritual by members of veterans' and fraternal groups from throughout the Indian Wells Valley.

> Sea Cadets and Boy Scouts will escort the wreath bearers as they participate in this symbolic act of paying homage to the nation's war dead

The observance of Memorial Day will be concluded with a benediction given by Shaughnessy; a volley of rifle fire by a firing squad from the Veterans' Coordinating Council; and the playing of "Taps" by Navy Lt. Dave Feldman, and the "echo" by MSSA Debbie Stuart.

At the conclusion of the program a luncheon will be served at the American Legion Hall, 641 Inyokern Rd., Ridgecrest.

## Summer is time of high accident potential, Safety Office advises

critical period of high accident potential exists. This period begins with the Memo-

highways; of extensive boating and swim- surf, driving on a freeway, water skiing ming; of leave, vacations, and outings of many kinds. Unfortunately, this is also a mountains, or simply working in the yard period of many accidents, personnel inju- or at a hobby, keep in mind that comries and fatalities

Aboard the Naval Weapons Center, a great deal of effort is made to impress all portance of preserving resources — people. material and money. On a naval station, the environment is controlled: safety is stressed in the working, living and recreational areas.

With the coming of the summer season, a the mountains, the cities and elsewhere

outside the naval environment. It is during these times, when "R&R" is rial Day holiday and runs well past Labor in progress, that many become complacent, or overextend themselves beyond their This is a period of crowded traffic on the capabilities. Whether swimming in the across a lake, climbing or fishing in the placency or over-taxing oneself may invite

Each person at the Center is a vital comhands, military and civilian, with the im- ponent of an enormous team, a team that requires a full measure of effort from each member to fulfill the mission of the Naval Weapons Center. The Safety Program Office wants everyone to enjoy the summer, but to remember that the Center needs On the other hand, during summer leave, everyone's services and wants everyone to vacations, and other recreation periods, return safely and in good health from anpersonnel will spend time at the beaches, in nual leave or other periods of recreation.

# The Rocketeer

Official Weekly Publication **Naval Weapons Center** China Lake

> Captain K. A. Dickerson **NWC Commander**

B. W. Hays Technical Director

**Dennis Kline Public Affairs Office** 

Don R. Yockey

Mickey Strang

PHAN Rebecca Gill **PHAN Greg Hogan** Staff Photographers



**Photographs** 

Tuesday, 4:30 p.m. Tuesday, 11:30 a.m.

The Rocketeer receives American Forces Press Service material. All are official U.S. Navy photos unless other wise identified. Printed weekly with appropriated funds by a commercial firm in compliance with NAVSO P-35 revised May 1979. 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.

# **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 accepted 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-C-118C. Applicants will be evaluated on the basis of experience, training, education, and wards as indicated in a written record consisting of a SF-171, at least one supervisory appraisal if it can be obtained, and any tests, medical examinations, interviews, and supplemental qualifications requirements that may be necessary. For managerial/supervisory positions, consideration will be given to applicant's support of the Equal Employment Opportunity programs and objectives. Applicants must meet time in grade and qualifications requirements by the closing date of the ad. The Naval Weapons Center is an Equal Opportunity Employer; selections are made without discrimination for any nonmerit reason.

ent No. 33-114, Interdisciplinary (Electronics Engineer/Physicist), DP-855-3, PAC No. 8033567, Code 3333 - This position is in the Advanced Technology Projects (ATP) Branch, Fuze Systems Division of the Fuze and Sensors Department. The ATP Branch, is responsible for the development of target detecting devices (TDDs), laboratory test sets, and captive flight interface and control instrumentation. The incumbent will e the project engineer for the EX 62 TDD. In this position, the incumbent will be responsible for the coordination with other DoD/DoE laboratories and agencies associated with the W81/SM-2(N) Project; Planning/ Coordinating EX 62 TDD project schedules and budgets coordinating/directing the EX 62 TDD team members; participating in W81/SM-2(N) and NAVWPNCEN design/ status reviews: participating in W81/SM-2(N) Project Of ficers Group committees. Job Relevant Criteria: Knowl edge and/or experience as a project engineer. Ability to plan, coordinate, budget and direct a project. Knowledge of electronics and microwave/radar theory.

Announcement No. 26-025, Maintenance Scheduler,

**ROCKETEER** 

WD-4701-7, JD No. 742N, Code 2611 - This position is located in the Production Management Branch, Maintenance Control Division, Public Works Department The incumbent is responsible for the formulation and execution of a short range and a long range shop load schedule of work. The incumbent must have a working knowledge of all trades involved in the operation of rious work centers. Job Relevant Criteria: Ability to facilitate production; technical practices; ability to inerpret instructions, specifications etc; knowledge of pertinent materials; knowledge of pertinent tools and up at the receptionist desk of the Personnel Bldg., 505 Blandy, Room 100. Note: This position is presently under

nent No. 26-044, Pipefitter, WG-4204-10, JD-725N, Code 26434 — This position is located in the Pipe/ Lagging Shop, Utilities Branch, Maintenance-Utilities Division, Public Works Department. The incumbent installs pipe, fittings and fixtures to construct or maintain piping systems such as steam heating, steam power, hot water heating, hydraulic, high pressure air, chemical acid, various gases, Cardox fire sprinkler systems, vacuum lines, nitrogen lines and oil line systems. Job Relevant Criteria: Ability to do the work of the position without more than normal supervision; ability to interpret instructions, specifications, blueprints, etc.; measure-ment and layout, materials, tools and equipment; troubleshooting; technical practices. Supplemental is required and may be picked up at the receptionist desk of

cement No. 26-045, Electrician Foreman, WS-2805-10, JD No. 7926050, Code 26446 — This position is located in the Electronic Shop, Electric-Support Branch,

#### Secretarial opportunities

nn is used to announce secretary position or which the duties and job relevant criteria are generally similar. Secretaries serve as the principal lerical and administrative support in the designate rganization by coordinating and carrying out such ctivities. Secretaries perform numerous tasks which nay be dissimilar. Positions at lower grades consis rimarily of clerical and procedural duties and, a ositions increase in grades, administrative function ecome predominant. At the higher level ecretaries apply a considerable knowledge of rganization, its objectives and lines of com unication. Depending on grade level, typica ecretary duties are implied by the job relevaniteria indicated below

Unless otherwise indicated, applicants will be rated gainst the job relevant criteria indicated below. upplemental form is required and may be obtained a Room 100 in the Personnel Building. Job Relevant duties; ability to review, control, screen and distribut ncoming mail; ability to review outgoin orrespondence; ability to compose correspondence iling systems and files management; ability to mee he administrative needs of the office; ability to train clerical personnel and organize workload of clerical staff processes; ability to plan and coordinate trave supervisor's calendar and to arrange conferences.

Announcement No. 26-043, Secretary (Typing), GS-318-4, PD No. 8326011N, Code 268 - This position is located in the Facilities Support Contracts Division, Public Works Department and provides support to that office. Promotion potential to GS-5; however, promotion not guaran-

nent No. 00-035, Secretary (Typing), GS-318-4/5, Code 03 - This is an intermittent position located in the Office of the Laboratory Director and provides support to that office.

Announcement No. 31-056, Secretary (Typing), GS-318-4, Code 3112 - This position is that of branch secretary for the A-6 Facility Branch, Avionic Facilities Division, Aircraft Weapons Integration Department. cement No. C-64-02 Secretary (Typing) GS-318-5/

6, Code 642 — This position is located in the Telemetry/ Test Engineering Division of the Aerosystems Department. Incumbent provides secretarial support to the diviuncement No. 32-015, Secretary (Typing), GS-318-4/5. PD Nos. 8432015N, 8132005N, Code 3247 - This position is located in the Ordnance Systems Dept., Advanced Technology Division, Gun Systems Branch. Incumbent

will provide secretarial support to the head, Gun Systems

Branch and to that office . nouncement No. 32-106, Secretary (Typing), GS-318-4/5, PD No. 8232014N, Code 3242 — This position is located in the Ordnance Systems Department, Advanced Technology Division, Thermal Structures Branch. The cumbent provides secretarial support to the branch.

Maintenance-Utilities Division, Public Works Depart ment. The incumbent is that of foreman in the Electroni Shop and is responsible for the electrical upkeep maintenance, repair and construction of buildings and equipment under the jurisdiction of the Public Works Department. The incumbent plans sequences of operations and work steps of employees supervised: interprets olueprints and instructions as required and prepares layouts and sketches. The incumbent plans division of work to employees; participates in a wide field of personel matters such as: hiring, safety, morale, leave, performance ratings, discipline and EEO. Job Relevant Criteria: Ability to supervise; technical practices; ability to interpret instructions, specifications, etc.; knowledge of materials; knowledge of pertinent tools and equipment interest in and potential to manage people probl (EEP). Supplemental is required and may be picked up at the receptionist desk of the Personnel Bldg., 505 Blandy Status eligibles may apply. Note: Applications must be received or postmarked no later than June 4, 1984.

ment No. 31-051, Interdisciplinary (Elec tronics Engineer/Physicist/Mathematician), DP-855, 1310/1520-3, PAC No. 8431678, Code 31507 - This position is that of a system engineer on the MultiSensor Targeting (MST) project development team for the Fighter/Attack Avionics Targeting Demonstration (F/AATD) Program, a major 6.2 Special Technology program being ac complished under the Targeting/Weapon Control Block The incumbent will be responsible for supporting the MST project team in the design, development, testing and evaluation of the MST architecture and will report directly to the MST Project Engineer. Job Relevant Criteria: wledge of digital hardware and software systems knowledge of system engineering; experience ment of software for operation under the VAX/ VMS operating system and VAX equipment systems in tegration; ability to communicate effectively orally and in writing; ability to plan, schedule, and coordinate work as

part of a major project.

