

### Annual Toys for Tots drive now under way here

Sparked by the NWC Marine Corps Liaison Office and the High Desert Detachment of the Marine Corps League, the annual Christmas season Toys for Tots drive is once again in full swing.

Highlight of the 1975 collection effort will be a country-western music program and dance that is scheduled on Sunday, Dec. 7, starting at 7:30 p.m. in Joshua Hall on the Desert Empire Fairgrounds in Ridgecrest.

Among the headline performers at this event will be Red Simpson, a recording artist with Capitol Records, entertainer and song writer, who is well known for his TV appearances on the Buck Owens and "Grand Ole Opry" shows. In addition, he appeared in Hawaii's Honolulu Stadium, Carnegie Hall, the Hollywood Palladium and at several Las Vegas clubs including the Golden Nugget. Simpson has also gone on tour with Merle Haggard and Jerry Lee Lewis.

#### Other Guest Entertainers

Other guest entertainers at the country-western concert and dance will be Kay Austin, Big Billy Smith, Howdy Glenn and Oscar Wittington and his band. Larry Scott, a Los Angeles country-western disc jockey, will emcee the show.

The Toys for Tots drive, which began last Monday, is to provide toys for the underprivileged children of Indian Wells Valley. Dropoff points for the toys this year are the China Lake, Ridgecrest, and Inyokern fire stations, the Daily Independent newspaper office in Ridgecrest, the Veterans' Administration office at Cerro Coso Community College and Hobo Joe's Restaurant in Ridgecrest.

#### Only Usable Toys Wanted

Toys left at any of the drop-off points should be only slightly used and in fair operating condition, according to Tom Flynn, Commandant of the High Desert Detachment of the Marine Corps League. Some repair work will be done by the firemen at the China Lake fire station, Flynn said.

Admission to the concert and dance will be by the donation of either a new, unwrapped toy or a donation of \$5 per person.

Marine Gunnery Sgt. John Evans, one of the chief organizers of the Toys for Tots drive, said that the Marines will pick up any toys to be donated if a person is unable to get to any of the drop-off points.

For additional information about the Toys for Tots drive, or to arrange for the Marines to pick up any donations, call Jeri Short at ext. 3716 or 3717.



SHOW-STOPPING NUMBER — First nighters who attend this evening's initial performance of "A Funny Thing Happened on the Way to the Forum" are expected to enjoy such musical comedy numbers as "Everybody Ought to Have a Maid." Four members of the cast, shown rehearsing this selection, are (from left) Leo Freis, John Hanne, Eduardo Romero and Fred Stahlman.

## Curtain goes up tonight on 'Funny Thing Happened on Way to Forum'

"A Funny Thing Happened on the Way to the Forum," the Community Light Opera and Theatre Association's final production of the year, will open a five-performance engagement tonight at the Burroughs High School Lecture Center.

Curtain time is 8:15 for this evening's show, as well as for additional performances that will be presented tomorrow night and on Thursday, Friday and Saturday, Dec. 4, 5 and 6.

Alan Kubik, the director, has assembled an experienced and talented cast for this hilarious musical comedy that combines the zany nonsense of vaudeville with the illogicalities of Latin humor.

#### Leading Role

Eduardo Romero heads the cast in the role of Pseudolus, the pompous character created by Zero Mostel on Broadway. Romero is well-known to local theater-goers for his participation both on and off the stage. In 1974, he directed CLOTA's "Ring Round the Moon."

Fred Stahlman and Joyce Maltby add to the fun as the married couple, Senex and Domina. Stahlman has starred in numerous shows, most recently in the China Lake

Players' "Never Too Late," and CLOTA's "Diary of Anne Frank."

Mrs. Maltby, a newcomer to the Indian Wells Valley, brings a wealth of experience to community theater. She has appeared in more than 30 stage productions in Hawaii, in addition to two appearances on TV's "Hawaii Five-O."

The romance will come from Tom Lehman and Cheryl Bruce, as the young couple Hero and Philia. Lehman was active in high school drama, winning the Burroughs High Thespian Award in 1974-75. Miss Bruce has been seen locally in the Players' production of "Lovers and Other Strangers" and in CLOTA's "Jesus Christ Superstar."

The slave, Hysterium, is played by John Hanne, who was seen in Kubik's last CLOTA show, "Star Spangled Girl." Alex Bellen, who portrayed Tevye in "Fiddler on the Roof," and the part of John Adams in "1776," is the warrior Miles Gloriosus.

