

### China Lake Players' fall production to open next weekend

The cast has been selected and rehearsals are underway for "Born Yesterday," the fall production of the China Lake Players. This comedy by Garson Kanin about corruption in government will be presented Nov. 29, 30 and Dec. 1, and on Dec. 6, 7 and 8 at the China Lake Players Hut, 405-B McIntire St.

According to Pat Schwarzbach, director of "Born Yesterday," this show is a classic. It was made famous by such well-known performers as Judy Holliday, William Holden, and Paul Douglas.

Sandee Schwarzbach has been cast in the role of Billie Dawn, a spectacularly dumb blond, while Fred Stahlman will be seen in the part of Harry Brock, the uncouth junkman who wants to control "all the junk." Joe Mallory will portray the role of an investigative reporter who uncovers Brock's plot and falls in love with Billie Dawn, and Bill Altieri has the role of a has-been lawyer who counsels Brock on all of his illegal junk deals.

Other principal characters in the play are those of the corrupt Senator and his wife (portrayed by Ralph Schwarzbach and Judy Vuono), who find that dealing with Billie Dawn and Harry Brock is more than they had bargained for.

In addition, John Clark has the part of Eddie, who is Brock's cousin and sidekick; Lee Keyser is the snooty hotel manager; and Sue Cragin will be seen as a maid in the hotel.

The production's assistant director is Natalie Stone; Ralph Schwarzbach is the technical director, and Myrna Labaw is the property mistress.

Tickets to "Born Yesterday" are priced at \$2.50 for adults and \$1.50 for senior citizens, enlisted military personnel, and students under 21 years of age. Since seating at the China Lake Players Hut is limited, it is suggested that those interested in seeing this play make reservations by calling 375-9470.

### Tickets on sale for VX-5 Christmas party scheduled Dec. 14

Tickets are now on sale from Squadron Recreation Committee members for the VX-5 Christmas party that will be held on Friday, Dec. 14, in the Enlisted Mess dining room.

A social hour starting at 6 p.m. will precede dinner that will be served from 7 to 9 o'clock. Featured on the full course menu will be entrees of steamboat round of beef, turkey and ham.

Music for dancing from 9 p.m. to 1 p.m. will be provided by Fort Forty dance band. Tickets for the VX-5 Christmas party are priced at \$4.50 for enlisted personnel, their dependents and guests, and \$7.50 each for officers, their dependents and guests.

Door prizes to be given away include a 3-day, 2-night stay in Las Vegas and on Santa Catalina Island, as well as free dinners and other gifts.

Free baby sitting service for party goers will be provided at the Child Care Center.

### Job interviewing subject of F.E.W. meeting Nov. 29

At a special meeting of Federally Employed Women (F.E.W.) to be held next Thursday, Nov. 29, Philip C. Russell, Public Affairs Officer at the Civil Engineering Laboratory, Port Hueneme, will discuss "Dynamic Job Interviewing."

The meeting will be held from 11:30 a.m. until 1 p.m. in the Sidewinder Room at the Community Center, and will be open to anyone in the local area who is interested. A donation will be accepted to cover the expenses of this special speaker.

He is the author of "Dynamic Job Interviewing for Women," which is published by the Ventura County Chapter of Federally Employed Women.



CHIEF OF THE PIRATES — "I am a pirate king" proclaims Michael Gallup, one of the featured actor-singers in the Opera A La Carte's production of "The Pirates of Penzance," a Gilbert and Sullivan operetta to be presented at the Center theater on Monday, by the Indian Wells Valley Concert Association. Curtain time is 7:30 p.m.

### IWV Concert Association to present 'Pirates of Penzance' Monday night

A fully staged production of "The Pirates of Penzance" will be presented at the Center theater on Monday evening, by the renowned Gilbert and Sullivan repertory company Opera A La Carte. Curtain time is 7:30 p.m.

The Indian Wells Valley Concert Association is pleased to be able, once again, to present the Opera A La Carte touring company. After delighting the audience last year with a performance of "H.M.S. Pinafore," it is expected that there will be a complete sell-out of seats for this year's production, Carl Helmick, Concert Association president, stated.

Although most of the seats in the Center theater have been reserved during the annual season membership drive, there are still a limited number of single admission tickets available for "Pirates of Penzance."

Priced at \$6 for general admission, or \$4 each for enlisted military personnel and all those under 21 or over 65 years of age, these tickets can be purchased in advance at the following locations in Ridgecrest: Music Man, Gift Mart, Medical Arts Pharmacy, Sports Etc., the Center Pharmacy (next to Drummond Medical Center), and at Lilly's Dress Shop.

In addition, the box office at the Center

theater will be open at 4:45 p.m. on Monday for ticket sales if there are any seats left to sell at that time.

Many of the principal artists seen in last season's presentation of "H.M.S. Pinafore" will again portray some favorite Gilbert and Sullivan characters in "Pirates of Penzance."

Richard Sheldon, the company director of Opera A La Carte, will appear as "the very model of a modern major-general," and Michael Gallup will vow to "live and die a pirate king."

The story centers around Frederic, played by Don Harrison, who was by mistake "apprenticed to a pirate" by his nursemaid Ruth, a role sung by Eugenia Hamilton. The major-general's daughter, Mabel, who falls in love with the "poor wandering one" will be played by soprano Nita Danoff, while Rush Tully, who joined Opera A La Carte this year, as the sergeant of police will complain that "a policeman's lot is not a happy one."

Two-piano accompaniment for "Pirates of Penzance" will be provided by pianists Theodore Crain and Laura Joy Vincent, and the performance will be conducted by Frank Petta, who is now in his fourth season as Opera A La Carte's music director and conductor.



SERVICE REWARDED — At a recent luncheon held by the Women's Auxiliary of the Commissioned Officers' Mess, Bob Hillyer, NWC Technical Director, presented certificates to volunteers who have worked in the Thrift Shop. Shown with their certificates are (l. to r.), Barbara Meggars, 100 hours; Cammie Gaines, a high school student who worked during the summer, 20 hours; Lou Hillyer, 200 hours; and Janet West, 200 hours. Not pictured were C. J. Cowell, who received a 20-hour certificate and a certificate as Thrift Shop Chairman; and Betty Miller, chairman from 1978-79, who earned a 100-hour certificate. Mrs. Hillyer, who has served as Thrift Shop chairman, now is Thrift Shop advisor, and Mrs. West currently serves as Thrift Shop treasurer. — Photo by Ron Allen

**MOVIES**

REGULAR STARTING TIME—7 P.M.

FRI., SAT. NOV. 23, 24  
"THE MUPPETS MOVIE"  
Starring  
Bob Hope and Paul Williams  
(Comedy, rated G, 101 min.)

SUNDAY NOV. 25  
"GOLDEN GIRL"  
Starring  
Susan Anton and James Coburn  
(Drama, rated PG, 111 min.)

MONDAY NOV. 26  
Indian Wells Valley Concert Ass'n  
Presents  
Opera A La Carte in  
"THE PIRATES OF PENZANCE"  
7:30 p.m.

WEDNESDAY NOV. 28  
"LOVE AT FIRST BITE"  
Starring  
George Hamilton and Susan Saint James  
(Comedy, rated PG, 103 min.)

FRIDAY NOV. 30  
"MIDNIGHT EXPRESS"  
Starring  
Brad Davis and Bo Hopkins  
(Drama, rated R, 121 min.)

### Investigation of blast at railroad yd. to be discussed

Jack Pakulak will discuss the Roseville Explosion and the NWC involvement with the investigation of that disaster during a lunch meeting of the Society for Technical Communication to be held on Wednesday in the Chart Room of the Commissioned Officers' Mess.

More than 400 NWC personnel contributed to the government's successful defense against a suit filed by the Southern Pacific Railroad Co. following an explosion and fire occurring on April 28, 1973, in the railroad yard at Roseville, Calif.

Pakulak and Dr. Taylor Joyner were leaders of the government team involved with the investigation.

The meeting is open to all interested persons. Lunch reservations are not necessary.



Commissioned Officers' Mess  
Tomorrow is King of Roasts' Night at the Commissioned Officers' Mess. Featured on the menu will be prime rib of beef, served from 6 to 10 p.m.

Next Tuesday is Indian Night at the COM. The menu planned to tickle the taste buds of members and guests includes beef curry and tandoori chicken, which will be served from 6 to 9 o'clock.

On Friday, Nov. 30, COM patrons are invited to enjoy a meal of chicken Kiev from 6 to 10 p.m., and then stay and dance to recorded music provided by disc-jockey Bill Coy and his Blue Jeans Disco from 8 until midnight.

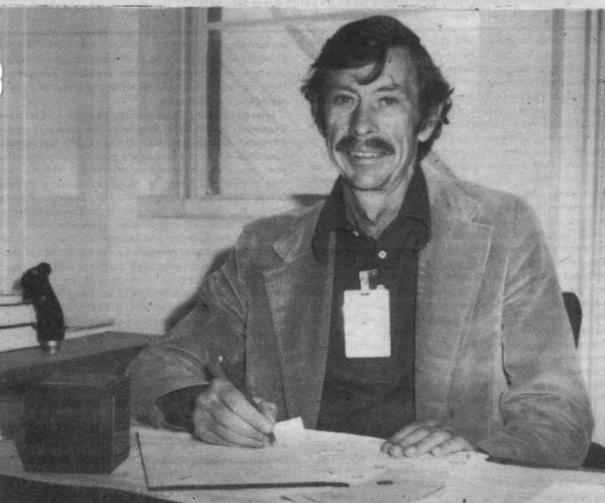
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# nwc rocketeer



RECEIVES TECHNICAL DIRECTOR AWARD — Clinton L. Spindler is the latest recipient of the NWC Technical Director's Award. Spindler was selected for this honor in recognition of the excellent manner in which he carried out a year-long executive training assignment as acting program element administrator for the Strike Warfare Program Element — a post in the Naval Material Command's headquarters in Washington, D.C. — Photo by Ron Allen

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China Lake  
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## Technical Director Award for topnotch effort in post at NAVMAT presented

An NWC Technical Director Award for outstanding performance in a managerial field was presented during the Monday morning Commander's meeting held in the Management Center of Michelson Laboratory.