Announcement No. 31-055, Interdisciplinary (Super visory Mathematician/Physicist/Electronics Engineer Aerospace Engineer-DP-1520/1310/855/861-3, PAC No. 8431688, Code 31942 — This position is that of section head of the Air-to-Ground/Navigation Section in the F/A-18 Projects Branch. This section provides systems and soft Corps F/A-18 fighter attack aircraft while operating in the air-to-ground and navigation modes. Job Relevant Criteria: Knowledge of weapon system engineering avionics systems engineering, software engineering ability to plan, schedule and coordinate technical work as part of a major project; ability to communicate well both sonnel within and outside of government at various organizational levels; knowledge of and willingness to pport NWC EEO policies and goals.

Announcement No. 31-052, Interdisciplinary (General, Mechanical, Electronics Engineer/Computer Scientist/ Physicist/Mathematician), DP-801/830/855/1550/1310/ 1520-2/3, PAC No. 8431685, 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 simulation/integra tion work stations for the development, test, validation and modification of operational flight programs exercised in the tactical computers of the A-6 aircraft. The incumengineer for the A-6 Facility's SEL computer systems The prime function of this position is to be the system manager for the existing SEL 32/67 and future SEL 32/87 or 32/97 computers. The incumbent will participate in design reviews and code walkthroughs with Center and contract personnel to assure that software under development is in compliance with the features of the facility's SEL computer systems. Job Relevant Criteria Ability to become expert in the SEL computer systems; ability to plan, schedule, and coordinate sysem software development as a part of a major project; ability to communicate, both orally and in writing; knowledge of Fortran and other HOLs.

icement No. 31-053. Administrative Assistant DA-341-1, PAC No. 3184686, Code 31102 - This position is in the Avionic Facilities Division, Aircraft Weapons Integration Department. The incumbent will provide assistance to the division administrative officer in budget preparation, contract monitoring plant account inventory, personnel action requests, space and power analysis, procurement activities and tracking, and imolementing general division guidelines and practices. Job Relevant Criteria: Ability to acquire knowledge of financontracting, personnel, space, and security



Sunday Worship Service Sunday School (Annexes 1, 2 & 4) Bible Study (East Wing, Wednesd ROMAN CATHOLIC

0830 Daily Mass (except Sunday 0745 0815 Sunday Religious Education Classes 1000 Sunday

JEWISH

1130-1230

Friday (East Wing)
UNITARIAN Sunday (Annex 95, as announced)

## Swimming pools at military clubs open this holiday weekend

May 25, 1984

With warm weather now at hand, it won't be long until the opening (full-time) of the outdoor swimming pools at the military clubs on the Naval Weapons Center.

Following the practice of past years, the outdoor swimming pools will be open on the Memorial Day holiday weekend (May 26 through 28) as well as on the weekend of June 2 and 3.

In addition, weather permitting and if lifeguards are available, the swimming pools at the Commissioned Officers' Mess, the Chief Petty Officers' Mess, and the Enlisted Mess will be open from 2 to 5 p.m. from May 29 to June 1 and from June 4 to 8.

The regular summer season schedule of outdoor swimming pool operations then goes into effect on Saturday, June 9, with all of the pools closed for maintenance on Mondays. The schedule is as follows:

**COM swimming pool** — 12 noon to 6 p.m. Tuesday through Friday, and noon to 7 p.m. on Saturday and Sunday.

CPOM swimming pool - 1 to 5 p.m. Tuesday through Friday, and noon to 6 p.m. on Saturday and Sunday

EM swimming pool — 12 noon to 7 p.m. Tuesday through Friday, and noon to 6 p.m. on Saturday and Sunday

Also available for use year-around is the indoor swimming pool at the Center gym. Its hours of operation are:

Monday through Friday, lap swimming 6 to 7:30 a.m. and from 10:45 a.m. to 1 p.m.; Monday, Wednesday and Friday, open swimming from 1 to 7 p.m.; Tuesday and Thursday, open swimming from 1 to 5 p.m.; Saturday, lap swimming from 11 a.m. to 12 noon, and open swimming from noon to 6 p.m.; Sunday, lap swimming from noon to 1 p.m. and open swimming from 1 to 5 p.m.

Swimming pool tags good for season-long use of the pools at the military clubs can be purchased at the Center gym office seven days a week. Information on pool party fees can be obtained at the Center gym office, where reservations for such events are being handled.

## Last three games of season lost by Scorpions '69 team

Three games on the road last weekend brought an end to the spring season of play in the Inland Empire Soccer League for the Scorpion '69 Soccer Club, a group of 12- to 14-year-old players.

Competing against more experienced teams, the Ridgecrest squad came out on the short end of a 6-1 score in a game played Saturday afternoon with the River-

On Sunday, the Scorpions lost a mid-day game by a score of 5-2 to the Redlands Rojas, and were shut out 3-0 in a 4 p.m. contest with the Corona Sting.

The Scorpions were forced into a defensive game by the constant pressure of the Riverside Devils. The local team's lone tally came on a crossing pass by Craig Rindt that set up a shot at the goal by Matt Ziegler, who scored.

During their first game Sunday, the Scorpions fell behind 2-0 in the first half of their tilt with the Redland Rojas, but scored two quick goals in the second half to tie the score at 2-2.

Paul Lelis netted the first goal, assisted by Bob Burge, and minutes later Jim Caves tallied another goal to make a tie ball

The constant physical pressure of the Rojas wore down the Scorpions, who gave up three goals in the final period of play. Matt Ziegler and Matt Mechtenberg were singled out by Coach John Piri as the Scorpions' outstanding players in this game. They set up passes and worked the ball well against their much taller opponents.

Despite good play by Rindt, Jason Okamoto, and Scott Hamilton, the Scorpions were defeated 3-0 by the Corona Sting in a fast, action-packed game.

# High country will draw many anglers on weekend

flock of anglers up into the Owens Valley, the high country lakes above the Owens Valley and on to the areas north of Bishop.

Bass and catfish are still plentiful in waters on the floor of the Owens Valley, but fishing in the river itself down there has not been particularly good.

The creeks that are planted are producing a lot of limits, but the best fishing of all in the southern Sierra region is in the lakes in the Big Pine Basin and above the Onion Valley (west of the town of Independence). Nearly all of these lakes are now ice free, and are full of very hungry brook trout. Hikers who want to fish (or anglers who are willing to hike) will be able to bring back

(A note of caution: Department of Fish

#### Scorpions '68 team loses final match of season to Riverside Devils A 4-0 loss last Sunday to the Riverside

Devils knocked the Scorpions '68 youth soccer team (composed of 15-year-old players) out of a possible tie for first place in the Western Division of the Inland Empire Youth Soccer League.

The loss in the season finale gave the Scorpions a record of five wins, three losses and a tie and earned them the runner-up spot in the Western Division, which was won by the Riverside team.

Inability of the Scorpions to handle the

and Game wardens advise that the warm caught now in Crowley. weather has brought a mammoth hatch of mosquitoes. Anyone heading north should be sure to take lots of repellant for protection against these insects.)

The lakes and streams in the Bishop area are all producing good catches of trout on salmon eggs, worms, Velveeta cheese, and nightcrawlers, while the best bait for fishing the Owens River, Pleasant Valley Reservoir and upper Owens River is proving to be crickets and nightcrawlers. Many of the high country lakes in the mountains around Mammoth still have ice on them.

Lake Crowley produced the fish of the week last week for the whole region when a 71/2 year old youngster caught an 8 lb., 6 oz., rainbow still fishing with a nightcrawler in McGee Bay. Some perch are also being

Fly fishermen throughout the area are doing very well because all kinds of bugs are hatching that trout like to eat. The best types of flies currently seem to be small black gnats and mosquitoes. (Again, a reminder to anglers and hikers to slather

Fishing is good both from shore and boats at all of the June Lake loop lakes, and browns are now starting to strike at Rush

In the Bridgeport area, a fisherman threw a hook baited with a garden worm over the side of his boat and caught a large trout. More trout, however, in the 4-pound range are apt to go after an inflated nightcrawler, marshmallows, or Hotshot lures, or even Velveeta cheese.

Switching player positions by moving score near the halftime intermission. Neil Johnson and Doug Dragovich into the middle near the start of the fourth quarter served to create three or four good scoring opportunities for the Ridgecrest, but the Scorpions were able to cash in on any of

The Riverside Devils, who have averaged 4.12 goals per game against league foes, tallied first on a penalty kick midway

midfield play of the Riverside team proved through the first half, and then went up 2-0 to be the downfall of the Ridgecrest team on a neat give-and-go play that produced a

> The division champs tacked on two second half scores to post a 4-0 shutout over the Scorpions whose goalie, Jason Cherry, was a bit shaky after a 3-week layoff due

> The Scorpion Soccer Club has scheduled its annual "soccerthon" to raise funds for uniforms and travel, on Saturday, June 2, starting at 8:30 a.m. at Davidove Field.