#### Others in Cast

Other cast members include Leo Freis, as Lycus, and Chuck Wilcox, as the old man, Erronius. Marjorie Freis, Judy Vuono, Karen Buehler, Mykle Loftus and Kathy Larsen will portray courtesans. The proteans are Diderot Ausseresses, Martin Dorrell, Dave Craddock and Greg O'Guin. Tickets for the show are priced at \$2.50 for general admission and \$1.50 for students under 21 and senior citizens. Seats for a group of ten or more can be reserved by calling Eleanor Lotee, at 446-4324. Tickets can be purchased in advance at the Station Pharmacy, Medical Arts Pharmacy, and the Gift Mart, and also will be on sale at the box office prior to each performance.

## Astronomical Society to present NASA film Mon.

A new film obtained from the National Aeronautics and Space Administration will be shown at the next meeting of the China Lake Astronomical Society.

The meeting, which is open to all interested persons, will be held on Monday, starting at 7:30 p.m. at the group's clubhouse, 401-McIntire St., China Lake.

Actor E. G. Marshall acts as host for the film, "Four Rooms — Earth View," which is the story of the three Skylab missions, the nine astronauts involved, and their days spent in America's first manned laboratory in space.

The annual election of officers who will direct the activities of the China Lake Astronomical Society during 1976 also will be held at Monday night's meeting.

## SHOWBOAT

### MOVIE RATINGS

The objective of the ratings is to inform parents about the suitability of movie content for viewing by their children.

(G) - ALL AGES ADMITTED

General Audiences

(PG) - ALL AGES ADMITTED

Parental Guidance Suggested

(R) - RESTRICTED

Under 17 requires accompanying Parent or Adult Guardian

CS - Cinemascope

STD - Standard Movie Screen

Regular starting time—7:30 p.m.

Matinee—1 p.m.

FRI. 28 NOV.

"PAUL AND MICHELLE" (104 Min.)

Anicee Alvina, Sean Barry (Drama) In this sequel to "Friends," a study of underage lovers, Paul seeks Michele, the love he had been forcibly separated from and the mother of his child. (R)

SAT. 29 NOV.

"THE PROUD AND DAMNED" (97 Min.)

Chuck Connors, Aron Kincaid (Western) Four young Texans and their ex-sergeant, Will (Connors) have wandered throughout Latin America as hired guns for several years after dropping out of the American Civil War. They stumble upon a vicious military dictator, who offers them a choice: execution or their services. They elect the latter. (PG)

SUN. 30 NOV.

"ONCE IS NOT ENOUGH" (121 Min.)

Kirk Douglas, Alexis Smith (Drama) Producer Kirk Douglas marries millionaire Alexis Smith in order to lavish money on his daughter (Deborah Raffin). The daughter is spellbound by the charms of her father, and no prospective suitor can engage her interest. Ms. Smith has a secret of her own. She is carrying on a love affair with Melina Mercouri, which isn't uncovered until a plane crash kills both Douglas and Smith. As a result, Ms. Raffin is left fatherless and alone in New York City. (R)

MON. 1 DEC.

"THE ALL AMERICAN BOY" (119 Min.)

Jon Voight, E. J. Peaker (Drama) The portrait of a self-centered young man who strives to become a boxer. Just when he has women, trophies and a town at his feet, he walks out on everyone. (R)

TUE. 2 DEC.

"NIGHT MOVES" (100 Min.)

Gene Hackman, Jennifer Warren (Mystery Drama) Harry Mosby (Gene Hackman), an ex-pro-football player turned private detective, spends his working hours doing run-of-the-mill tasks found at the bottom of the detective agency ladder. That is, until he is called in to find a beautiful teenage runaway, daughter of an ex-actress who is willing to pay a great deal of money to find a girl who has a long history of trouble. In tracking down the missing girl, he uncovers a smuggling conspiracy. (R)

WED. 3 DEC.

"ARNOLD" (95 Min.)

Stella Stevens, Roddy McDowall (Horror Comedy) A series of murders ensues when several relatives and "friends" contest a wealthy man's will. (PG)

THURS. 4 DEC.

"SHARK'S TREASURE" (95 Min.)

Cornel Wilde, Yaphet Kotto (Adventure) Four men embark on a mission to bring hidden treasure up from the bottom of the ocean. When the site of the treasure is found the waters there are teeming with sharks. On two occasions the sharks nearly devour the men. Using harpoons, the men are able to kill most of the sharks and scare off the rest. (PG)

FRI. 5 DEC.