Bob Hillyer, NWC Technical Director, presented the TD Award to Clinton L. Spindler, who is the technology manager for systems investigation in the Weapons Department, and also heads the Advanced Concepts Evaluation Branch in Code 39's Weapon Synthesis Division.

Spindler was commended for the excellent manner in which he handled an executive training assignment in Washington, D.C., as the acting program element administrator for the Strike Warfare Program Element.

The TD Award recipient, who was assigned to Naval Material Command (NAVMAT) Headquarters from June 1978 to June 1979, was singled out to receive this

special form of a Superior Achievement Award for his technical expertise and solid background in management principles.

According to a letter of commendation from Hillyer that accompanied the Technical Director Award, particularly noteworthy and of direct benefit to the Center was Spindler's success in efficiently minimizing the documentation requirements for the Navy's technical laboratories.

In addition to the letter of commendation from Hillyer, Spindler also received an engraved paperweight and a \$200 stipend.

Spindler was nominated for the TD Award by W. B. Porter, head of the NWC Weapons Department, who called attention to the broad span of responsibilities that Spindler was able to assume because of his knowledge and understanding of technical management principles, and the Navy's air-launched weapons program.

20 Years at China Lake

Spindler, who has a bachelor's and master's degree in mechanical engineering from the University of Nebraska, joined the work force at China Lake as a summer student in 1959. A short time later he was hired as a fulltime employee.

The way in which he carried out his executive training assignment came to the attention of Rear Admiral James L. Lewis, Assistant Deputy Chief of Naval Material, who wrote (in part) as follows:

"His (Spindler's) performance did great credit not only to himself, but to the Center as well. Although this was a training assignment, Mr. Spindler came well grounded in the elements of scientific management and with an excellent knowledge and understanding of the Navy's air-launched weapon program.

Assignments Well Executed

"Because of this background, he (Spindler) was immediately assigned significant program responsibility, and his assignments were executed superbly, with a minimum of review and supervision."

Administering the Strike Warfare Weaponry Program Element, it was further noted by RADM. Lewis, presented Spindler

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## Airplane crash claims lives of two VX-5 officers

An airplane crash at 2:30 p.m. Wednesday claimed the lives of two members of Air Test and Evaluation Squadron Five (VX-5).

Location of the fatal accident was the Army's Ft. Irwin Military Reservation, approximately 20 miles north of Barstow. The aircraft, a TA-7 Corsair II, was on a routine training and evaluation flight.

Killed when their single engine, two-seat light attack aircraft plunged to earth were LCDr. Peter L. Leum, 37, pilot of the ill-fated jet fighter, and Ens. Steven D. Herning 23, a student naval aviator awaiting training. The latter was a special crew observer on the flight.

LCdr. Leum, a bachelor, is survived by his mother, Mrs. Lillian Leum of Media, Pa. Ens. Herning, son of the late Col. Charles A. Herning, leaves his mother, Mrs. Marguerite Herning, who resides in Las

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## Public meeting on AICUZ Program scheduled Mon. night at Burroughs High lecture center

A public meeting for the purpose of providing information on the Naval Weapons Center's Air Installation Compatible Use Zone (AICUZ) Program will be held on Monday, starting at 7 p.m., in the Burroughs High School lecture center.

This past spring, the first public presentation on AICUZ was given during a meeting of the Kern County Planning Commission in Bakersfield. Monday night's meeting will be the second effort to provide information on AICUZ to the general public.

Opening remarks by Capt. William B. Haff, NWC Commander, will get this public information meeting underway, and he will be followed to the microphone by Capt. Jon Ives, NWC Public Works Officer, who, as moderator, will introduce the speakers on the program.

Two Principal Speakers

William Hattabaugh, head of the NWC Test and Evaluation Directorate, will discuss the Center's range operations, and Tom Dodson, NWC Environmental Protection Officer, will present a summary of the AICUZ study.

R. Dixon Speas Associates, an internationally known aviation consulting firm with offices in Los Angeles and across the United States, conducted the AICUZ study from 1976 to 1978. The study was performed under supervision of the Western Division, Naval Facilities Engineering Command (NAVFAC), located in San Bruno, Calif.

The AICUZ is an area within which aircraft operations can affect certain types of land uses. For this reason, land use controls of some form are desirable within the AICUZ to encourage land uses that are compatible with aircraft operations.

Purpose of AICUZ Study

The purpose of the AICUZ study prepared by R. Dixon Speas Associates is to define the area of potential conflicts on a factual basis and to use this information to ensure that development in high noise exposure areas is compatible. In addition, it is the intent of the AICUZ plan to minimize public exposure to potential safety hazards associated with aircraft operations, and to

protect the operational capability of the air-station — in this case Armitage Airfield and the test ranges at NWC.

The total land area encompassed within the Naval Weapons Center AICUZ is 62,580

acres. Of this total, 38,340 acres are located within the boundaries of NWC and 24,340 acres are located in Kern and San Bernardino Counties and the City of Ridgecrest.

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FOR NAVY NEWS

**P.A. LINE**

X 2345

A new command internal information program, aimed at informing all Naval Weapons Center military personnel, civilian employees and their dependents of significant and interesting events within the Navy in general and China Lake in particular, will go into effect here on Monday.

The internal information program is called "P-A LINE" and will be produced by the NWC Public Affairs Office.

"P-A LINE" is actually a telephone recording which will contain several news and general information items, according to Capt. William B. Haff, NWC Commander.

Members of the NWC community can telephone "P-A LINE" at any time when the program begins by dialing 939-2345 (or NWC Ext. 2345).

The purpose of "P-A LINE," according to Capt. Haff, is to keep all members of the NWC community informed in a timely and rapid manner of all plans, policies and actions underway or under consideration. By the rapid dissemination of this information, Capt. Haff continued, the quality of Navy life for all personnel should be enhanced.

Each recorded news message will last about one minute. It is expected that each message will carry three to four separate announcements, Capt. Haff continued.

News announcements will be changed twice a week: on Monday afternoon and again on Thursday afternoon to update Navy and Center news.

On special occasions the NWC Commander or Technical Director, for example, will communicate their thoughts directly through "P-A LINE." Generally, however, "P-A LINE" news and information will be announced by staff members of the Public Affairs Office.

The first "P-A LINE" message will be from Capt. Haff. It will be carried on Monday.

The new internal information program will complement the NWC weekly newspaper, THE ROCKETEER, the NWC Announcements and the NWC military plan-of-the-day.



PROFITS SHARED — Thrift Shop profits this fall were split between two good causes: the Combined Federal Campaign, and the Navy Relief Society. In the upper picture Cdr. Gordon Carlburg and Dr. Ed Royce, co-chairmen of the CFC, happily accept a check for \$1,500 from Gunilla Giegerich, a Thrift Shop volunteer; with the addition of this amount, the total donated in the CFC drive so far has risen to \$123,762. In the lower picture, Janet West, (l.) Thrift Shop treasurer, gives another \$1,500 check to Deanna Allee, who is chairman of volunteer women for the local branch of the Navy Relief Society.

### Construction work to begin Monday on added traffic lanes at main gate

Starting Monday morning, construction will begin to widen the main gate entrance of NWC; this construction work is expected to take about six weeks and will lead to improved traffic flow and safer driving conditions when the job is completed. On completion, three lanes of traffic can flow both in and out of the main gate simultaneously, and a bicycle lane will help cyclists to enter more safely. The third exit lane will be extended and connect to Inyokern Road, and the third entrance lane will provide a left turn lane for Armitage Airfield traffic. Halsey Ave. will be widened to permit two inbound lanes of traffic as far east as Bullard St. A new connection between Halsey Ave. and Sandquist Rd. will permit smoother

flow of automotive traffic in and out of Armitage Airfield, and the range areas. While all the traffic will flow more smoothly when the construction work is completed, the cooperation of all those who use the main gate will be appreciated during the time the work is in progress. Those who are able to use the south gate without great inconvenience are asked to do so. The main gate will not be closed at any time, but there may be some short delays while graders or trucks back across the road. All efforts will be made to permit maximum traffic flow between 6:30 and 8 a.m., 11:30 a.m. to 12:45 p.m., and from 4 to 5 in the afternoon.

### Promotional opportunities

Unless otherwise specified in the ad, applications for positions listed in this column will be accepted from current NWC employees and should be filed with the person named in the ad. All others desiring employment with the Naval Weapons Center may contact the Employment-Wage and Classification Division, Code 092, Ext. 2069. Ads will run for one week and will close at 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ad. Employees whose work history has not been brought up to date within the last six months are encouraged to file a Form 171 or 172 in their personnel jacket. Information concerning the Merit Promotion Program and the evaluation methods used in these promotional opportunities may be obtained from your Personnel Management Advisor (Code 096 or 097). Advertising positions in the Promotional Opportunities column does not preclude the use of alternate recruiting sources in filling these positions. As part of the rating process, a supervisory appraisal will be sent to the current supervisor and the most recent previous supervisor of those applicants rated as basically qualified. The Naval Weapons Center is an equal opportunity employer and selection shall be made without discrimination for any nonmerit reason. The minimum qualification requirements for all GS positions are defined in CSC Handbook X-118, while those for all WG, WL and WS positions are defined in CSC Handbook X-118C.