# Promotional opportunities

(Continued from Page 5) maintain, calibrate, and troubleshoot electron

uncement No. C-62-29. Electronics Technician. DT-856-2, PAC No. 8462550N, Code 62322 - This position is in the Range Engineering Branch, Range Instrumentation Division, Range Department. The incumbent's duties are the repair, update, and maintenance of servo systems us ed in cameras and optical tracking equipment, and the fabrication, check-out and test of electrical and electronic assemblies to be used in range data-gathering instrume tation. Job Relevant Criteria: Ability to work from schematics and to perform layout and assembly of electroni ents and to carry out documentation; knowledge of digital and linear circuits; ability to troubleshoot and tronic test equipment, both in the field and shop environ-

incement No. 36-134, Multidisciplinary Super visory General/Mechanical/Electronics/Aerospace Engineer/Physicist/Quality Assurance Specialist, DF 801/830/855/861/1310/1910-3/4, PAC No. 8036581E51, Code 3682 - This position is that of head, Quality Assurance Branch, Product Assurance Division, Engineering Department. The incumbent is responsible to the head Product Assurance Division for providing quality assurance support for a wide range of complex weapon systems and related equipment developed or managed by the Naval Weapons Center. This branch serves as the Center's point of contact for quality assurance and is responsible for providing direct technical quality assurance and quality engineering support on assigned programs and has the responsibility for establishment rdination and implementation of Center Quality Assurance Policies and Procedures consistent with applicable Center, DoD, NAVMAT, and NAVAIR requireents and policies. This is a high visibility position with much interface with contractor and off-Center government management and it requires a significant amount of travel. Job Relevant Criteria: Ability to supervise a large branch through subordinate section head supervisors; knowledge of the system acquisition process and weapon system development including esign, test and documentation; knowledge of and experience with the product assurance disciplines; ability to communicate well both orally and in writing: ability to management; willingness to support Federal EEO program goals and objectives. Only DP-3s and DP-4s may

management. ouncement No. 35-022-84, Multidisciplinary, Computer Scientist, Mathematician, Computer Specialist, DP-1520/1550-2/3, DS-334-2/3, PAC No. 8435139, Code 3541 - This position is located in the Radar Development Branch, Microwave Development Division, Electronic Warfare Department. The incumbent serves as the System Software Engineer for the Semi-Active Test System (SATS) and as such will be responsible for the design and development of the software associated with the computer system for SATS. The system will consist of a minicomputer, peripherals and display units which will command, control, and collect data for the entire SATS. Job Relevant Criteria: Experience in developing comouter system architectures; ability to communicate effectively, both orally and in writing: familiarity with minicomputer systems, real time and parallel processing techniques; familiarity with assembly and high order languages; knowledge of the structured techniques in

apply. Promotion to DP4 must be approved by Center

programming. Announcement NO. C-62-30. Electronics Technician. DT-856-2/3, PAC No. 8462526N, Code 62543 - This position is located in the Telecommunications Operations Section, Range Support Branch, Computer Systems/Data Division, Range Department. The incumbent will be involved in the design, development, testing, evaluation, operation, and maintenance of various types of range communications systems for use in support of ordnance testing on Naval Weapons Center ranges. The incumbent will nanage, troubleshoot, and maintain the range comnunications cable distribution system including mainaining p.m. schedules, trouble logs, and spares inventory. Responsibilities will also include assisting in the operation and maintenance of the range OJ-314/0A-7621 unications distribution systems and commandand-control transmitting equipment. Job Relevant Criteria: Broad, diversified knowledge in electronics, in-

cluding specialized work with analog and digital systems, microwave systems, and video systems. Ability to maintain, calibrate and troubleshoot electronic equipment. Status eligibles may apply.

Announcement No. 08-020, Supervisory Accounting Technician, GS-525-6/7, PD No. 7808091N, Code 08621 This position is located in the Cost Accounting Branch. Accounting and Disbursing Division, Office of Finance and Management. The incumbent will serve as a super visor in the control and maintenance of cost accounting records and susidiary ledgers for the Commercial Section Duties will include the review of incoming purchase orders and BPAs for accuracy and completeness; reconciling subsidiary ledger accounts; extracting necessary information from source documents, collating the data and preparing forms to enter the data into the automated system; auditing computer outputs for accuracy; alidating historical costs and transactions and has regular contact with NWC Project and budget personnel. Job Relevant Criteria: Knowledge of Document Entry System; knowledge of NWC accounting systems; ability to deal effectively with people; ability to work accurately with figures. Support of the EEO Program. Promotion potential to GS-8. Previous applicants need not reapply.

Announcement No. 39-031, Interdisciplinary (Physicist. Electronics Engineer/Computer Scientist), DP-1310/855/ 1550-3, PAC No. 8439558, Code 3926 — This position is located in the newly formed Inertial Development Branch within the Weapons Development Division of the Weapons Department. The Inertial Development Branch performs development, test and evaluation of inertial sensors and inertial systems. It also performs integration of inertial systems with navigation aides such as GPs and JTIDS. The incumbent will perform system engir on low cost strandown navigators for tactical missiles esponsiblities of position cover system integration hardware, and software disciplines. Job Relevant Criteria: Knowledge of inertial navigation concepts and mechanizations; knowledge of software requirements of strapdown and gimbal inertial navigators; ability to work well with others; ability to communicate effectively both orally and in writing.

Announcement No. 39-029, Physicist, DP-1310-3, PAC No. 8339517E12, Code 3941 - This position is located in the Sensors and Platforms Branch, Electro-Optics Division, Weapons Department. The incumbent provides analysis and modeling of missile and aircraft seekers; atmospheric transmission and radiance calculations; and detailed studies of sensor effectiveness as a function of detection wavelength. The analysis and modeling will be based on state of the art air-to-air missiles with seekers that have single and multiple detectors. Duties include but are not limited to constructing target models, performing analytical studies and documenting results. Job Relevant Criteria: Experience in developing mathematical models of aircraft and missile targets, model related IR physical phenomena, ability to use and modify existing computer codes to conduct analysis, ability to communicate verbally and in

Announcement No. 39-027, Administrative Officer, DA-341-1/2/3, PAC No. 8239587E03, Code 394 - This position is located in the Electro-Optics Division, Weapons Department. The division is responsible for the design, development, test and evaluation of advanced electrooptical air-to-air and air-to-surface weapon systems and the measurement and analysis of target and background signatures. The incumbent provides administrative support to the division head, division program managers and branch heads in the areas of budget administration, personnel and organizational management, program planning, analysis and reporting, financial management; procurement and contract monitoring, facilities, space and equipment management and various other administrative functions. Job Relevant Criteria: Ability to manage the administrative support for a large technical division, in depth practical knowledge of NWC, Navy and DoD budget administrative processes, with people, and ability to effectively communicate both orally and in writing. Previous applicants need not reapply.

Announcement No. 39-028, Supervisory Electronics Engineer, DP-855-3/4, PAC No.to be determined, Code 3942 - This position is head, Laser Guidance Branch, Electro-Optics Division, Weapons Department The incumbent manages and provides technical direction for the design, analysis and testing of infrared missile seekers and tracking systems, integration into weapons systems.

development. The incumbent also performs theoretical studies and analysis of proposed modifications and develops new system concepts for advanced air-to-surface weapons. Job Relevant Criteria: Experience in the design, analysis, test and evaluation of tactical air-to surface weapon systems; experience in coordination/ negotiation with Center, Navy, DoD and contractor organizations in defining technical and management objectives and controlling/reporting processes; technical and management objectives and controlling/reporting process; ability to communicate effectively both orally and in writing and willingness to support the EEO pro gram. Reassignment only at the DP4 level. Previous ap plicants need not reapply

Announcement No. 39-030, Supervisory Interdisciplinary (Electronics/General/Mechanical Engineer), DP-801/830/855-3/4, PAC No. 8439560, Code 3944 — This position is head, Electronics Branch, Electro-Optics Division, Weapons Department. The incumbent manages and pro vides technical direction for design, analysis and testing of infrared and electro-optical missile seekers. The in cumbent is primarily responsible for administration and ing development for the AIM-9M Product Improvemen Program. Job Relevant Criteria: Experience in design, elopment, analysis and testing of tactical missile/ subsystems, experience in infrared or EO missile systems seekers and guidance, ability to supervise an interdisciplinary work force, ability to plan, schedule and coordinate workload of the branch; ability to interface and coordinate with program managers and contractors for the purpose of meeting technical objectives: ability to communicate well both orally and in writing and will ingness and ability to support the EEO program Reassignment only at the DP-4 level.

Announcement No. 32-017, Supervisory, Interdisciplinary: Aerospace/General/Mechanical Engineer, Physicist, DP-861/801/830/1320-3/4, PAC No. 8432604E, Code 3242 - This position is located in the Ordnance Systems Dept., Advanced Technology Division, Thermal Structures Branch. The incumbent serves as head of the branch performing thermal and structural analysis for development programs and directing and performing ex perimental programs. The primary focus of the time is devoted to directing and actively participating in the remaining time is devoted purely to administrative mat ters, such as hiring and rating personnel, generating budget elements, assuring implementation of local policy and procedures, attending meetings and writing nontechnical memorandums. Job Relevant Criteria Ability to supervise; knowledge of thermal and structural analysis and testing; ability to communicate both orally and in writing: support the EEO and Affirmative action plans. Note: All new supervisors must serve a one year upervisory probationary period.

Announcement No. 09-023. Employee Development Specialist, DA-235-2/3, PAC No. 8309516E, Code 094 - This sition is located in the Personnel Organization and Development Division of the Personnel Department. The incumbent plans, administers, supervises, or evaluates programs designed to train and develop employees. Provides guidance, consultation, and staff assistance to management concerning training and development matters. Job Relevant Criteria: Ability to develop and maintain effective communications with all levels in organization; ability to plan and implement programs; ability to gather and analyze data and use it to develop sound re ommendations and decisions: ability to make oral presentations to a group.