"MURDER ON THE ORIENT EXPRESS" (128 Min.)

Albert Finney, Lauren Bacall (Mystery Drama) A mysterious murder aboard the famous Orient Express, enroute from Istanbul to Calais, is expertly solved by the renowned Belgian detective, M. Hercule Poirot. (PG)

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From: \_\_\_\_\_ PLACE STAMP HERE  
To: \_\_\_\_\_

# nwc rocketeer

Naval Weapons Center  
China Lake  
California

Vol. XXX, No. 47

Nov. 28, 1975

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## Town Meeting at college draws 200 residents

More than 200 local area residents took the time this past Saturday to support the Bicentennial Town Meeting held at Cerro Coso Community College, the twofold purpose of which was to size up the immediate and future needs of the Indian Wells Valley and surrounding areas, and then arrive at some proposed short and long-range solutions to them.

The underlying intent of the Town Meeting was outlined during the opening general session at which Bob Vance, a member of the Institute of Cultural Affairs from San Francisco, spoke, and a welcome was extended by the Rev. William Charlton, chairman of the community forum.

This was a prelude to separate workshops in which the participants set about striving to reach a consensus on the major economic, political and cultural challenges facing this general area.

#### Economic Challenges Cited

Those who focused their attention on the economic aspects of the Town Meeting's agenda listed some of the following challenges:

- (1) The need to maintain a balanced community through controlled expansion and by making the most effective use of the natural and human resources that exist in order to best serve the purpose for which the community exists.
- (2) The need to widen the growth of the economic base in this isolated area.
- (3) Improve economic opportunities by increasing the industrial base and thus attract support activities that will utilize the existing labor force and thereby reduce unemployment.
- (4) Develop public transportation

(Continued on Page 5)



MICHELSON LABORATORIES AWARDS PRESENTED — Admiral R. G. Freeman III (at left), NWC Commander, and Dr. G. L. Hollingsworth, Technical Director (on right) are l.-r. Crill Maples, Frank G. Buffum, Jr., Cdr. James R. Darwin and Gerald O. Miller. Many friends and co-workers of the honorees were present for the award ceremony at the COM.

## Michelson Laboratories Awards received by 3 civilian employees, 1 military officer

The presentation of Michelson Laboratories Awards was the occasion for a luncheon held Monday at the Commissioned Officers' Mess. Recipients of the awards this year were Gerald O. Miller, Cdr. James R. Darwin, Crill Maples, and Frank G. Buffum, Jr.

The awards, which consist of a certificate and an engraved key, were presented jointly by Rear Admiral R. G. Freeman, III, NWC Commander, and Dr. G. L. Hollingsworth, Technical Director. This special honor is designed to recognize outstanding individual administrative and professional excellence, or technical excellence, based on singular effort in the

performance of individual duties. The Michelson Laboratories Award is complementary to the Center's highest award — the L. T. E. Thompson Award. Both the NWC Commander and the Technical Director added their personal words of commendation to those expressed on the certificates that were presented to each of the award recipients.

#### Extreme Pleasure Noted

RAdm. Freeman commented that it gave him extreme personal pleasure to be able to present such significant awards, while Dr. Hollingsworth not only echoed that sentiment but added that, in the case of Cdr. Darwin, this presentation signified once again the close working relationship between military and civilian personnel that is so essential at NWC.

Miller received this award for his excellent leadership and management abilities, especially as evidenced by the in-depth study he helped to conduct as chairman of the HARPOON Technical

Review Team. His significant findings provided the stimulus to pursue a viable cost reduction program which benefits the Navy. Miller's management and leadership abilities, displayed in an environment packed with deadlines, short schedules, and excessive pressure, brought credit and recognition from the Chief of Naval Operations and the Commander, Naval Air Systems Command, for Miller as well as the Naval Weapons Center.

This past October, Miller was appointed associate head of the Weapons Department. Upon graduation from the University of Missouri in 1958, where he received a bachelor of science degree in electrical engineering, Miller came to work at China Lake. He began his career as an electronics engineer (under the Professional Development Program for Junior Scientists the Engineers) in what was then called the Range Design and Development Branch of the Test Department.

(Continued on Page 3)

## Public hearings set on school district long-range master plan

A public hearing on a proposed long-range master plan for all local schools will be held Wednesday, Dec. 3, starting at 7:30 p.m., in the Murray School cafeteria. Similar hearings also are scheduled on Monday evening at the James Monroe School and on Tuesday night at Inyokern School.