**Automotive Mechanic, WG-5823-10, JD No. 172-1, Code 267** — Temporary, not to exceed one year. The purpose of this advertisement is to establish a register to fill temporary (not to exceed one year) Automotive Mechanic vacancies. Maximum time in an appointment of this type will be 12 months in any 24 month period. NWC will accept applications from reinstatement eligibles, individuals currently on Civil Service Register, and individuals not on registers who have skills necessary to qualify for this position. This position is located in the Transportation Division, Public Works Department. The incumbent maintains, repairs, overhauls and modifies such automotive types of equipment as sedans, pick-up trucks, trailers, aircraft support equipment and/or various other small types of equipment powered by a gasoline engine or an electric storage battery, such as Materials Handling Equipment. Large gasoline-powered trucks and buses are included. **Job Relevant Criteria:** Ability to do the work of the position without more than normal supervision; knowledge of equipment assembly, installation, repairs, etc.; technical practices and troubleshooting; ability to use hand tools, engine equipment, power tools, auxiliary machines, accessories, and equipment; ability to use measuring tools, mechanical gages, instruments, diagnostic, and test equipment; ability to read and interpret blueprints, instructions, specifications, etc. Previous applicants need not re-apply.

**Electrician, WG-2815-10, JB No. 457, Code 2421** — Temporary, not to exceed one year. The purpose of this advertisement is to establish a register to fill temporary (not to exceed one year) electrician vacancies. Maximum time in an appointment of this type will be 12 months in any 24 month period. NWC will accept applications from reinstatement eligibles, individuals currently on Civil Service Register, and individuals not on registers who have skills necessary to qualify for this position. This position is in the Maintenance Utilities Division of the Public Works Department. The incumbent plans proposed installations from blueprints, sketches and specifications, cuts pipes to size, threads, assemblies and lays out building framework and pulls wire through conduit. Lays out, assembles, installs, and tests electrical fixtures, apparatus, control equipment, and wiring used in the alarm, radio communication, light, and power systems of buildings. Splices wires, cables, and auxiliary equipment, replaces defective wiring, overhauls and repairs motors; performs non-scientific electronics work of experimental nature, maintains and repairs electrical and electronic equipment in building plant. **Job Relevant Criteria:** Ability to do the work of the position without more than normal supervision; use of electrical test equipment; knowledge of electrical theory; electrical drawings; hand and power tools; safety and dexterity; technical practices.

File applications for the above with Kate Clark, Bldg. 34, Rm. 204, Ph. 2695.

**Aerospace Engineer, GS-861 9/11/12, Mechanical Engineer, GS-839 9/11/12, PD No. 794037E, Code 6412** — This position is located in the Product Support Branch of the Parachute Systems Department. The incumbent performs maintenance engineering functions on parachute and other aerodynamic stabilization and deceleration systems. The incumbent performs technical investigations into equipment failure/deficiencies reported during service use and takes corrective action required to improve system maintainability and reliability. **Job Relevant Criteria:** Knowledge of integrated logistics support concepts; the ability to communicate effectively both orally and in writing; the ability to organize assignments in such a way that essential features of problems are readily identified and resolved; knowledge of maintenance policies and procedures; ability to work effectively with all levels of personnel.

File applications for the above with Bonnie Owens, Bldg. 34, Rm. 204, Ph. 2577.

**Mail and File Clerk, GS-306 3/4, PD No. 790844, Code 0622** — This position is in the Mail, Files and Records Branch, Employment-Wage and Classification Division, Finance and Management. Incumbent will work in the central mail unit of the Naval Weapons Center and is concerned primarily with the processing of registered mail. Duties include processing incoming and outgoing registered mail and assisting in maintaining records for all secret material on Center. **Job Relevant Criteria:** Ability to index and file; ability to work independently; ability to work effectively with others.

**Budget Clerk, GS-501-4, PD No. 770844, Code 0832** — This position is located in the Budget Division of the Office of Finance and Management. The incumbent will provide fiscal clerical support to the Branch or any of the Department's offices. Incumbent assists in preparing overhead budgets and reports; monitors expenses on customer job order numbers; prepares journal entries; assists in processing travel orders and material requisition actions. **Job Relevant Criteria:** Demonstrated ability to meet deadlines under pressure; ability to work rapidly and accurately; ability to work with figures; and knowledge of accounting or budget clerical procedures. Promotion potential to GS-5.

File applications for the above with Terry George, Bldg. 34, Rm. 208, Ph. 3118.

**Secretary (Typing), GS-318-4/5, PD No. 7712002, Code 12** — (2 vacancies) This position is located in the Weapons Planning Group and reports to the Program Director for R&D Planning. Major duties include receiving visitors, telephone calls and mail; typing official correspondence, travel orders, security clearances and itineraries; scheduling conferences and meetings; and maintaining supervisor's calendar and files. **Job Relevant Criteria:** Must be proficient typist; must have thorough knowledge of Center clerical procedures; must be able to deal with a wide variety of clerical and administrative procedures. Previous applicants need not re-apply.

**Secretary (Typing), GS-318-4, PD No. 793988N, Code 3908** — This position is located in the Sparrow Program Office, Weapons Department. The incumbent provides clerical assistance to the Sparrow Program Office staff. Duties will consist of: receiving and screening visitors and incoming phone calls; receiving, opening, and screening mail; typing official letters, memorandums and reports; maintaining office files;

performing timekeeping duties, etc. **Job Relevant Criteria:** Ability to get along with others in the work group; ability to meet deadlines under pressure; knowledge of Navy correspondence and local filing procedures. Previous applicants need not re-apply.

**Interdisciplinary Supervisory Position — Electronics Engineer, Mechanical Engineer, Aerospace Engineer, Physicist, GS-855, 839, 841, 1310-1475, PD No. 793990E, Code 3908** — This is a temporary position not to exceed one year, may lead to a permanent assignment. This position is that of Sparrow Program Manager, Sparrow Program Office, Weapons Department. The Sparrow Program Office is responsible for the technical management, planning, direction, coordination and supervision of all aspects of the Sparrow and Seasparrow Weapon Systems ever which the Naval Weapons Center has technical and/or management cognizance. The program office is responsible for configuration management of the Sparrow missile, product improvements to the missile and the production schedules of the AIM-7F and the design evaluation and development schedule of the AIM/RIM-7A. Specific duties of the incumbent are to supervise the Program Office, act as the "common point" between NAVAIR and NAVSEA to ensure maximum commonality between the air launched and surface launched version of the AIM/RIM-7M while optimizing performance of each in its own environment, make technical decisions which may affect not only NAVAIR and NAVSEA but the Air Force and some foreign countries in terms of configuration management of the Sparrow Missile, ensure a quality product from both missile contractors, manage and control Sparrow finances, review and approve technical workload plans, assign/monitor projects to Program Office managers. **Job Relevant Criteria:** Experience in coordination/negotiation with other NAVWP/NCEN organization, Navy Activities, DoD agencies and contractors for the purpose of defining technical and management objectives and controlling/reporting progress; experience and training in the development and system acquisition of missile systems; experience in production and production processes demonstrated ability to supervise technical management personnel; knowledge of air launched and surface launched weapon systems; willingness to travel extensively.

**Interdisciplinary Position (Aerospace Engineer, Mathematician, Physicist), GS-861, 1520, 1310-12, PD No. 7939121E, Code 3915** — This position is located in the Air to Surface Branch, which provides simulation and analysis support for the design, development and testing of A-5 missile systems. This branch is currently responsible for the development of the real-time hardware in the loop simulation capability of the HARPOON Simulation Laboratory facility at NWC. The incumbent's primary duties and responsibilities will be associated with the design, fabrication, and installation of both the hardware and software sub systems associated with this laboratory. Secondary duties include operation and utilization of currently existing simulation software in support of the HARPOON Improvement Program and the HARPOON Production Program. **Job Relevant Criteria:** Thorough familiarity with sophisticated digital six degree of freedom missile simulation language programming; mathematical modeling; working command of higher language and assembly language programming; knowledge of hardware software interfacing.

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### DIVINE SERVICES

**PROTESTANT**  
Sunday Worship Service 1000  
Sunday School—All Ages 0830  
Sunday School Classes are held in Chapel Annex 1, 2, 4. (Dorms 5, 6, 8) located opposite the former Center Restaurant.  
Communion Service first Sunday of the Month.

**ECUMENICAL**  
Wednesday Noon Bible Study 1130  
Thursday Men's Prayer Breakfast 0630

**ROMAN CATHOLIC MASS**  
Sunday 0830-1130  
Nursery, Chapel Annex 1 0815-1245  
Daily except Saturday, 1135, Blessed Sacrament Chapel

**CONFESSIONS**  
Daily 1115 to 1130  
Sunday 0800 to 0825

**RELIGIOUS EDUCATION CLASSES**  
Sunday Pre-school thru 11th grade 10  
Above classes are held in the Chapel Annexes across from the former Center Restaurant.  
Sunday afternoon 12th grade 1630  
As announced "In Home" Discussion Groups and Youth Rallies  
Contact Chaplain's Office for specifics.

**JEWISH SERVICES**  
**EASTWING—ALL FAITH CHAPEL**  
Sabbath Services every Friday 1930  
**UNITARIANS**  
**CHAPEL ANNEX 95**  
Sunday Services—(Sept. May) 1930

### Burros defeat AV. . .

(Continued from Page 7)

Starting from their own 20, the Burros soon had the ball with a first down on the Antelopes' 5. Two cracks at the line by Mike Waters picked up 14 yds. and a first down at the BHS 34 before Drake hit split end Mark Urseth with a pass that moved the ball to midfield.

This set the stage for a trick halfback pass play with Waters, who was on the receiving end of a pitchout from Quarterback Drake, throwing a long pass downfield. The receiver Danny Drake caught the ball in the clear, but stumbled and fell at the AV 5 yd. line.

The whooping and hollering from the Burros fans had barely subsided before a fumble once again turned the ball over to AV — this time on the visitors' 5 yd. line with a minute, 10 sec. left to play in the half.