Announcement No. 34-010-84. Technical Publications Writer/Editor, DA-1083-2, (Promotion potential: DA-3) PAC No 8434516E39 Code 3461 - This position is located in the Field Branch No. 1, Field Service Division, Technical Information Department. The incumbent is responsible for writing and editing technical publications, supporting department technical programs, and planning and preparing documentation in support of major programs Works closely with engineers and program managers to identify publications requirements and produce technical reports and documentation in support of RDT&E programs. Job Relevant Criteria: Ability to write and edit technical material using specialized skills. Knowledge of publishing techniques. Knowledge of grammar, Ability to work with civilian and military customers and communicate effectively both orally and in writing

# **SPORTS**

## Dodgers have edge in Major Division of CL Little League

With the first half of the season in the record books, (except for a makeup game between the Dodgers and the Red Sox), the Dodgers look like the probable winners of the first half championship in the Major Division of the China Lake Little League.

Last week, the Dodgers boosted their record to four wins and one loss as a result of a pair of convincing wins by scores of 17-8 and 18-7 over the Tigers and Yankees,

Scores of other Major Division games played last week were Red Sox 13, Yankees 2, and Tigers 10, Red Sox 6.

Rusty Waugh, stellar catcher for the Dodgers, hit two home runs and had six RBIs in his team's 17-8 win over the Tigers. The division leaders took advantage of 13 walks by four pitchers for the Tigers, who suffered their second loss of the season.

In their game with the Tigers, the Dodgers broke on top by scoring seven runs in their first time at bat, including a home run by Waugh with a runner on base.

Marc Bartholic was the winning pitcher for the Dodgers, while Brian Gustavson was handed the loss. Both have 3-1 records.

In their second game played last week, the Dodgers overpowered the Yankees 18-7 on the strength of a 4-for-5 performance at the plate by Waugh, and two more hits by a teammate, Jeff Blackwell.

The Yankees, who were outhit 15-4 by the Dodgers, also committed seven errors, issued six walks, and two Dodgers were put on base as the result of being hit by a pitched ball. The Yankees trailed by just 10-7 after four innings of play, but were then outscored 8-0 as the Dodgers went on to win by a 11-run margin.

The Red Sox battered the Yankees 13-2 while picking up their second win of the season. Two hits each by Stacy Miller, Bobby Puckett and Jerry Cline paced the Red Sox attack. Mike Browning also was credited with two hits in a losing cause for good time last Saturday at the Commisthe Yankees.

A 4-run rally in the fourth inning got the Tigers on the winning track after falling behind 6-3 in the first two innings of play in their game with the Red Sox.

Paul Ashton picked up his initial win of the season as a pitcher for the Tigers. Sean Gustavson, relief pitcher, finished the game for the Tigers. Three hits by Jake and third in the various age group divi-Geiger and two by Brian Gustavson paced

#### Skills contest for soccer players set at Davidove Field

A soccer skills contest for boys and girls in the first through ninth grades will be hosted by the Scorpion Soccer Club tomorrow, from 10 a.m. to 12 noon, at Davidove

There is a \$1 entry fee to cover the cost of awards, and registration will begin at 9:30

No members of the Scorpion Soccer Club will be entered, but will be present to help conduct this event. There will be first, second and third place awards for winners and runners-up in the various school grade divisions of the competition.

Entrants will have the opportunity to display their talent in seven different soccer-playing skills. These include juggling the ball with the foot, dribbling the ball between cones in a specified time, booting penalty kicks, kicking for distance, a foot race dribbling a soccer ball, and playing

# NWC O's capture Military Softball League lead

The NWC O's, winners by a score of 13-6 7-run margin of 13-6. over The Beef, last week took over sole possession of first place in the Military singles each in four times at bat, led the (slow pitch) Softball League, sponsored by NWC O's at the plate, while Brice Hamthe Recreation Services Department.

Knocked out of a tie for first place were the Bad News Bears, who were edged 5-4 by VX-5. Scores of other games played last week were the Intruders 13, The Beef 3, and The Who 12, Hornets 8.

runs in their first time at bat in the game with NWC O's, and added one more in the bottom of the second inning to trail by a the top of the seventh. score of 6-5 after two innings of play.

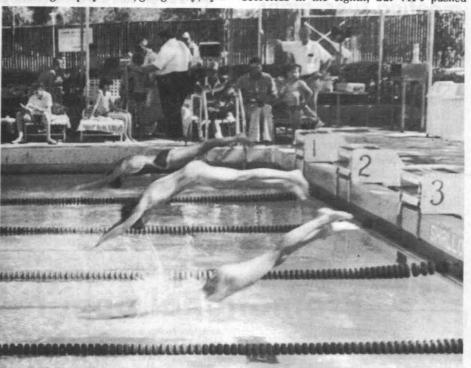
The NWC O's produced four runs in the second inning to gain the lead, and then

Bob Maholchic and Len Fox, with four merstein chipped in a double and two

singles for the officers' team. It took two extra innings of play to decide the winner in the VX-5 vs. Bad News Bears

The Bears broke on top by scoring twice Players for The Beef, winless in four in the top of the second inning, only to allow games played so far this season, gave a the VX-5 squad to chalk up three runs in the good account of themselves by scoring four bottom of the fifth. The Bears tied the score with a run in the sixth and took a shortlived lead of 4-3 by scoring one more run in

VX-5 bounced back with a single tally in the last of the seventh that tied the score at 4-4 at the conclusion of the regulation seven outscored The Beef 7-1 in the remaining innings of play. After that, both teams were five innings of play to win, going away, by a scoreless in the eighth, but VX-5 pushed



THEY'RE OFF - Swimmers in this event hit the water within a split second of one another during the meet held last Saturday at the Commissioned Officer's Mess swimming pool. The event attracted entrants from Bishop, Edwards Air Force Base and Tehachapi to compete against members of the Indian Wells Valley and High Desert

across the game-winning tally in the bottom of the ninth.

VX-5 was led at the plate by Karl Osborne, who had two doubles and a single in three times at bat, and by Tom Viviano, with a double and two singles to show for his three trips to the plate.

The Bears countered with two doubles by Dan Whittenberg and one by Cooper, as well as a pair of singles by Lawrence

In what turned out to be a lopsided game, the Intruders scored six runs in the fourth inning enroute to a 13-3 win over The Beef, who tallied one run each in the first, fourth and sixth innings of play.

Long ball hitters in this contest were Pete Petruzzi and Buddy Suttles, of The Beef, who each hit a double, as did Bill Glenn and Jimmy Flick for the Intruders.

Flick, however, was four for four, as he also had three singles to go along with his two baggers, and Glenn had two singles in addition to the double that he hit. Frank Saltzgiver, also of the Intruders, batted 1.000 with four singles in four times at bat.

The Who evened its record at two wins and two losses last week by overcoming a 4-2 first inning deficit to defeat the Hornets

The Who came on strong late in the game by tallying five runs in the fifth and another four in the sixth to wrap up the win. Mitch Johnson led The Who at the plate with a triple and a single, while a teammate, Rolando Williams, was three for four (all

Terry Miller had the only extra-base hit (a double) for the Hornets.

Standings in the Military (slow pitch) Softball League (as of May 18) are as

A CULANA	11 044	200
NWCO's	3	0
Bad News Bears	2	1
Intruders	2	1
VX-5	2	1
The Who	2	2
Hornets	1	3
The Beef	0	4

## Youth swim teams vie in meet held at COM pool

Between 175 and 200 boys and girls from under 6 up to 18 years age had a splashing sioned Officers' Mess swimming pool. where members of the Indian Wells Valley and High Desert swim teams competed against their counterparts from Bishop, Edwards Air Force Base and Tehachapi.

No team scores were kept in this event, during which four new meet records were set. Medals were presented for first place, and ribbons to those who finished second

Record setters were IWV's Jean Chan, 35 sec., in the girls age 13-14 butterfly stroke; IWV's E. Freeman, 35.85 sec., in the girls age 13-14 breaststroke; and M. Sexton of Bishop, 2 min., 24.91 and 28:42 in the girls age 6 and under individual medley and butterfly stroke, respectively.

Other results, including the name (team or individual), the age group, event and the times, were as follows:

Boys 15 to 18 yrs. - IWV, 2:18.53; High Desert, 2:13.88. Girls 15 to 18 yrs. — Bishop, 2:46.95. Girls 11 to 12 years - High Desert, 2:57.50; Bishop,

Girls 9 and 10 yrs. - Bishop, 3:04.50; IWV, 3:29.00; High

Girls 6 yrs. and under - M. Sexton, Bishop, 2:24.91. Girls 7 and 8 yrs. - L. Pyle, High Desert, 1:59.67; K. Zwierzchowski, 2:35.46, and L. Escallier, 2:44.70, both of

Boys 7 and 8 yrs. - T. McAteer, Bishop, 1:51.51; D. Ligon, Tehachapi, 2:01.50; M. Barnes, High Desert, 1:44.21, both of Bishop; J. Downs, 1:57.80, Edwards.
Boys 9 and 10 yrs. — B. Clapham, Bishop, 1:33.81; D.

Young, IWV, 1:39.43. Girls 11 and 12 yrs. — K. West, High Desert, 1:31.11; N. Campbell, 1:31.52, and S. Hanks, 1:34.59, both of Edwards.