The proposed master plan has been developed by a steering committee, consisting of school district employees and community representatives, which has been working on the project for nearly a year. The group has produced a 200-page document providing background information needed to make decisions affecting Sierra Sands Unified School District's future, and also several alternative courses of action that will be considered by the Board of Education.

Enrollment Decline Projected  
A primary factor affecting the future of local schools, according to Dr. Marvin Heinsohn, assistant superintendent, is a projected decline in the number of students to be served. Although 5,908 regular

students are enrolled in local schools this fall, fewer than 5,600 students are expected to enroll in the fall of 1980, according to statistical projections.

Without the pressure of needing additional schools to serve more children, the school district can simply replace inadequate facilities and consider ways to improve and make better use of its existing buildings, Dr. Heinsohn noted. Approximately \$1,400,000 in local bond funds would be available for this purpose, along with possibly another \$724,000 in federal funds.

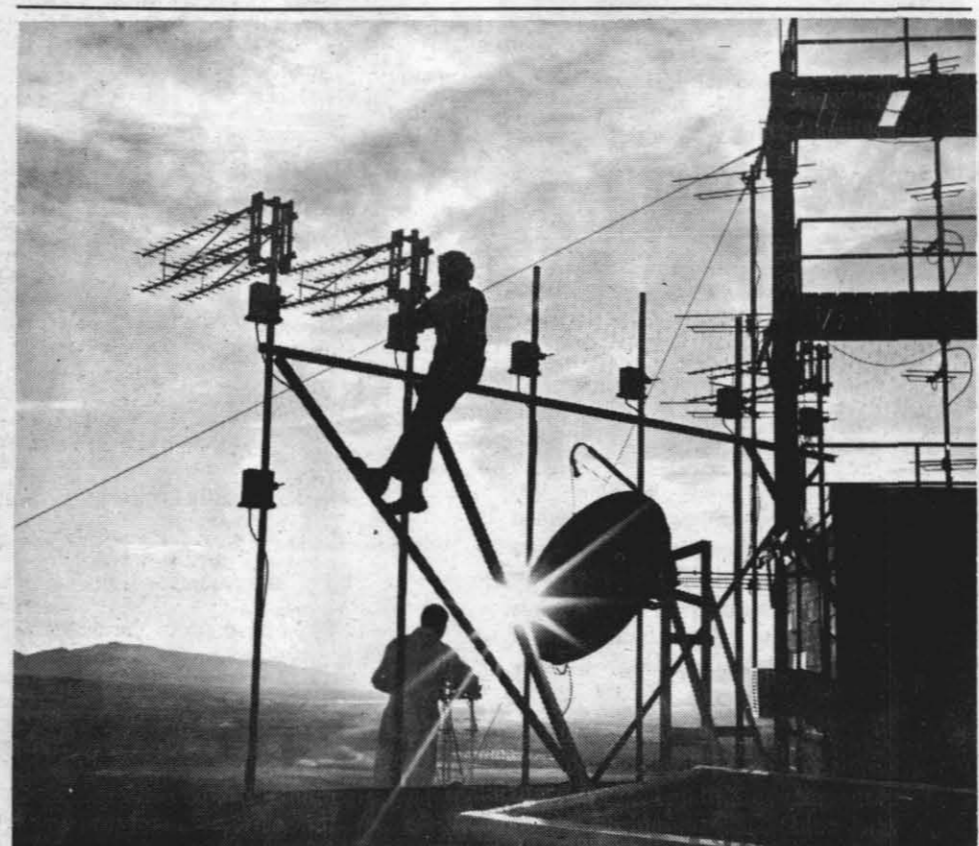
#### Three Alternatives Proposed

Three alternatives have been proposed in the master plan document. The first, which would be the quickest and least expensive to implement, proposes construction of five classrooms, a multi-purpose room, and offices at Ridgecrest Heights School, to serve a growing population in that area whose children are presently bused to schools on the Naval Weapons Center.