#### Burros Take Slim Lead

The ball then bounced the other way for a change and Rudd pounced on an AV fumble at the Lopes 21 yd. line. McDowell sprinted 11 yds. to the 9 and a pass from Drake to Dominguez for a touchdown gave Bell a chance to boot the PAT that resulted in a 7-6 halftime lead for the Burros.

Both teams battled on even terms through a scoreless third period, and the final 12 min. of action began with the Burros in possession of the ball with a third down on their own 48. A pass (Drake to Dominguez) gained 12 yds. and first down on the AV 40, and two blasts through the line by Waters gobbled up 15 yds. and a first down at the Lopes 25.

Danny Drake kept the drive going with a 11 yd. pickup to the 14, and a leaping catch by Waters of a pass from Quarterback Drake put the ball on the AV 5 yd. line. A hand-off that was fumbled and recovered cost the Burros 4 yds. back to the 9, but Drake then rifled his second scoring pass of the night to Dominguez in the end zone. The PAT on a kick by Jon Wheeler boosted the Burros' lead to 14-6.

#### Bell Recovers Fumble

Bell, who kicked off to Antelope Valley, was the first BHS player downfield and recovered a fumble by the Antelopes, who coughed up the ball at their own 26.

Drake advanced the ball 18 yds. to the 8 yd. line on a quarterback keeper, but the AV defense held and the ball was teed up for a fourth down field goal try, which Bell booted from the 15. The kick was good (covering a distance of 25 yds. in all) to make the score 17-6 in favor of Burroughs.

With 6½ min. left to play in the game, the Antelopes showed just how quickly they, too, could score by cashing in two plays later on an 84-yd. pass and run play.

J. J. Akin, reserve quarterback who replaced Jeff Cozy, the starter, when the latter was injured in the final minutes of the first half, whipped a long pass to Darrend Duhart, an end, and the Lopes were back in the game, but trailing, 17-12, after a try for 2 points on a pass play after the touchdown failed.

#### Time Ally for Burros

Time was now the ally of the Burros, and they used up 3½ of the 5 min. still left to play in the game before relinquishing control of the ball at the AV 39 when a fourth-down pass fell incomplete.

Going to the air on every play, AV Quarterback Akin completed a fourth down pass to Duhart for a first down at midfield. Next, a costly 15 yd. penalty on third down gave added life to the visitors, as well as a first down on the BHS 35 with just 40 sec. remaining to play in the game.

Phil Merritt, an end, caught a sideline pass and went out of bounds on the BHS 23, but that was as far as the Antelopes were able to get before Dave Cordle, defensive back for Burroughs, intercepted a fourth down pass inside the BHS 10 yd. line seconds before the final gun sounded to end what was an exciting, hard-fought game.

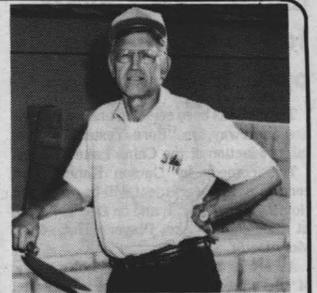
#### Energy conservation tip

Keep oven doors completely closed until the food is cooked. Each opening of the door causes the oven temperature to drop from 25 to 50 degrees.

## employee in the spotlight

"The smart buyer concept is to do own development then let industry produce the product. . ."

Edwin Allen



By Ernest R. Sutton  
"I took one look at China Lake when I arrived here late one afternoon in October 1946 and decided that this was the entrance to hell," Edwin Allen, a supervisory mechanical engineer in the Sensors and Platforms Branch of the Weapons Department, said. "I asked the bus driver when he was going back. I didn't want him to leave me behind. The sky was overcast and the wind was blowing up a sand storm," Allen recalled.

The employment office was closing down for the day but an official there talked Allen into staying overnight. "You are here so why don't you stay for an interview tomorrow morning," he said.

Allen stayed and, except for a brief period of about two weeks, has worked at the Naval Weapons Center, then the Naval Ordnance Test Station, ever since.

Allen's first job at NOTS was as a machinist. About a year later he advanced to tool and die maker in the old Rockets and Explosives Department, Code 45.

#### Works as Tool, Die Maker

Before coming to work at China Lake, Allen had been a tool and die maker in private industry during World War II. After graduating with honors from McKinley High School in St. Louis, Mo., in January 1941 he went to work as an apprentice tool and die maker for the Bush Sulzer Diesel Engine Co. in St. Louis. The company had converted to wartime industry and was involved with fabricating 5-in. powder and shell hoists for Navy ships.

In June 1945, he decided that he wanted to get closer to the war effort and took a job at the Mare Island Naval Shipyard in Vallejo, Calif. It lasted two months before the war ended. Allen then moved to Long Beach and in the course of a year had worked for six private companies.

"They were all contractors for the Navy but the work was short term. I decided that I wanted something that was more steady and that's why I hopped a bus one day and rode to China Lake," Allen said.

After about four years in the Rocket and Explosives Department, doing one-of-a-kind experimental work on rocket motors such as "Mighty Mouse," Allen transferred to the Special Devices Shop in Michelson Laboratory, as a tool and die maker.

#### Wife Unhappy With Climate

By this time, he said he had gotten to like the desert but his wife, Cathy, still did not like the climate here. In 1953, Allen terminated and took a position with General Dynamics in Pomona. The company was working on a Navy contract involving the Terrier missile.

"The boss told me that I would have to spend 30 days on graveyard before I could be transferred to the day shift," Allen said. "But, after working there several days I found about 20 men who had been told the same thing. They had been working graveyard for over 18 months."

Allen said his wife saw the light and they came back to China Lake. Luckily, he got his same job back and also the house they had vacated just weeks earlier. "But I did lose my permanent status in Civil Service and had to work a whole year before I got it back," he added.

About this time Allen said he began examining his goals in life and decided he needed more education. In 1955 he began taking night courses on Center taught by instructors from the Bakersfield Junior College. By 1958, Allen had 80 units of credit in scientific courses, including 17 units of calculus, 13 units in chemistry and the balance in mechanics and fluid dynamics. He then cracked the Junior Scientist and Engineer equivalency test and because of this was considered to be a college graduate.

In the meantime, Allen had transferred in 1957 to the Sidewinder Division which was the forerunner of his present

branch, the Sensors and Platforms Branch. Based on the test he took in 1958, Allen was promoted to mechanical engineer in 1960. Since then, he has been the project engineer for the seeker section of five different models of the Sidewinder — the AIM-9D, AIM-9G, AIM-9H, AIM-9L, and AIM-9M.

"We developed the first forward looking infrared TV for the Navy. At the time, everyone said that it couldn't be done but we did it. By the time we had a working model all of the doubting Thomases came around to our way of thinking. Shortly there were 12 competitive sets but we were ahead of everyone else," Allen stated.

Because of instances in his career such as this, Allen is a firm believer that government as the end user should never contract out the development phase of a product.

"Government should do the development and then turn over the product to industry for production, then go back and invent something else. When you contract out development, there goes your know-how. The smart buyer concept is to do your own development, then let industry produce it," Allen insists.

On one other occasion Allen almost left China Lake for a job with private industry. In 1963, Philco decided to hire him at a 50 percent jump in salary and he almost took it. He would have but the Station Commander at the time offered him a promotion to GS-13 plus some other benefits that had become available for scientists and engineers. "This was really the turning point in my career," he said.

#### Decides To Stay After 18 Years Here

"Eighteen years after we first arrived here, my family and I finally decided we were going to stay; so we moved off Center and bought our first home in Ridgecrest in 1964," Allen said.

Allen's chief function is centered around marrying theoretical optics to a piece of hardware that will do the job.

In accomplishing his work, he has been very proficient, earning about 12 outstanding performance awards and two quality salary increases over the years he has been at China Lake. He is also the co-holder of two patents related to the wide angle laser seeker and has one patent pending in connection with the Sidewinder missile. Off-Center Allen became involved in Little League in 1972 and has managed a team every year since then. During 1977-78, he served as vice president of the senior league for 13-15 year olds. He is a firm believer that it is not important for Little Leaguers to win games. Instead, all members of a team should have the chance to participate no matter how inexperienced they are. "My team generally plays .500 ball, which I figure is pretty good," Allen said.

In addition to his Little League activities, he is presently serving as treasurer of the Sierra Sands Action Group for Education (SAGE). Last year, he was the vice president of SAGE. **Learns To Do Block Masonry Work**

While he doesn't consider himself an expert, Allen taught himself how to do block masonry work and is presently involved in putting up a block wall around his second home in the Deeter tract in Ridgecrest. "I found that I like to work with blocks; I put up more than was necessary, I am sure," he laughed.

Allen and his wife are the parents of five children, all raised in Indian Wells Valley; however, only Timmy, 16, a sophomore at Burroughs High School, is still home. The rest of his children, just as he wanted to do when he first came here, have moved away from Ridgecrest.

Retirement from Civil Service is just a few years away for Allen. He claims for the past 15 years he and his wife have been happy here, but he hasn't decided yet on future plans when there won't be a job to tie him to the desert. Will he stay then or will he move? Allen says even he doesn't know yet.

## Promotional opportunities

(Continued from Page 5)

Harpoon weapon system as assigned by the Program Manager. This includes coordination of project teams made up of engineers, technicians, branch heads, and section heads. This incumbent will be responsible for the effective and efficient resolution of production problems. The constant improvement of the system by use of newly developed devices, and cost reduction through value engineering. The incumbent maintains a close liaison with contractors. NAVAIR/NSCOM, and many military facilities such as the Pacific Missile Test Center, Point Mugu; Naval Ordnance Laboratories; Naval Ammunition Depots and Naval Weapon Stations. It will be his responsibility to assist in coordinating the efforts of all groups participating in the project and to take any action required to resolve problems that would delay or otherwise compromise effective progress. **Job Relevant Criteria:** Knowledge of project management theories, techniques, and application; ability to manage personnel with various

technical backgrounds; knowledge of design and operation of radar systems, guidance sections, seeker subsystems, and ordnance systems in general; ability to effectively communicate both orally and in writing; knowledge of production engineering and design improvement factors to the weapon system for improved performance, life span, and production costs.