Boys 11 and 12 yrs. — P. Zurn, 1:32.23, and M. Pohl, 1:32.84, both of IWV; B. Boyd, 1:37.00, Bishop. Girls 13 and 14 yrs. — E. Freeman, 1:20.16, IWV; J. mson, 1:29.50, Bishop; J. Dunker, High Desert,

Boys 13 and 14 yrs. - T. McAteer. Bishop. 1:15. 38: D. Lowham, High Desert, 1:18.82; B. Fawkes, IWV, 1:25.84. Girls 15 to 18 yrs. — M. O'Brien, IWV, 1:24.26. Boys 15 to 18 years. — T. Bouse, High Desert, 1:11.21; S. Swinford, IWV, 1:15.03; C. Dunker, High Desert, 1:16.02.

Freestyle Girls 6 yrs. and under - M. Sexton, Bishop, 21.81; S. Dertien, Edwards, 23.14; B. Pyle, High Desert, 27.34. Boys 6 yrs, and under - D. Swinford, 30.02, and J. P. Escallier, 30.08, both of IWV; S. Mathews, High Desert,

Girls 7 and 8 yrs. - C. Young, 19.61, and L. Koskella, 20.08, both of IWV; L. Pyle, High Desert, 20.50. Boys 7 and 8 yrs. - D. Sexton, Bishop, 19.00; C. Jones. High Desert, 19.39; D. Ligon, Tehachapi, 19.88. Girls 9 and 10 yrs. — S. Ungersma, Bishop, 36.76; C. Swinford, 38.91, and M. O'Brien, 39.40, both of IWV. Boys 9 and 10 yrs. — B. Clapham, 35.74, D. Sexton, 38.44,

and M. Anderson, 40.10, all of Bishop Girls 11 and 12 yrs. - D. Parlet, High Desert, 35.42; A. Kobayashi, Bishop, 35.77; N. Pandolfe, Tehachapi, 36.10. Boys 11 and 12 yrs. - J. Sexton, Bishop, 33.63; R. Bouse, High Desert, 35.75; K. Smith, Tehachapi, 35.78. Girls 13 and 14 yrs. - Jean Chan, IWV, 30.75; J. Bornfleth, High Desert, 31.70, L. Youngblood, Tehachapi, 34.29. Boys 13 and 14 yrs. — D. Lowham, High Desert, 30.50; R. Stromberg, 33.33, and J. Bradley, 34.64, both of IWV. Girls 15 to 18 yrs. — M. O'Brien, IWV, 30.84; E. Lowham, High Desert, 30.93; B. Ried, Tehachapi, 42.57.

Swinford, IWV, 28.33. Girls 6 yrs. and under — S. Dertien, Edwards, 30.31; J. Cox, High Desert, 32.90; J. McNiel, Tehachapi, 33.25. Boys 6 yrs. and under - C. Robertson, High Desert, 30.59; J. P. Escallier, IWV, 35.50; J. Janson, High Desert,

Girls 7 and 8 yrs. - L. Pyle, High Desert, 23.36; C.

Young, IWV, 24.26; A. Auld, High Desert, 26.20. Boys 7 and 8 yrs. - T. McAteer, Bishop, 24.00; J. White, Techachapi, 25.99; D. Sexton, Bishop, 26.64. Girls 9 and 10 yrs. - M. O'Brien, IWV, 48.50; R. Bailey. IWV, 53.88; C. Pandolfe, Tehachapi, 54.34. Boys 9 and 10 yrs. - Anderson, Bishop, 54.15; J. Pearl, High Desert, 54.94; T. Eilers, Tehachapi, 56.64.

Girls 11 and 12 yrs. - K. West, 39.98, S. Klassen, 43.17,

Boys 11 and 12 yrs. - J. Sexton, Bishop, 43.54; M. Pohl, IWV, 44.80; G. Janson, High Desert, 46.80. Girls 13 and 14 yrs. - J. Bornfleth, High Desert, 38.37: J. Chan, IWV, 39.10; C. Jackson, Bishop, 40.49. Boys 13 and 14 yrs. - T. McAteer, Bishop, 35.79; R. Stromberg, IWV, 42.05.

Girls 15 to 18 yrs. - M. O'Brien, IWV, 36.97. Boys 15 to 18 yrs. - M. Armstrong, Bishop, 47.55.

and D. Parlet, 43.92, all of High Desert.

Girls 6 yrs. and under — B. Pyle, High Desert, 37.03. Boys 6 yrs. and under — J. P. Escallier, 34.39, and O.

Taylor, 56.37, both of IWV. Girls 7 and 8 yrs. - C. Young 25.46, and L. Koskella, 28.74, both of IWV; A. Auld, High Desert, 30.37.
Boys 7 and 8 yrs. — C. Jones, High Desert, 25.88; G. Ligon, Tehachapi, 27.58; J. Stout, Bishop, 34.69. Girls 9 and 10 yrs. — S. Ungersma, 51:15, L. Bennett, 56:27, and M. Boyd, 56:35, all of Bishop.

Boys 9 and 10 yrs. - D. Young, IWV, 51.23; B. Auld, 57:03, and S. Matthews, 1:14.35, both of High Desert. Girls 11 and 12 yrs. - N. Campbell, Edwards, 48.60; T. Thayer, Bishop, 49.40; S. Klassen, High Desert, 49.78. Boys 11 and 12 yrs. - R. Bouse, High Desert, 47.20; D. Peters Tehachani 55:00 Girls 13 and 14 yrs. - E. Freeman, IWV, 38.85; J.

Dunker, High Desert, 41.80; K. Smith, Tehachapi, 45.40. Boys 13 and 14 yrs. - B. Fawkes, 43.03, and R. Stromberg, 44.47, both of IWV; B. Brown, of Edwards,

Girls 15 to 18 yrs. - E. Lowham, High Desert, 43.19. Butterfly

Girls 6 yrs. and under - M. Sexton, Bishop, 28.42; J. Cox, High Desert, 34.58; S. Dertien, Edwards, 36.27. Boys 6 yrs. and under - D. Swinford, IWV, 35.24: C. Robertson, High Desert, 38.33.

Girls 7 and 8 yrs. — T. Thayer, Bishop. 30.12; K. Zwierzchowski, IWV, 31.00; B. Lewis, High Desert, 38.63. Boys 7 and 8 yrs. - C. Jones, High Desert, 23.31; T. McAteer, Bishop, 23.92; M. Barnes, High Desert, 24.89. Girls 9 and 10 yrs. - S. Ungersma, Bishop, 44.79; C. Swinford, IWV, 45.59; N. Clark, Tehachapi, 51.52. Boys 9 and 10 yrs. - B. Clapham, Bishop, 42.90; B.

Girls 11 and 12 yrs. - K. West, High Desert, 40.60; S. Hanks, Edwards, 42.20; D. Fussner, High Desert, 43.05. Boys 11 and 12 yrs. — J. Sexton, 40.95, and B. Boyd, 46.90, both of Bishop; R. Bouse, High Desert, 48.92. Girls 13 and 14 yrs. - Jean Chan, IWV, 35.00; J. Bornfleth, High Desert, 35.13; C. Anderson, Bishop, 37.95. Boys 13 and 14 yrs. - D. Lowham, High Desert 33.55; T. McAteer, Bishop, 34.56; B. Fawkes, IWV, 38.99. Girls 15 to 18 yrs. - E. Lowham, High Desert, 37.55. Boys 15 to 18 yrs. - T. Bouse, 30.95; S. Swinford, High Desert, 33.33.

Freestyle Relay Boys and girls under 6 yrs. - High Desert, 2:23.14; Bishop, 2:42.29. Girls 7 and 8 yrs. - High Desert, 1:37.98; Bishop,

Boys 7 and 8 yrs. - Bishop, 1:27.82; High Desert, 1:55.91. Girls 9 and 10 yrs. - IWV, 3:02.83; Tehachapi, 3:39.60;

Edwards, 3:46.21. Boys 9 and 10 yrs. - Bishop, 2:51.13; High Desert 3:10.58; Tehachapi, 3:30.04. Girls 11 and 12 yrs. - Edwards, 2:36.02; High Desert, 2:42.21; Tehachapi, 2:46.84.

Girls 13 and 14 yrs. — IWV, 2:17.61; Tehachapi, 2:22.20; High Desert, 2:22.88. Boys 15 to 18 yrs. - Bishop, 2:10.48.

Boys 11 and 12 yrs. - IWV, 2:36.90

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

May 25, 1984

Civilian Employee — I live in base housing. We tell our kids who are going to school to cross the street only in the crosswalks, which are marked by yellow stripes. However, there are no crosswalks in many places, for example, at the intersection of Kearsarge and Leyte. I'm sure that if you were aware of this, you would have done something about it.

To establish a crosswalk outside of an actual school zone requires that certain conditions exist related to the volume and speed of traffic, street width and the number of pedestrians crossing. For this reason, the traffic controls necessary in a school zone are not needed in a residential area away from heavy traffic. Analyses have shown that at many locations, such as at Kearsage and Leyte, crosswalks requested by parents, teachers and other citizens are unnecessary and tend to lessen the respect for those warranted.

Civilian Employee - Recently I had reason to be out in the Range Control Center. I am very short, and the drinking fountains out there are very high. I could hardly get a drink without having to ask someone for a boost up. This is embarrassing once you have reached my age. It made me think that if I can't get a drink from those fountains, I know someone in a wheelchair certainly could not.