(Continued on Page 3)



RECRUITING EFFORTS RECOGNIZED — Roberta Leighton holds a certificate of appreciation from the 11th Naval District that was presented to her recently in recognition of her efforts in recruiting last month at the Ontario National Speedway in Ontario, Calif., during the running of the "Super Nationals" — the world finals of drag racing. Capt. R. D. Franke (l.), NWC's Deputy Commander, made the presentation, while NCC R. A. Belcher, U. S. Navy Recruiter for this area, looked on. Mrs. Leighton exhibits a 1965 Chevrolet convertible that is painted red, white and blue, and is upholstered with an American flag in the front compartment area. She has recruited for the Navy throughout the Southland at various drag races, automobile shows and other automotive affairs. At Ontario last month, she was contacted by a dozen young men who indicated an interest in joining the Navy. Their names were turned over to the San Diego Recruiting District.



NEW TV SYSTEM NEARLY COMPLETE — Except for work that still remains to be done on Channels 4 and 7, the job of converting to the Indian Wells Valley's new and improved television translator and booster system has been completed. Jerry Allen and Lyle Johnson are shown late Monday afternoon as they erected new ultra-high frequency receiving antennas at "B" Mt. Upon their arrival here, it was discovered that the new translators for Channels 4 and 7 had been damaged in shipment from Pennsylvania, and it may be necessary to send back for new parts before the entire new system is completed. Meanwhile, the old equipment on these two channels will continue to be used. —Photo by Ray Hocker





PURCHASES FIRST CANDY — Rear Admiral R. G. Freeman III, NWC Commander, is shown purchasing the first boxes of candy from three young representatives of local Camp Fire Girls. The enterprising salesmen are (l.-r.): Debbie Herigstad, Colleen Wilson and DeAnne Wilson. The annual candy sale began on Nov. 19 and will continue until Dec. 1. All profits will be used to support the Indian Wells Valley Camp Fire Girls. —Photo by Ron Allen

### Mobile unit of Houchin Blood Bank to be at Elks' Club Tues.

Another visit to Ridgecrest by the Houchin Community Blood Bank's mobile unit from Bakersfield is scheduled on Tuesday, from 2 to 6 p.m., at the Ridgecrest Elks Club, 200 E. Church St.

With Thanksgiving Day just past and the joyful Christmas season not far off, Mrs. Kay Thoms, chairman of the Indian Wells Valley Blood Bank's Advance Fund, is hopeful that local residents will be mindful of their many blessings and turn out in good numbers next Tuesday to help others who are in need by donating a pint of blood.

Mrs. Thoms reported that there is a long list of patients who need replacements for transfusions which they have received, or will be administered in the near future.

Anyone between 18 and 65 years of age who is in good health is eligible to donate blood. Individuals may designate to whom

Donors also may request that their blood be earmarked as their contribution to a blood plan insurance policy which, at no cost, will cover any blood needed by a husband and wife and all their children for one year.

Anyone who has ever had hepatitis, cancer, tuberculosis, heart disease, diabetes or syphilis is banned from giving blood.

Prospective blood donors will be checked by a doctor or nurse at the blood bank, and are asked not to eat any dairy products or fatty foods within three hours prior to the time they donate blood.

In addition to personnel from the Houchin Community Blood Bank who will be here next Tuesday, assistance also will be provided by members of the Ridgecrest Elks Lodge and Emblem Club, by local doctors and the Indian Wells Valley Nurses Club, as well as members of Beta Sigma Phi sorority and employees of the Community National Bank.

### Course on Interpersonal Communication scheduled

A course entitled "Interpersonal Communication," will be held on Dec. 18 and 19 at the NWC Training Center.

Dr. Bertram Barer, a management consultant, will be the instructor.

The course, dealing with practical techniques of interpersonal oral communication, is a workshop to sharpen the skills of participants in one-to-one or one-to-a-group communication.

The deadline for applications for this course, which is open to all levels of NWC personnel, is Dec. 8. Interested employees should send an enrollment form through proper department channels in time for it to reach Code 654 no later than that date.

### 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 652, 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 455 or 457). 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.

**Mechanical Engineer, GS-430-9/11/12, or Aerospace Engineer, GS-861-9/11/12, PD No. 7440239, Code 4041** — This position is located in the Aerothermodynamics Branch, Systems Development Department. The incumbent will conduct analytical and experimental investigations in the areas of heat transfer, fluid and gas dynamics, thermodynamics and high temperature material applications. These investigations are performed as part of exploratory development programs and in support of NWC weapons development programs. Job Relevant Criteria: Basic knowledge of thermodynamics, heat transfer, and fluid and gas dynamics. Experience in digital computer programming.