**Electronic Engineer, GS-855-11/12, PD No. 7555027/76309, Code 3631** — This position is located in the Guidance Branch, Product Design Division, Engineering Department. The incumbent will be assigned to the RF seeker production support on the Harpoon missile guidance section. Duties will include: development of requirements, component and subassembly design, installation and evaluation of the RF portion of the Harpoon Lab. Additional requirements are production support of the RF portion of the Harpoon guidance system, interface with the Program Office, other government activities and contractors. Moderate travel will be required. **Job Relevant Criteria:** Knowledge of microwave theory and design

techniques in waveguide, coax and stripline; ability to perform design work on receivers, high power pulsed transmitters, and/or programmable RF sources used for guidance section test. Promotion potential to GS-12.

File applications for the above with Marge Stanton, Bldg. 34, Rm. 206, Ph. 2925.

**Electromechanical Equipment Mechanic, NA-5875-66, PD No. 7455122, Golf Course, Permanent full-time, \$4.20 ph. plus benefits — Promotion potential to NA-08.** This is not a Civil Service position. Incumbent does the full range of repairs on electrical golf carts; charges and maintains batteries; keeps inventory of parts used; may repair other golf equipment. **Qualification Requirements:** Must have one year experience in a work related field; be able to use electrical test equipment and hand tools; must be able to obtain a government driver's license. This is a merit promotion position for current nonappropriated fund employees only.

Apply for the above position with Cheryl Hartley, Special Services, Code 089, Ph. 3387.

### The Rocketeer

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## VX-5 leads Captain's Cup race following flag football win

VX-5 has moved into first place in the Captain's Cup athletic standings, following victories over teams representing NWC Gold and Blue during recent flag football competition.

Led by Dave Stein, team captain and quarterback, the VX-5 Vampires shut out NWC Gold 18-0 in the first of three Captain's Cup games.

During the first half of the game between VX-5 and NWC Gold, Stein tallied on a 45-yd. run and also on a short 5-yd. sprint into the end zone.

Leading 12-0, the Vampires also scored again in the final minute of the game on a pass from Stein to Barry Adams, wide receiver. The pass and run for the touchdown covered 40 yds.

In game No. 2 for the Captain's Cup flag football title, NWC Gold edged NWC Blue by a score of 8-6.

In this contest, NWC Gold was trailing 6-0 with just 17 sec. left to play in the game when a pass interception by Bart Holbert put the Gold team in good scoring position. Holbert passed for a touchdown to Rudy Looney and then ran the ball over for 2 extra points after the touchdown to win the game.

All of the scoring came in the second half of the VX-5 vs. NWC Blue flag football game, which was played on Thursday night, Nov. 15, at Schoeffel Field.

The Vampires' first touchdown was set up by a run of nearly 70 yds. by tailback Kevin Bauer to the NWC Blue 3-yd. line, and Daniel Paxton, the quarterback, carried it over from there. Next, a pass from Paxton to Barry Adams was good for the PAT and a 7-0 lead.

NWC Blue tied the score at 7-7 on a touchdown by Jerry Ghera, who tallied on a 30-yd. pass play to make the score 7-6. A pass that was complete in the end zone accounted for the PAT.

A 50-yd. kickoff return by Bauer got the Vampires rolling toward their second and winning touchdown in the game against NWC Blue. Adams, who was switched to quarterback, connected with halfback Richard Muoio on a screen pass that ate up additional yardage, and Adams was then able to score the go-ahead touchdown on a run from inside the NWC Blue 10-yd. line. The PAT was good on a pass from Adams to Muoio to make the final score 14-7 in favor of VX-5.

## MDISL flag football competition held; NWC places fourth

A Naval Weapons Center flag football team, led by Gary Fecteau as player-coach, took part last Friday and Saturday in the Mojave Desert Inter-Service League (MDISL) competition held at Norton Air Force Base in San Bernardino.

The China Lakers won their first game by a score of 12-2 over the team from Edwards Air Force Base, but were then shut out 14-0 by the host Norton AFB team, and also lost to the George AFB squad by a score of 32-6.

The flag football team from Nellis Air Force Base in Las Vegas won this MDISL event, with second and third place honors going to the Norton and George AFB squads, respectively.

A total of eight teams were entered, and NWC finished in fourth place.

## Win over AV team gets Burros CIF playoff slot

The Burroughs High School varsity football team topped off what has been an inconsistent regular season performance by posting a rare win over the visiting Antelope Valley High School gridders from Lancaster.

The victory by a score of 17-12 earned the Burros third place in the Golden League and entry in the CIF playoff competition. Equally sweet was the BHS sophomore team's come-from-behind 15-8 win over their counterparts from Antelope Valley in a preliminary contest.

Three times in the first half pass in-

ceptions and a fumble halted good scoring opportunities for the Burros. Just before the end of the second quarter, however, an exchange of fumbles gave the BHS varsity gridders one more chance to tally and they cashed in on it by hitting paydirt on a 20 yd. pass from Richi Drake to Tim Dominguez in the end zone.

The extra point on a kick by Greg Bell enabled the Burros to go into the locker room with a 7-6 halftime advantage.

A good return of the game-opening kickoff by Leotis McDowell got the Burros off to a fine start from their own 44 yd. line. Mc-

Dowell got the call on the first play from scrimmage and sprinted 10 yds. around right end for a first down on the AV 46.

Moments later Drake passed to Jeff Rudd for a first down on the Antelopes 20, and Rudd then bulled through the line to the 14 before a 15 yd. penalty and a loss on an attempted pass play moved the Burros back to the AV 41.

Next Bruce Hill, a defensive back for the Antelopes, picked off a pass thrown by Drake at the AV 18 and returned it 20 yds. to the AV 38. Getting their hands on the ball for the first time, the Antelopes put together a mixture of running and passing that enabled them to drive 62 yds. for a touchdown.

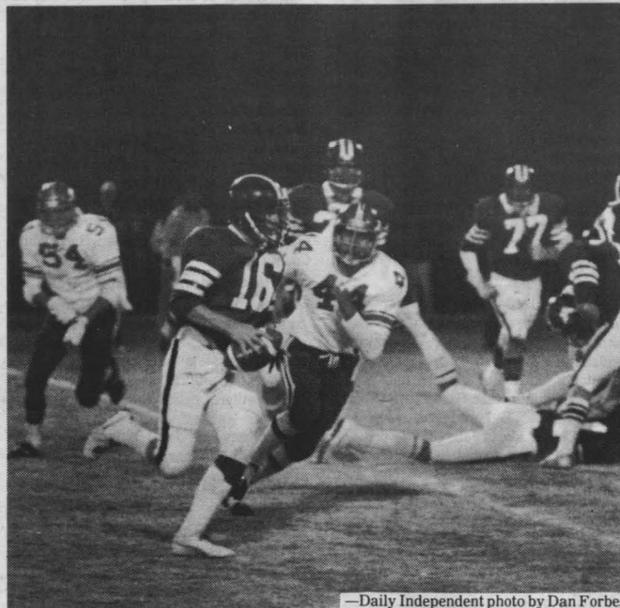
Crucial plays in this drive were a 17 yd. run by Jeff Cozy, the AV quarterback, who was stopped at the Burros' 33. Cozy immediately passed 17 yds. to Phill Merritt, an end, for a first down on the BHS 16.

Kirk McMillan, the Antelopes' elusive tailback, squirmed for 11 yds. and a first

It's on to the first round of CIF football playoff competition tonight for the Burroughs High School varsity football team.

The Burros have been matched against the powerful La Canada High School gridders, champions of the Rio Hondo League, in a game that will be played at La Canada (near Pasadena).

Kick-off time is 7:30 p.m. for this CIF-SS Northwestern Conference football playoff tilt.



KEEP 'EM GUESSING — Richi Drake (No. 16), quarterback for the Burroughs High School varsity football team, is hotly pursued on this run-pass option play during last Friday night's Golden League finale against the Antelope Valley High School squad from Lancaster. Closing in on Drake is Tim Andrade of the Antelopes. The Burros won the game by a score of 17-12 — a victory that garnered them third place in the Golden League and made them eligible to compete tonight in the first round of the CIF playoffs.

—Daily Independent photo by Dan Forbes

down at the 5, before plunging over from the 3 yd. line. The try for the PAT on a kick was wide to the right, and the visitors had a 6-0 lead with 2½ min. left to play in the first quarter.

McDowell returned the ensuing kickoff nearly 60 yds. to the AV 28 yd. line, but once again Hill popped up to intercept a pass — this time on the AV 5 yd. line — to avert another scoring threat by Burroughs.

Midway through the second period, the Burros turned the ball over to the 'Lopes on a fumble at BHS 30, but the visitors were unable to take advantage of this break and booted a fourth-down punt that bounced in the Burros' end zone.

(Continued on Page 7)

## Six shutouts in nine games highlight youth soccer

Six shutout victories highlighted last Saturday's nine-game schedule of Youth Center Soccer League competition at China Lake.

Cold winds made for less-than-ideal playing conditions, but couldn't hamper the zeal for the game displayed by the players whose teams are battling for first place in each of the league's three divisions.

The Sounders and Tornados continued to set the pace in the National Division (for players in the 5th and 6th grades). The Sounders blanked the Kicks 3-0, while the Tornados put a dent in the Whitecaps' hopes for claiming a share of the division title by defeating them 3-1.