It's my understanding that all newly-built government buildings are supposed to meet specific standards to make them accessible to handicapped personnel. If this is the case, why doesn't one of the newest buildings on Center meet these

The Range Department is aware of the height of the drinking fountain. The installation of handicapped drinking fountains has been planned and estimated by Public Works, and the drinking fountains are now on hand. The Range Department has provided the funds for installation and work will commence soon.

All new Government buildings are now required to be designed in accordance with the Architectural Barriers Act published by the Architectural and Transportation Barriers Compliance Board. Handicap accessibility will thus be assured in all new buildings.

Your concern for handicap accessibility is appreciated.

## Briefings presented on Code 64 R&D efforts

Cdr. William Brenner, from the Aviation Plans and Requirements Division of the Deputy Chief of Naval Operations (Air the Aerosystems Department (Code 64).

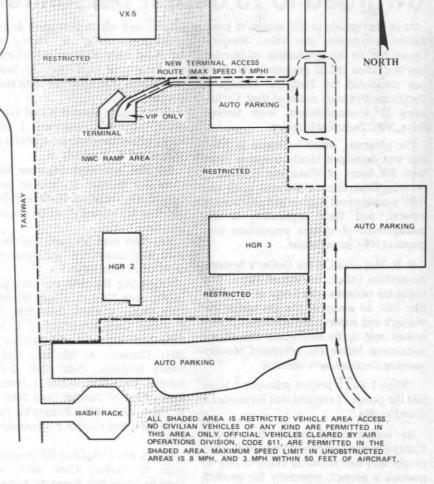
Cdr. Brenner, who is assigned to one of Code 64's major sponsors for the development of parachute systems, received a tour of Aerosystems Department facilities that as the department's instrumentation and Simulation capabilities.

Briefings on current programs of par-Warfare), paid a recent visit to the Naval ticular interest were presented to Cdr. Weapons Center for briefings on parachute Brenner by Code 64 personnel. One such research and development efforts within briefing pertained to the Sea Water Activated Release Systems (SEWARS) that was incorporated into the Fleet recently.

Some other programs that were highlighted for the benefit of the visitor from Washington, D.C., were the Aircrew included the new Paraloft and Fabrication Gliding Escape System, the Navy Aircrew Building, located at Armitage Airfield; the Common Ejection Seat, and Code 64's textiles research and test facility, as well Parachute Data Analysis and Computer



ACCIDENT INVESTIGATION ANALYSIS — Cdr. William Brenner (in center), from the office of the Deputy Chief of Naval Operations (Air Warfare) in Washington, D.C., had the opportunity to check on the work of parachute system accident investigation analysts during a recent two-day visit to the Aerosystems Department. Shown with the visitor from the nation's capital are C. V. Bryan (at left), head of Code 64, and (at right) Bruce Trenholm, accident investigation specialist. — Photo by Terry Pascarella



AIRFIELD AIRCRAFT PARKING RAMP

# Strict limits placed on vehicle access to aircraft parking areas

limitations on vehicle access to the aircraft parking ramps in all areas of Armitage Airfield.

Since this past Monday, only vehicles identified by having orange- and whitecolored checkerboard tops are permitted to be driven on the aircraft parking ramps around Hangar One (occupied by VX-5) and also Hangars Two and Three (in use by the NWC Aircraft Department and for other project work).

China Lake police will be maintaining a closer watch on vehicular traffic at Armitage Airfield to insure that this new procedure is followed. Any violators will be cautioned initially, but after an initial period deemed sufficient to give all hands sufficient time to become familiar with the regulations, tickets will issued to those who ignore the new instructions.

Departments that have a need for vehicular access to the aircraft parking ramps at Armitage Airfield can make arrangements for permission to have vehicle tops given an orange- and white-colored

## Thompson, McLean Award luncheon scheduled June 15

The L. T. E. Thompson Award and the William B. McLean Award will be presented on Friday, June 15, during a luncheon in honor of the recipients. The luncheon will be held in the Mojave Room of the Commissioned Officers' Mess starting Donohue, associate head of the NWC Airat 11:30 a.m.

The Thompson Award is the Center's highest recognition for outstanding individual achievement. It is given for notable contributions to the advancement of ordnance towards fulfillment of the mission of NWC - thereby aiding the forces of the U.S. Navy.

The McLean Award was established to recognized outstanding creativity among employees in furthering the mission of the Center, as evidenced by significant inven-

Reservations for the awards luncheon can be made by calling either NWC ext. 2634 or 3379 by 11:30 a.m. on Wednesday, June 6. Luncheon choices are chef salad or ham steak Hawaiian (both \$5). Those who make a reservation and cannot attend must cancel or they will be billed by the Commissioned Officers' Mess.

Beginning this week, there are strict checkerboard top by submitting a request in writing to ABCM L. C. Duysen, Airfield Operations Division Officer, phone NWC ext. 5464.

> When submitting such a request, the information should include the type of vehicle, its USN number, as well as justification for vehicle access on the aircraft parking

> Any vehicles adorned with an orangeand white-colored checkerboard top without such a move being authorized will be stopped, and their drivers will be cited by patrolmen of the China Lake Police Division for driving unauthorized vehicles on the aircraft parking ramp.

A new access road to Armitage Airfield, located east of the present one, is expected to be finished and ready for use in September. In the meantime, however, the existing roads will be open to normal airfield traffic, but only designated parking areas may be used by military personnel, employees and visitors to the airfield.

Access to the VIP passenger terminal is authorized for those personnel who are required, in the performance of their duties, to utilize the services of the terminal. Vehicle parking for personnel transported by Navy aircraft is provided in another nearby parking lot - not the small one adjacent to the passenger terminal.

Removing all extraneous privatelyowned vehicle traffic from the aircraft parking ramp is a step that is being taken to reduce the potential for foreign object damage (FOD) to costly Navy aircraft, Ed craft Department, explained.

A growing number of employees at the airfield, coupled with an increase in the number of aircraft assigned to NWC has made this step necessary, Donohue added, noting that FOD attributable to small pebbles picked up in the tread of automobile or truck tires and then sucked up into jet aircraft engines can be very costly.

"I hope that the new actions taken by the Aircraft Department to help protect its assets won't inconvenience anyone, but we feel these controls are necessary," Donohue said.

#### Navy Hotline

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

# **Technical Managers Certificate** awarded to 23 Center personnel

uation ceremonies, the Naval Weapons Center had its own graduation on Monday morning when the 23 personnel who have just completed the Technical Managers' Certificate Program received their Certificates of Accomplishment from Burrell Hays, NWC Technical Director.

The program, which is unique to NWC and was developed locally, requires more than 330 hours of classroom instruction covering Department of Defense, Navy and NWC management policies and practices in general, and their application to the management of system acquisition programs at NWC in particular.

C. B. May, head of the Center's Systems Acquisition Office, introduced Hays, who began his remarks with a note of appreciation that so many of the graduates' coworkers and supervisors attended the ceremony held in the Michelson Laboratory auditorium before the scheduled Monday morning Commander's meeting.

"When I was a project manager," Hays told the group, "I realized that we needed a

He continued by saying that Frank Knemeyer also recognized the need to train people who had technical skills in how to manage a project, especially the product assurance phase, and how to deal with industry at this phase.

Knemeyer assigned the late Leroy Doig, Jr., to develop the program, which he did. The program itself is practical, not theo-

As is appropriate in this season of grad- retical, and alerts managers to potential pitfalls, according to Hays, but, he reminded the graduates, "I don't mean that the class will equip you to handle all possibilities. You still need to be innovative

high on it," Hays added.

He also reminded everyone that Doig (who died on May 11) was an important part of the Technical Managers' Program and that his memory will be around for a

ates, who came forth and received their certificates from Hays.

Smith, Code 02A1; D. Madge Bryant, Code 3265; Peggy A. Chun, Code 3246; Norman E. Fasig, Code 3261; Clifford T. Johnson, Code 3261; Sandra L. Schwarzbach, Code 3274; Clarence A. Merzals, Code 3352; Belding, Code 3554; James H. Irvine, Code 36602; Flint W. Jacobs, Code 3686; Robert Code 3664; and Gordon F. Wenneker, Code

Others who completed the program were Estrada, Code 395; Frank N. Fulton, Code 3957; Jerry C. Hinman, Code 3904; Karl D. Kuehn, Jr., Code 3915; Milton O. Ravsten, Code 3907; Thomas A. Stogsdill, Code 3921; Ronald C. Wilson, Code 3925; and Larry L. Rollingson, Code 6421.



FUTURE EMPLOYEE? — Connie Robinson, one of a group of elementary school students from Vieweg and Groves School, is delighted with the computer's response to an instruction that she has typed. As part of the Center's Affirmative Action School Visitation Program, youngsters and their teachers visit the Center to learn what the Navy is doing on the desert. The computer was programmed to respond to questions about date, time, weather, and to play a game (LIFE, written for a course in PASCAL) with the children in such a way as to enhance the youngsters' confidence in their own - Photo by PHAN Rebecca Gill

"What's good about it is that you are not going out totally unarmed. I feel very strongly that the program is useful and I'm

May then read the names of the gradu-

Completing the program were Garyl D. Alexis Schlanta, Code 3304; Robert L.

W. Ayers, Code 3921; Anthony

The classes are designed to help prepare DoD employees. the children for kindergarten and involve work on academic readiness skills and

new school year on Sept. 4 and continue un- Children's Center complex. For more intil the following June.

Classes for children four years of age Connelly by calling NWC ext. 2422.