Good passing was the key to the Sounders' win over the Kicks. The Sounders broke a scoreless tie by booting home two goals in the closing minutes of the first half. Scott Hannon and Reed Stephenson tallied for the Sounders, with assists from Corey Trovinger and Garrett Osburn, respectively. The third goal in this game resulted from a misplayed ball that bounced off a defender for the Kicks and into the net.

Helped out by the wind at their backs, as well as by good passing, the Tornados tallied 3 times in the first half of their game with the Whitecaps and won by a final score of 3-1. Chris Turner (assisted by Jamie Baumgardner) scored 2 of the 3 goals for the Tornados, and Peter Hueber picked up the third goal (assisted by Turner).

Aided by the wind in the second half, the Whitecaps kept constant pressure on the Tornados' defense, but came up with just one goal that was tallied by Roger Smith from a feed by John Andres.

Four games were played last Saturday in the American Division (for 3rd and 4th

grade players), which is led by the Timbers and the Drillers. Scores were Timbers 3, Rogues 0; Drillers 2, Hurricane 0; Sting 2, Blizzard 0; and the Strikers and Lancers, 1-1 tie.

The Timbers scored early on a goal by Wayne Ziegler, but were unable to put their game against the Rogues on ice until the final minutes of the contest when Joe Lloyd and then Jason Okamoto added two more quick tallies. The Rogues nearly averted a shutout on a corner kick by Perry Martinez, but the ball slid along the front of the crossbar and didn't drop in the net. In the first half, Doug Chalmers, goalie for the Rogues, was kept busy as he stopped four shots at the goal.

David Tetmeyer, who was aided by Bobby Hudson in getting the ball into good scoring position, racked up both goals for the Drillers in their 2-0 win over the Hurricanes. A first rate job by Hurricane goalie Tony Haaland prevented the Drillers from running up a higher score, while Tod Jacobs, halfback for the Hurricanes, moved the ball well to the forwards on his team, but the attack fizzled out near the Drillers' goal.

In another 2-0 game, Craig Rindt scored twice for the Sting in their win over the Blizzard. A good pass by David Woolley to Rindt set up the second goal. Tony Woods, fullback for the Sting, was instrumental in blunting the scoring efforts by the Blizzard — a team led on offense by Eric Winter, Shaw Carter, and Jay Rusciollelli.

In the 1-1 standoff between the Lancers and Strikers of the American Division, the stalemate came about as a result of a goal scored for the Lancers by Paul Andres (assisted by Katie McCalester), and by Chris Johnson for the Strikers.

In the Pacific Division (for players in the 1st and 2nd grades), the Fury, a team that stampeded the Rowdies 6-0 last Saturday, remains in a first place tie with the Earthquakes, who scalped the Chiefs 2-0. In addition, the Sockers lost a little ground in their bid for the division title as the result of being held to a scoreless tie by the Express.

Three goals by Armando ValDevea were more than enough for the Fury to turn back the Rowdies, but icing on the cake was added in the form of two more goals by Jacob Jones and another by Peter Martinez. A stellar job as goalie was turned in by Paul Ashton for the Fury, who was able to keep the Rowdies from scoring.

Scoring honors in the Earthquakes' 2-0 win over the Chiefs were shared by Jacob Albers, who tallied on an assist from Jeremy Osburn, and Mike Owens. Both tallies came in the second half, after the Chiefs had dominated the first half of play but were unable to score.

On defense, the Earthquakes were led by Kirk Roberts and Greg McCalester, as well as by goalie Jeff Hutmacher, who made a great save to prevent a score by the Chiefs.

A fine team effort by players for the Express enabled them to hold the Sockers to a scoreless tie. Kudos for their play on offense go to Chad Bass, David Shumway and Steve Mills of the Express, while Doug Larch, Larry Zulkoski, Kevin Collie and Doug Wilson did a good job on defense for the Express.

Youth Center Soccer League teams will be idle tomorrow (because of the Thanksgiving holiday weekend), but will be back in action for the final two weeks of league play on Dec. 1.



KEEPING COZY — Loretta King, Assistant Public Affairs Officer, shows Natalie Harrison, Community Liaison Assistant, her new red "long johns." With 65 degree office temperatures mandated by Presidential directive to save energy, those whose work is sedentary are encouraged to bundle up — to wear sweaters, "woolies," and boots or warm socks to keep ankles warm if they work in an area with drafts near the floor. Anyone who works in a truly chilly area, such as a warehouse, might remember that a large part of the body's heat is dissipated through uncovered ears and adopt either ear muffs or a warm ski cap.

## K. H. Robinson, first head of TID, dies after lengthy illness

An era in Naval Weapons Center history ended Monday morning with the death of Kenneth H. Robinson in Long Beach Memorial Hospital following a lengthy illness.

A memorial service will be held Tuesday at 2 p.m., in the All Faith Chapel. H. G. Wilson, former Technical Director, will deliver the eulogy.

Robinson first came to NWC, then the Naval Ordnance Test Station, as a CalTech employee during World War II, and remained as a civil servant until his retirement in August 1971. He was a resident of Ridgecrest until his death.

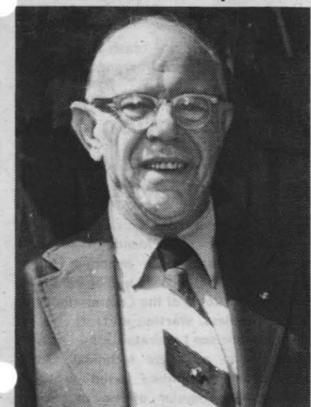
In his early days at NOTS, Robinson worked with both the Navy and the Atomic Energy Commission on Project Camel, at a time when atomic bomb components were

activities.

Robinson helped organize and incorporate the Civic Concert Association and the Desert Community Orchestra, and was a charter member of both the China Lake Rotary Club and the Indian Wells Valley Council of the Navy League.

When the Maturagon Museum began in 1961, Robinson was one of the members of the founding committee. His museum responsibilities grew; he served as director of the Museum for more than a decade. His interest in the natural history of the desert also led to his becoming active with the citizens who lobbied for state park status for Red Rock Canyon.

Perhaps the most vivid memory that many long-time residents of the area will have of Robinson, however, will be of the joy he exuded while playing his bass viol in his Dixieland Jazz Band — most recently in this year's Desert Empire Fair parade.



Kenneth H. Robinson being built at the Salt Wells Pilot Plant.

Following this, he became the first head of the Technical Information Department in 1954, and served in this position until his retirement 17 years later.

While Robinson's job performance was exemplary — it led in 1968 to his being awarded the Center's highest award, the L.T.E. Thompson Award — he was at least as well known for his many community

## 5 task teams chosen to assist with GSRA demonstration project plans

Five task teams have been appointed by Center management to assist in the detailed planning and implementation of the proposed Civil Service Reform Act demonstration project being jointly planned by NWC and the Naval Ocean Systems Center (NOSC) San Diego. These teams have been formed in order to involve employees in the development of implementation plans.

In the appointment letters sent to some 50 employees, Bob Hillyer, NWC Technical Director stated, "I believe this involvement will infuse new and constructive thoughts into the implementation process, give affected personnel a voice in the planning process, and allow individuals to be involved in developing the systems which will be used in carrying out the project."

### Task Team Work Areas

The five task teams identified for purposes of planning and implementation will work in the following areas: pay and compensation, classification standards/standard position descriptions, performance appraisal, training, and communication.

Each of these task teams is led by a senior NWC employee who will be supported by a number of team members and ad hoc subject area specialists from the Personnel Department. Specific guidelines and schedules from management will be discussed during the orientation of each team, but basic guidance provided is as follows:

### Basic Guidance

(1) Recommendations must be consistent with the Office of Personnel Management approved demonstration proposal.

(2) NWC and NOSC task teams must coordinate their efforts prior to making recommendations.

(3) It is desirable that the two Center systems be complementary, but it is not mandatory that they be identical for purposes of implementation.

(4) Recommendations must be complete, fully staffed, and supported with necessary implementation documentation.

Although the proposed schedules for forwarding of recommendations will vary for each task team, the majority of assignments will be due between the first of February and the end of March 1980. Once the recommendations have been received and reviewed by Frank Knemeyer, the project manager, the implementation plan calls for a "dry run" of the various task team products in order that the mechanics of the system can be tested and revised as necessary before the project is officially initiated.

NWC plans to initiate the Civil Service Reform Act demonstration project on June 1, 1980. The project must first pass

Congressional reviews and local public hearings prior to final approval by OPM.

Assignments to task teams were made from among volunteers from technical departments who earlier indicated a desire to work on different aspects of the demonstration project, from nominations received from the High Desert Engineering Association (hIDEA), and from Technical Planning Board (TPB) recommendations.

The TPB reviewed the proposed tasks team approach and endorsed the candidacy of the individuals assigned to teams. Hillyer then signed the appointment letters that recently were sent to task team members.

### Suggestions Welcome

Employees who would like to provide suggestions or comments to the designated task teams are encouraged to do so directly to any of the team members. For convenience in making contact, the team assignments are listed below.

**Pay Task Team** — Hugh Drake, chairman (Code 09), Bill Shaner (Code 08), Phil Arnold (Code 12), Ted Hicks (Code 32), Joe McKenzie (Code 33), Bob Lackaye (Code 35), Charlie Frederickson (Code 36), Tom Stogsdill (Code 39), and Royce Monks (Code 62).

**Classification Standards Task Team** — Marcel Martineau, chairman (Code 09), Roy Nichols, vice-chairman (Code 33), Jack Latimer (Code 12), Bill Ball (Code 31), Dennis Sorge (Code 32), Jim Irvine (Code 36), Jean Bennett (Code 38), John Mills (Code 39), Bob Rockwell (Code 62), and Cliff Stine (Code 26).

**Performance Appraisal Task Team** — Thom Boggs, chairman (Code 38), Bruce MacIntosh, vice-chairman (Code 09), Mim Cartwright (Code 12), George Moncsko (Code 31), Frank Driggers (Code 32), John Crisler (Code 33), Duane Larimer (Code 35), Bill Werback (Code 36), Curt Bryan (Code 32), and Len LeBow (Code 62).

**Training Task Team** — Clara Erickson, chairman (Code 09), Jack Murray, vice-chairman (Code 09), Earl Towson (Code 12), Ruth O'Neil (Code 31), Peggy Chun (Code 32), Jim McVay (Code 33), Phil Sprankle (Code 35), Don Featherston (Code 36), Charlotte Lowema (Code 38), Pat Mercado (Code 39), and John Matsue (Code 64).

**Communication Task Team** — Dave Livingston, chairman (Code 39), Marco Monsalve, vice-chairman (Code 09), Linda Roush (Code 12), Dan Allen (Code 31), Ray Van Aken (Code 32), Pat Yates (Code 33), Larry Zabel (Code 34), Dean Bare (Code 35), Parker Miller (Code 36), Don Moore (Code 38), and John Crossley (Code 64).

## 40-yr. Fed'l service pin presented to Center employee

A 40-year Federal length of Service award was presented Monday morning to Harold G. Winter, an electronics technician in the Instrumentation-Avionics Branch of the Aircraft Department's Aircraft Support Division.

Presentation of the 40-year certificate and pin was made by Capt. William B. Haff, NWC Commander, during the Commander's meeting. Among those present for the occasion were Capt. J. E. Doolittle, head of the Aircraft Department, Cdr. M. J. McCarthy, the award recipient's division head; and his wife, Agnes.

Winter's 40 years of Federal service began when he enlisted in the Army Air Corps in August 1939. He remained on active duty in the Air Force until he retired as a senior master sergeant in July 1962.

In October 1962, the 40-year pin recipient continued his Federal service career as a civilian employee of the Aviation Ordnance Department at the Naval Weapons Center (then the U.S. Naval Ordnance Test Station), and has remained here for the past 17 years.



40 YEAR PIN PRESENTED — Capt. W. B. Haff, NWC Commander, watches as Mrs. Agnes Hunter affixes a 40-year Federal service pin to the lapel of her husband's coat. Harold Winter, the honoree, was advised that he's reached the top as far as length of service pin awards go in the Federal government.



**SERVICE RECOGNIZED** — NWC personnel who have served with the Navy Science Assistance Program (NSAP) since its inception in 1970 recently received certificates and letters of commendation from the Director of Navy Laboratories. Present to receive the awards were (l.-r.), in the front row, Len Gulick (the Center's NSAP coordinator), Paul Amundson, Ray Miller,

Gerald Schiefer, and Frederick Davis. In the back row (l.-r.) are Robert Young, Frank St. George, Theodore Bailey, Roger Fisher, Guenter Winkler, Tommy Nickell, Richard Murphy, Jack Russell, Duane Williams, and David Livingston. Unable to be present for the picture were Edwin Swann, Frank Buffum, Donald Ruff, and Anthony Rue (who has retired).

## Centerites commended for assistance to NSAP

Naval Weapons Center personnel who have served with the Navy Science Assistance Program (NSAP) since it was established in 1970 recently received certificates and letters of commendation from the Director of Navy Laboratories, Dr. James Probus. The letters and certificates were presented by Burrell W. Hays, NWC Deputy Technical Director.

### Survey of interest in 'postal alert' system underway

Local area residents who are over 60 years of age and live alone are invited to participate in a "postal alert" system. Participants will receive stickers to put on their mailboxes, which will alert mail carriers to their over-60-living-alone status. Then if mail accumulates in a tagged box, the carrier can begin an inquiry. Ridgecrest Postmaster Eli Moreno, wishes to assess the interest and need for such a service in the Indian Wells Valley, so that he can get the required authorization for it from Bakersfield.

Persons who wish to have a "postal alert" sticker, or know of someone who needs one, should call the Senior Information and Referral Office at Cerro Coso Community College (375-5001, ext. 44) on week days between 8 a.m. and 1 p.m. Names and addresses that are collected will be forwarded to Postmaster Moreno.

### Reminder: return incorrect W-2 address cards

Along with their paychecks today, civilian employees of the Naval Weapons Center received an address card containing information that will be used for the mailing of 1979 W-2 forms (withholding tax statements).

If the address listed is correct, employees need take no action. However, if the address is not correct, Centerites are asked to write clearly or type in the correction in the space provided on the card, which is to be returned to the Payroll Office (Code 08641) no later than Dec. 1.

This is necessary in order to insure that each employee's W-2 form is mailed to his or her correct address. Any employees who move during December or January should file a change of address notice with the Post Office so that their W-2 form will be forwarded to them.

laboratory personnel to operational commands. Senior technical personnel are stationed on-site with operational Fleet headquarters to aid in defining and describing technical RDT&E problems to the laboratories so that solutions may quickly be developed.

NWC personnel have served with the Sixth Fleet, Seventh Fleet, CINCLANT Fleet, Operational Test and Evaluation Force, Military Assistance Group in Korea, Military Assistance Group in Taiwan, and the Third Fleet.

On-site assistance by NWC personnel has resulted in several Fleet feasibility demonstration projects such as an ocean deployable radar reflective target and scoring system developed by Code 3924 and a radar video recorder (developed by Code 3544). These devices have been enthusiastically evaluated by both Sixth and Seventh Fleet.

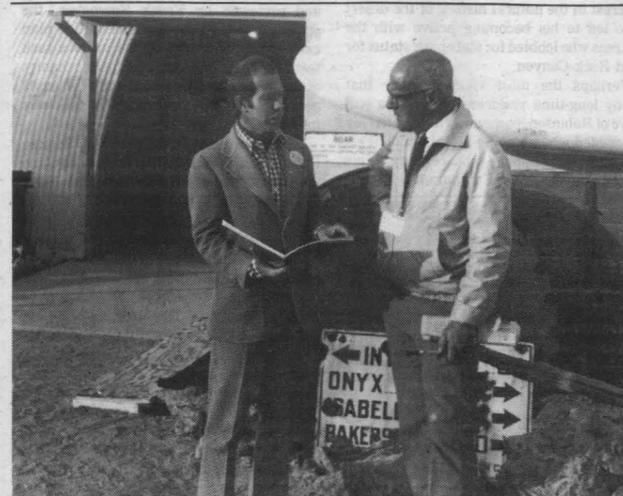
Marine Corps air wings that deploy to the Marine Corps Air Station Yuma, Ariz., for weapons training requested aid through NSAP to develop a safer laser training device that will permit pilots to acquire a

laser-designated target and conduct both simulated and real laser-guided homing tactics. Such a device is now being developed by Code 3924.

Recruitment for the 1981 NSAP field team will begin in January. At that time positions to be filled will be advertised in The ROCKETEER, and the list of candidates selected locally will be forwarded to operational commands for selection.

Currently four NWC personnel are serving as NSAP advisors with operational commands. Max Smith is in San Diego with Commander, Naval Surface Forces Pacific. Robert Bonner is the West Coast representative for the Marine Corps Education and Development Center, located at Camp Pendleton. Dave Newport is the anti-air warfare/electronic warfare laboratory representative with the Commander, Seventh Fleet in Yokosuka, Japan, and Joe DiPasquale is with the Commander, Task Force Sixty in Italy.

Further information about NSAP and recruitment for positions can be obtained by telephoning Len Gulick, the Center's NSAP Coordinator, at NWC ext. 3793.



**MUSEUM OFFICIALS CONFER** — Bob Tuck (at left), director of the Maturango Museum, shows Geoff Bottomley around the local museum just prior to the British visitor's departure for Tucson, Ariz., to continue his task of overseeing the restoration of a World War II B-29 bomber that is destined for the Imperial War Museum at Duxford Airfield near Cambridge, England. Bottomley, who is the Imperial War Museum's chief engineer on the B-29 restoration project, expressed his appreciation to Centerites for the interest shown, the active support provided, and the personal effort evident during his protracted stay — all of which was culminated last Friday by the old aircraft's takeoff from Armitage Airfield for Tucson, where the final task of preparing it for its trans-Atlantic flight to England will be completed. The Imperial War Museum illustrates and records all aspects of two world wars and other military operations involving Great Britain and the British Commonwealth since 1914. — Photo by Sam Wyatt

## Congress confirms choice of Hidalgo as Secretary of Navy

Edward Hidalgo was confirmed recently as the 64th Secretary of the Navy. His nomination as civilian head of the Navy and Marine Corps was approved by the Senate Armed Services Committee and confirmed in a voice vote by the full Senate.

Hidalgo, who has served as Assistant Secretary of the Navy for Manpower, Reserve Affairs and Logistics since April 25, 1977, is expected to be sworn in as Secretary of the Navy in ceremonies at the Pentagon shortly.

Secretary Hidalgo, a native of Mexico City, Mexico, has been a U.S. citizen since early childhood. He has served the Navy in several direct and related capacities including World War II duty as an air combat intelligence officer aboard the aircraft carrier USS Enterprise (CV 6). Hidalgo later served on the Eberstadt Committee which reported to the Secretary of the Navy on the proposed unification of the services in 1945.

From 1945 to 1946, he served as special assistant to Secretary of the Navy James Forrestal. Hidalgo again served the Navy from 1965 to 1966 as Special Assistant to Secretary of the Navy Paul H. Nitze.

He has extensive private experience as an attorney, having served as a law clerk to the Second Court of Appeals, and has previous experience as an associate and partner of several international law firms.

The prospective Secretary of the Navy has served in other government positions as well. He was a member of the U.S. delegation to the Inter-American Conference in Bogota, Columbia, in 1948; served as Special Assistant for Economic Affairs to the Director of the U.S. Information Agency, and, in 1973, he became general counsel and Congressional liaison of that agency.