NAVY LEAGUE OFFICERS INSTALLED — Richard Suprenant succeeded Vivian Boultinghouse as president of the Indian Wells Valley Council of the Navy League of the United States during a dinner and installation of officers held on the evening of May 17 at the Commissioned Officers' Mess. Shown with Suprenant as he accepted the president's gavel from Capt. K. A. Dickerson, NWC Commander, who served as the instal ling officer are Tom Franklin, historian-judge advocate; and Judy Follis, treasurer. Other new Navy League officers, unable to be present for the photo, are Geno Ferraro, executive vice-president; Bill McEwan and John Dipol, second and third vice-presidents, respectively, and Roger Ward, treasurer.

## Enrollment open in enrichment E. Olson, Code 3606; William G. Tomaras, Code 3664; and Gordon F. Wenneker, Code

The NWC Children's Center has sched- are planned from 7:30 to 11 a.m. on Monuled another series of developmental days, Wednesdays, and Fridays. classes for preschool age children of The monthly fees are \$52 for military military and Department of Defense employees that will begin next fall at the Children's Center complex located in dorm building No. 462 at the corner of Lauritsen

dependents and \$63 for DoD employee

Classes for three-year-olds will be held from 7:30 to 11 a.m. on Tuesdays and Thursdays. The monthly fees are \$36 for military dependents and \$45 for children of

Parents of eligible pre-schoolers who wish to enroll their children in the Fall Enrichment Program can register them Classes will start at the beginning of the now at the After School Center in the formation, parents may contact Eileen

# China Lake Police reports

A vehicle, reported stolen in Ridgecrest, porarily from her home to a child care was found by China Lake police shortly after 1 p.m. on Thursday, May 17.

The missing car, a 1976 Pontiac Grand Prix, had been abandoned on Burroughs the NIS. Avenue in the Capehart B housing area.

CHILD ABUSE INCIDENT

The Naval Investigative Service (NIS) is checking into a possible case of child abuse that was brought to the attention of China Lake police by workers at the NWC Child

Bruises on the youngster were reported

The youth was transported to the China Lake police station for a talk with the juvenile officer. The matter has been referred to the Kern County Probation Depart-

The theft of a valuable radio from a vehicle parked in the Public Works Department's maintenance compound was reported Monday afternoon to China Lake police. Estimated value of the radio, which was discovered to be missing at 3:30 p.m.,

A 5-year-old boy reportedly tampered

SNACK BAR FUNDS EMBEZZLED

Embezzlement of funds totalling \$245.75 was reported last Friday to China Lake police by the manager of the Navy Exchange-operated Plaza Snack Bar. An

# Run from airfield to top of 'B' Mountain will aid Navy Relief

plosive Ordnance Disposal Group; and Lt. Brice Hammerstein, who heads the Food Service Division in the Supply Department, are willing to go one step further in their support of the Navy Relief Society fund drive. In fact, they are planning to go a lot of steps on Thursday, May 31.

They will run (run, that is) from the Armitage Airfield parking lot to the top of B Mountain — and then will run all the way back. Supporters can pledge a donation to the Navy Relief Society fund drive with regard to how long the runners will take to get to the top of the mountain, or how long the entire race will take.

If the three Navy officers get to the top of the mountain within 2 minutes of their predicted time of 70 minutes, those making a pledge will be expected to double the amount that they have pledged on this "run for the good cause.

If the men make the top (or either direction) within 5 minutes of their stated time. those making a pledge must add \$1 to the amount that they have pledged. If the time is more than 5 minutes off, then the straight pledge will be collected.

The three officers will start their run at

### Speaker on June 6 to shed light on future for America

All those who are interested in what the future holds for America can get an informed glimpse at changes occurring by attending a talk on Wednesday, June 6, at 9:30 a.m. in Rm. 1000D, the Michelson Laboratory auditorium.

Speaker for the occasion will be John Elkins, who has been with the Naisbitt Group since 1980. John Naisbitt based his best-selling book, "Megatrends," on the research performed by this group.

During the afternoon, Elkins will speak to a group of senior personnel at NWC including all those holding the rank of department head or higher.

## China Lake Flying Club slates meeting Saturday morning

The China Lake Flying Club will hold an all-hands meeting at 9 a.m. tomorrow at Maxine's Restaurant, 1429 N. China Lake Blvd., Ridgecrest. All members and their families are invited to attend.

Cdr. Ken Koskella, a flight surgeon, will brief those present on safety, desert survival, and hot weather operations. His briefing will be followed by a short general meeting and discussion.

Members are reminded to bring their log books to aid in filling out the club's semiannual qualifications forms.

Capt. Joe Phaneuf, head of the Aircraft 7:30 a.m. Thursday, and will head up the Department, LCdr. Terry Briggs of the Ex- bike path to Lauritsen Road, then will turn onto Knox Road as far as North Knox Road, and will proceed along that street, until they reach the B Mountain access road. They will trot up that to the top before retracing their steps to make the easier run down the mountain and back to the airfield.

ROCKETEER

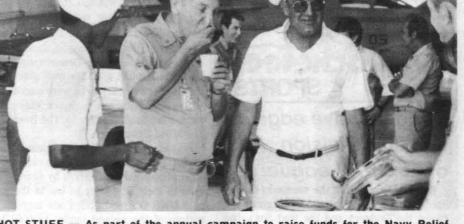
Those who wish to pledge a donation in support of the run can contact Bonnie Jones, NWC ext. 5405; Kate Fitzpatrick, NWC ext. 6311; LCdr. John Cullinan, NWC ext. 5195; Lt. Hammerstein, NWC ext. 3830; or any Navy Relief Society fund drive

## NWC housing mgr. invites tenants to meeting Tues, night

Tenants of Navy housing at China lake them with the opportunity to get acquainted with Dwight W. Holford, housing manager and head of the Public Works Department's

The meeting, which also will serve as a forum for answering questions about housing that tenants may have, will be held at 7:30 p.m. Tuesday in the Activity Center (former Station Restaurant), located at the corner of Blandy Avenue and Lauritsen

Any tenants who have a particular subject in the area of housing that they would like to have discussed are asked to make this known ahead of time by calling the Housing Office, phone 3411, ext. 319.



HOT STUFF - As part of the annual campaign to raise funds for the Navy Relief Society, VX-5 held a "chili-cookoff" contest last week between the various shops at Hangar 1. Seen here testing the pots of chili are (I. to r.) EM1 Thomas Bell, TMCM Jesse McAllester, (both of NWC), and Edward Donohue, associate head of the NWC Aircraft Department, who acted as judges of the entries. The chili cook-off, combined with a burger burn and aircraft wash, brought in more than \$450 for the benefit of the

## are invited to a meeting that will provide DoD activities to begin use of nine-digit ZIP code in July

The U.S. Postal Service's new nine-digit ZIP Code will become an official part of Department of Defense mailing addresses starting July 1, 1984, according to the Military Postal Service Agency (MPSA).

Known as "ZIP plus 4," all DoD components must begin substituting the nine-digit code on replacement stocks of official documents, including stationery letterheads, envelopes and other printed material. "ZIP plus 4" comprises the present five-digit code plus a four digit add-on separated by a hyphen (12345-1234).

U.S. Postal Service officials say use of the nine-digit ZIP Code will speed the processing of mail to postal patrons. The codes identify the state, the area and the specific location to which mail is being sent.

The new codes are not required on nonofficial correspondence at this time, but MPSA officials suggest that personal mail service will be improved by use of "ZIP

The entire system of new codes will be phased in over the next two years.

# Promotional opportunities

(Continued from Page 2)

management policies and procedures; ability to communicate effectively both written and orally; ability to learn and utilize financial data bases; ability to deal ef fectively with all levels of personnel both on and off-

Announcement No. 31-054, Interdisciplinary (Electrical, Electronics Engineer/Computer Scientist), DP-850/855/ 1550-2, PAC No. 8431687, Code 3111 — This position is located in the A-4/AV-8B Facility Branch, Avionic Facilities Division, Aircraft Weapons Integration Department The branch develops, maintains and operates simulation Weapon System Support Facility (WSSF) in the role of echnical assistance, requirements definition, system development, weapons system interfacing, validation and Fleet support. Responsibilities for this position include design, integration and testing of microprocessor or controller based digital systems, and integration of avionics systems and sub-systems into WSSFs. Job Relevant Criteria: Knowledge of electronic design techniques and processes; ability to analyze, debug and test electronic systems; ability to communicate well both orally and in writing. Promotion potential to DP-3, but is not guaran-

ncement No. 00-010, Space Resources Manager DP-301-3, Code 02A23 - This position is located in the Deputy Support Directorate, Plant Resources Office. The incumbent is responsible for assisting departments in locating the space resources necessary to fulfill their tasks and missions. Incumbent must evaluate all space requests, proposed space transfers, and the utilization of assigned space. Incumbent must review and recommend proposed space transfers and assignments consistent with current or anticipated needs of the Center. As a member of the Facility Planning Board Screening Committee, the nbent reviews proposed minor construction, alteration, major repair and equipment installation projects. Job Relevant Criteria: Ability to exercise originality and initiative in solving facility and space assignment problems from a Center prospective; ability to interpret and

administer facility management policies and guidelines; ability to work effectively with personnel on and off-Center; ability to communicate effectively, both orally and in writing