Secretary Hidalgo was graduated from Holy Cross College with a bachelor of arts degree, magna cum laude in 1933; from the Columbia Law School with a Doctor of Law degree in 1936; and from the University of Mexico with a civil law degree in 1959.

He is married to the former Karen Dane Jernstedt, has four children, and resides in Washington, D.C.

## Airplane crash . . .

(Continued from Page 1)  
Vegas, Nev.  
Ens. Herning was graduated this past May from the U.S. Naval Academy at Annapolis, and reported for duty with VX-5 in October. Today would have been his 23rd birthday.

Cause of the airplane crash is under investigation, and funeral arrangements for the victims are pending.

## Presentation of Michelson Lab Awards set Dec. 3

The Michelson Laboratories Awards will be presented on Monday, Dec. 3, during a luncheon in honor of the recipients. The luncheon will be held in the Mojave Room of the Commissioned Officers' Mess, starting at 11:30 a.m. The Michelson Laboratories Award is designed to recognize technical and professional excellence based on an individual's singular efforts in performance of duties which are outstanding in nature and serve to further the mission of the Naval Weapons Center. This award, established in 1966, is complementary to the Center's highest local award — the L. T. E. Thompson Award.

Reservations for the awards luncheon may be made by calling NWC Ext. 2634 before 12:30 p.m. next Friday, Nov. 30.



**WINGS EARNED** — PRC R. J. Hudson congratulates PR2 Marshall Hager on earning the wings of a test parachutist. PR2 Hager is the first sailor stationed with the Parachute Systems Department to complete his full jump training at the Naval Weapons Center.

## Milestone marked — 1st 100 test jumps logged by Parachute Systems Dept

The Parachute Systems Department has passed its first milestone since moving from El Centro to China Lake, and is well on its way to achieving its second milestone.

The first 100 test jumps have been made at the Naval Weapons Center ranges, and jump No. 200 will occur shortly.

A different sort of milestone occurred at the time of local drop No. 101, during which PR2 Marshall Hager qualified as a test parachutist. He is the first person to complete the test parachute syllabus at China Lake.

A minimum number of 18 drops with a variety of types of parachutes and under a variety of jump conditions is required to complete the program. Hager was able to accomplish the full program in 19 jumps.

The course includes a drop with each of several types of parachute, a change of location of the ripcord, varying delays before the ripcord is pulled, high and low

billets available for another six. Parachutists are drawn from the Fleet and from the pool of aircrew survival specialists.

A total of 42,617 jumps were made at the Naval Parachute Test Center, El Centro, from November 1947 until the move was made to China Lake in June 1979. As proof of the concern for safety and good engineering of test equipment, there were only two fatalities during that entire time, with no deaths occurring since 1959.

Parachutists always pack their own parachutes, and carry a reserve chute. Engineers who wish a system tested inform the jumpers what they want tested and under what conditions the test should occur. The parachutists are then permitted to use their own discretion about the actual drop.

## Promotional opportunities . . .

(Continued from Page 2)

Understanding of control theory, propulsion systems, aerodynamics, and autopilots; capability of conducting post flight test analysis and willingness to travel extensively.

**Secretary (Typing)**, GS-318-3/4, PD No. 7929088N, Code 3917 — This position is located in the Weapons Effectiveness Branch, Weapons Synthesis Division, Weapons Department. The incumbent acts as receptionist, screening visitors and incoming telephone calls for the Branch; provides clerical and typing support for Branch personnel; maintains files; makes travel arrangements; performs timekeeping duties; procures supplies, equipment, repair and maintenance services, etc., through appropriate channels; performs other miscellaneous clerical/administrative duties as assigned. Job Relevant Criteria: Ability to type accurately and efficiently; ability to get along with others in the work group; ability to meet deadlines under pressure; knowledge of Navy correspondence and local filing procedures. Mag Card experience preferred.

**Electronics Engineer**, GS-855-9/11, PD No. 7929115, Code 3954 — This position is in the Monopulse Design and Evaluation Branch, RF Division, Weapons Department. The incumbent provides design, development, and analysis support for branch efforts in missile guidance system development. Job Relevant Criteria: Knowledge of stripline techniques, electro-magnetic theory, and computer applications; experience in digital circuitry, computer-controlled analog processes, and analog processing; ability to communicate technical information.

**Electronics Engineer**, GS-855-12, PD No. 7929116, Code 3956 — This position is in the Monopulse Design & Evaluation Branch, RF Division, Weapons Department. The incumbent provides support in the areas of missile guidance engineering design, systems analysis and review, project planning/scheduling, and liaison with other R&D groups and contractors. Job Relevant Criteria: Experience in circuit design and analysis and in production engineering of the electronic portions of missile guidance systems; working knowledge of methods used to obtain and verify electronic systems reliability; negotiation and presentation skills.

File applications for the above with Kitty Berry, Bldg. 34, Rm. 206, Ph. 2722.

**Safety Specialist**, GS-818-9, PD No. 7924019, Code 245 — This position is located in the Explosives and Laboratory Safety Division of the Safety & Security Department. Incumbent is responsible for conducting surveys and investigations to prevent and control accidents. Incumbent also conducts classes in traffic safety and safety education. Job Relevant Criteria: Knowledge of occupational health, chemistry, or physical science; ability to work effectively with individuals and groups in promotion of safety programs; ability to communicate effectively both orally and in writing; ability to understand, appreciate, and visualize accident hazards in an RDT&E environment. Promotion potential to GS-11.

File applications for the above with Janet Thomas, Bldg. 34, Rm. 204, Ph. 2577.

**Mechanical Engineering Technician**, GS-802-7/9/10/11, PD No. 7926069, Code 2634 — (One vacancy). If selection is

## AICUZ meeting set Monday . . .

(Continued from Page 1)

During the preparation of the AICUZ study, a technical review committee that included representatives from each of these local jurisdictions provided input to the study. Also a proposed land acquisition program has been prepared and submitted via the Navy chain of command for authorization and funding by the Congress.

A very important step in the AICUZ Program is informing the public, with the objective of developing interest and support for implementation.

According to Dodson, the local AICUZ boundaries are based on location of NWC's aircraft activities, and vary substantially in their location south of the NWC boundary. In the Baker and Charlie range corridor, the AICUZ boundary extends as much as 8 miles south of Inyokern Rd., just west of the Jacks Ranch Rd.

The G range approach corridor portion and landing pattern for Armitage Field also are included in the AICUZ. In this sector, the primary AICUZ area extends 4 miles south of the NWC boundary along the easterly side of the Kern-San Bernardino County line.

**AICUZ Identifies Sensitive Areas**

Implementation of the AICUZ involves a combined strategy of actions that primarily rely on joint cooperation between the Navy and the local community. The strategy consists of public awareness through presentations, establishment of planning controls in affected areas through cooperation with local planning agencies and, if all other measures fail, an acquisition program in those areas most severely impacted.

Acquisition is the last alternative in the AICUZ Program and even in those locations where it has been defined as the best alternative, the Navy does not necessarily have to acquire ownership of the land. Instead restrictive use easements can be purchased from land owners in order to head off incompatible land use.

For example, Dodson explained, the Kerr-McGee Chemical Corp. owns a sizable area of land near Jacks Ranch Rd. where water wells that are the source of potable water for the firm's operations in Trona are located. Through a land exchange or purchase agreement, the Navy might well obtain the development rights for this area, while the Kerr-McGee Corp. retained ownership of the land and the right to continue pumping out water.

However, prior to the time that a land acquisition program is approved by Congress, the Navy does not have any authority to make any commitments or enter into any agreements in connection with the AICUZ Program.

**Funds Requested**

The present MILCON Project requests funds to acquire fee title or restrictive easements to approximately 2,300 acres located under the Center's Baker, Charlie and George Range approach corridors. The land identified for acquisition is designated as severely or highly restricted by the AICUZ study, and acquisition could be accomplished by outright purchase or by exchange of federal land. The MILCON Project is scheduled for funding in Fiscal Year 1981.

In determining the location for future facilities of its own, NWC will have to follow the same AICUZ restraints that residents and property owners of land adjoining the Naval Weapons Center are being asked to meet.

AICUZ is a planning document and, as such, it defines general areas where the Center's aircraft operations have an impact on the Indian Wells Valley. As a planning document, the specific data are not as important as the planning implications drawn from them, Dodson noted.

**AICUZ Strategy Outlined**

For instance, he pointed out, the amount of aircraft activity changes from year to year, just as zoning, general plans and actual land use vary over a period of time in a city or unincorporated area. The important aspect of AICUZ as a planning document is the identification of sensitive areas where aircraft operations will continue to have an impact.

"The fact that activities in these sensitive areas may change with time doesn't invalidate the sensitivity of the area," Dodson emphasized. "Although AICUZ is not designed to address a 'worst case' scenario, the protection of aircraft operational flexibility in locations where impacts are likely to occur is the primary function of AICUZ," he added.

The most sensitive areas must be defined so that the operational capabilities of Armitage Airfield and range approach corridors and their essential part in the mission of the Naval Weapons Center can be protected in the long run, Dodson concluded.

## TD Award . . .

(Continued from Page 1)

with a number of challenges unique in the Navy's Exploratory Development Program.

The challenges referred to by RADM. Lewis relate to the fact that, because of the broad range of the Navy's weapons interests, the program element administered by Spindler involved several Systems Commands, Centers and Offices — all competing for resources and support. Additionally, the Strike Warfare Program Element is closely associated with the weaponry technology programs of other branches of the Armed Forces and has, because of its size, attracted much interest and attention over the years on the part of Congress.

In closing, RADM. Lewis wrote: "His (Spindler's) accomplishments were many. On the Congressional front he succeeded in satisfying their concerns." As a result, for the first time in a number of years, the program (at the time the letter of appreciation was written by RADM. Lewis) had been accepted without modification.

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