Announcement No. 00-009, Patent Clerk(Typing), GS-303-4, PD No. 8001202, Code 012 - This position is located in the Office of Patent Counsel, Office of Naval Research The incumbent processes invention disclosures; types pa-U.S. Patent and Trademark Office actions in specialized formats, and types Navy Technical Disclosure Bulletin articles, from handwritten or dictated draft; maintains card files; prepares routine correspondence with inventors and with the Office of Naval Research; maintains docket and file records showing current status of invention disclosures and patent applications; ensures that proper markings appear on all outgoing classified material; maintains government manuals by inserting revisions as received: serves as alternate custody control point for all office classified material; and performs Plant Account Representative responsibilities Joh Relevant Criteria: Skill in typing and transcribing dictation from a dictating machine; knowledge of grammar, punctuation and spelling; familiarity with the Navy Correspondence fanual, the Government Printing Office Style Manual, security regulations, as well as knowledge of or willingness to become familiar with the U.S. Patent and Trademark Office Rules of Practice and the Navy Patent Procedures Manual; incumbent must have or be eligible for a security clearance at the Secret level.

ncement No. 31-036, General, Mechanical, Electrical, Electronics, Aerospace Engineer, Physicist, Mathematician, Computer Scientist, DP-801, 830, 850, 856, 861, 1310, 1520, 1550- 3/4, PAC No. 8431, Code 31103 - This Office, Avionic Facilities Division, Aircraft Weapons Integration Department. This office is responsible for coordinating Center technology base work for pursuit of Navy/ DoD technology funding to support embedded computer applications. Specific functions include: providing Center liaison to Navy/DoD technology base programs and rganizations, promoting the effective transfer and utilization of new computing hardware and software technology to current and future Center embedded comuter systems, and advising as appropriate the ADP Executive Council, the Director of Computing Applications. he Software Acquisition Support Office, and the Training Division. A steering committee comprised of repre sentatives from Codes 33, 35, 36, 38, and 39 aids in promoting technical interchange and technology planning among the Center's departments in disciplines relating to the development and support of mission critical systems. Job Relevant Criteria: Knowledge of embedded computer systems; knowledge of operational software development, computer architecture and support systems development; ability to deal effectively with sponsors at SYSCOM and ONR; ability to communicate with technical experts both in and outside government. If filled at DP-3 level, position has potential to the DP4 level; however, promotion is not guaranteed. Only current DP-3s and 4s may apply. Previous applicants are being considered and need not

Announcement No. 31-040, Interdisciplinary Position, Computer Scientist-1550, Electronics Engineer-855. Mathematician-1520, Physicist-1310, PAC No. 8431646, DP-1/2, Code 3144 — This position is located in the Weapons ntegration Branch, Systems Integration and Evaluation Division, Aircraft Weapons Integration Department. This incumbent is responsible for analyzing the software and firmware weapon-related systems for the AGE; providing software engineering support to assure systems are documented and functional; evaluating proposed systems modifications and preparing/providing modifications to existing systems. Job Relevant Criteria: Knowledge of programming, debugging and documenting software

programs where the software is the end product; knowledge of high order and assembly level languages (PASCAL-86); familiarity with software development practices; ability to communicate, both orally and in writing. Promotion potential to DP-3. This is a readver-

sement and previous applicants need not reapply. Announcement No. 31-050, Administrative Officer, DA-341-2/3, PAC No. 8331537, Code 31502 - This position is located in the Targeting Division, Aircraft Wea tegration Department. The incumbent provides full administrative support to the division. Responsibilities include financial management/budget analysis for project and overhead funding, contract/procurement monitoring, personnel action preparation and monitoring, facilities space coordination, and plant account/equipment management. Job Relevant Criteria: Knowledge and experience with NWC/Navy financial/budget processes and systems, procurement methods and procedures, and personnel action standards and procedures; ability to exercise originality, initiative, and judgement in administer-ing Center policies and guidelines; ability to perform administrative duties independently and interface effec-tively with all levels of personnel; ability to communicate effectively orally and in writing; knowledge of SEED

Announcement No. 35-017-84, Interdisciplinary (Electronics Engineer/Physicist), DP-855-1310-2/3, PAC No. 8435172E and 8435173E, (2 vacancies), Code 3543 — These positions are located in the Electronic Warfare Departnent, Microwave Development Division, Countermeasures Branch. The incumbents are responsi-ble for becoming technically familiar with high power microwave systems being developed under government contract. When developed, the incumbents will be responsible for integration of the hardware into the range (San Clemente Island) and will also assume technical responsibility for system modifications and upgrades. The ncumbents will be required to perform travel, interface with contractors, and primarily become a member of a technically competent project team. Job Relevant Criteria: Knowledge of radar and electronic warfare; knowledge of embedded minicomputer/microcomputer systems, ability to interface and communicate effectively with others. This is a readvertisement. Status eligibles may apply.

ent No. 36-135, Specifications Writer/ Editor, DS-1083-1, PAC No. 8436671N19, Code 3656 - This position is located in the Specifications Branch, Technical Data Division, Engineering Department. The incumbent will write, edit, maintain, and revise data, specifications and related documents used in the procurement of weapons systems developed by NWC. Job Relevant Criteria: Knowledge of weapons system design, performance, maintenance and operating characteristics; ability to write specifications and related documents: ability describe these characteristics in clear, concise technical language; knowledge of basic military documentation policies and procedures; ability to communicate effectively with technical personnel; knowledge of basic standards used in development of specifications Promotion potential to DA-3.

Announcement No. C-62-28. Electronics Technician. DT-856-A/1, PAC No. 8462548N, Code 62511 — This position is located in the Computer Operations Section, Computer Systems Branch, Computer Systems/Data Division, Range Department. The employee aids in the design and development changes to major electronic systems; assists senior technicians with maintenance and operations of complex systems such as computer plotting board equipment; assists with operations troubleshooting, and maintaining the range control systems computers. Code 62511 will transition into the Range Control Center within the next year. The incumbent will then participate in the maintenance and operation of the new RIPS computing/ display system. Job Relevant Criteria: circuitry; ability

(Continued on Page 7)

# Antenna system work basis for TD Award. . .

(Continued from Page 1)

Frisbee has been awarded patents that related to radar display techniques, a dual mode radar/altimeter development, a vertelemetry system.

active in support of the Navy in in- the University of California at Davis. telligence-related fields.

a MS degree in electronic engineering from and it was during this time that he carried Iowa State University at Ames and working for more than a year at North American model of an antenna used to test the con-Rockwell in Tulsa, Okla.

Assigned initially to the Weapons Development Department's (Code 40) Ad- ty at an NSG overseas facility. vanced Technology Branch, he worked on component development for the ERASE Department, following his JP tour. (Electromagnetic Radiation Source Elimination) Program.

Later, when Code 40 became what is now the Electronic Warfare Department, Schultz did some receiver development and component development work for the ARM (Anti-Radiation Missile) seeker.

Schultz, who has been acting head of the

Signal Exploitation Branch since January Missile Range in New Mexico. work, and antenna designs related 1983, was awarded two patents while Swedblom, a senior electronics techniprimarily to Shrike and to projects that led employed in Code 35's RF Development to the development of the Harpoon weapon Division. One is for a classified antenna development and the other is for a device 

Civil Service work force as an employee in that combines both phase shifters and

couplers in RF circuits. DeRuiter, who previously had been a well as another patent for a television force at NWC as a Junior Professional in January 1980, immediately after receiving For the past ten years, Frisbee has been a BS degree in electronic engineering from

One portion of his JP tour was spent with Schultz came here in 1967, after receiving the Signal Exploitation Branch in Code 35, out research work and designed the scale cept that subsequently proved to be the answer to the need for improved signal quali-

Although assigned initially to the Range DeRuiter returned to Code 35 when an opening occurred and has been with the Signal Exploitation Branch for more than three years.

and is currently in use at the White Sands used in surveillance.

cian, was employed here as a Philco Corp. technical representative when he joined the old Code 40 at NWC in June 1966.

Like a number of others who worked at that time in the Weapons Development tically scanned surveillance antenna, as summer co-op student, joined the work Department, his job has remained essentially the same over the years, although the department has been re-named Electronic

Swedblom was involved in missile seeker work for the advanced versions of the Shrike prior to joining the team headed by Frisbee in what started out in 1975 as the Missile Radar Branch, but is now Code 35's Signal Exploitation Branch.

Prime purpose of the developmental work he was engaged in, Swedblom said, was to conceive new ideas in the field of frequency agility missile seekers, build flyable models for test purposes, and then develop new techniques that were passed on for use by others, including contractors.

Swedblom, who has been assigned since His more recent work has included the last February to the Pulsed Power development of a missile simulator that Development Branch (Code 3545) is the employee at the snack bar, who has left the was delivered to the Army last December co-holder of a patent for an antenna system local area, is believed to have taken the

center in Bakersfield. Because the child is a military dependent, the investigation is being handled by

SALESMAN ASKED TO LEAVE A door-to-door salesman, representing

Wholesale Merchandising of San Diego, was apprehended on Thursday, May 17, by China Lake police. Notified that he was in violation of NWC regulations, the salesman complied with police instructions to leave

#### MARIJUANA POSSESSION CHARGED

China Lake police were called last Monday morning to pick up a 16-year-old youth found to be in possession of marijuana at Murray Junior High School.

#### VALUABLE RADIO STOLEN

## FIRE ALARM BOX TRIGGERED

with a fire alarm box, setting off the alarm. The incident occurred in mid-afternoon last Monday near the corner of Ticonderoga Avenue and Intrepid Road. Firemen scheduled a talk with the youngster and his

money.

ROBYN NORMAN BEEBLE NIGHTHANK