**File applications for the above with Charlotte Siewkowski, Bldg. 34, Rm. 204, Ph. 3118.**

**Supervisory Interdisciplinary Scientist or Engineer, GS-801-12, PD No. 7555182, Code 5513** — This position is classifiable in any of the following series dependent upon the qualifications of the selected: Mechanical Engineer, GS-830; Electronics Engineer, GS-855; Aerospace Engineer, GS-861; or Physicist, GS-1310. This position is head, Environmental Engineering Branch, Engineering Services Division, Engineering Department. The incumbent is responsible for the operation of the test and evaluation facilities of the Central Engineering Test Laboratory including environmental, mechanical, structures and data analysis laboratories and the NWC environmental chamber. In addition, the incumbent is the department's technical specialist in environmental and structures evaluation. Job Relevant Criteria: Extensive knowledge of structural and environmental test engineering. Ability to provide engineering analysis of test results for feedback to design or product improvement. Ability to supervise.

**Supervisory General Engineer, GS-801-14, PD No. 7555073A, Code 52023** — Temporary not to exceed one year. This position is that of Harpoon Production Program Manager and is located in the Harpoon Production Office, Product Design Division, Engineering Department. The incumbent has complete responsibility for the timely and effective coordination and direction of all aspects of the acquisition of the Harpoon weapon system procurement documentation and for management of various engineering efforts in support of NAVAIR and NAVSEA for Harpoon missile production. Job Relevant Criteria: Ability to manage a major weapons system production program. Knowledge of missile system development, analysis, evaluation, proofing and production. Ability to meet deadlines under pressure.

**File applications for the above with Carol Downard, Bldg. 34, Rm. 204, Ph. 2925.**

**Library Technician, GS-1411-4, PD No. 7553090, Code 5333** — Located in the Acquisitions Branch of the Technical Library, incumbent performs acquisition services of technical and scientific periodicals. This involves renewing subscriptions after determining the need for the periodical. Incumbent also is responsible for the binding of these periodicals. Job Relevant Criteria: Understanding of library techniques and methods in acquisition and

**binding of periodicals. Knowledge of bibliographic searching tools and techniques. Ability to work independently and meet deadlines.**

**File applications for the above with Pat Gaunt, Bldg. 34, Rm. 212, Ph. 2514.**

**Electronic Engineering Technician, GS-454-9, 11, 12, PD No. 7545119, Code 4547** — This position is located in the Terrain Denial Weapons Branch, Conventional Weapons Division, Propulsion Development Department. The incumbent will be a member of the GATOR System Project Team. The incumbent will provide support in the design bread-boarding, assembly and testing of electronic systems and wire harnesses. Job Relevant Criteria: Knowledge of the design and fabrication of digital and analog electronic circuits. A familiarity with electronic production techniques is required.

**Mechanical Engineer, GS-430-9/11/12, PD No. 7545120, Code 4547** — This position is located in the Terrain Denial Weapons Branch, Conventional Weapons Division, Propulsion Development Department. The incumbent will be a member of the GATOR System Project Team. The incumbent will be responsible for coordinating the joint service engineering development work on the mine and will be expected to conduct or direct the necessary studies and tests to determine the suitability of the design. Job Relevant Criteria: Must be familiar with air delivered ordnance and munition design principles.

**Mechanical Engineer, GS-430-11, 12, PD No. 7545121, Code 4547** — The incumbent of this position will be a member of the GATOR System Project Team. The incumbent, a senior development engineer, will direct the design of the Mk 7 and SUU-54 adaption kit mechanical components. The incumbent will be responsible for preparing such documents as project plans, technical development plans and budget estimates on his portion of the project. Job Relevant Criteria: Comprehensive knowledge of air delivered ordnance design principles. A familiarity with electronic components and interfacing mechanical design is desirable.

**File applications for the above with Mary Morrison, Bldg. 34, Rm. 210, Ph. 2292.**

### JOB OPPORTUNITIES

**Management Analysis Officer, GS-343-14, at Defense General Supply Center, Richmond, Va.** — In addition to basic qualifications, applicants must have successfully completed the DoD basic Dimes course or have demonstrated proficiency by attaining a passing grade on the DoD basic Dimes course final examination, and have attained certification from the methods time measurement (MTM) association as a practitioner of the MTM technique as required by OSAR 1100.5 of July 16, 1975. Interested and qualified candidates should submit SF-171 to Defense General Supply Center, Attn: DGC-KE, Richmond, Va. 22297 no later than Dec. 9, 1975.

**For additional information, contact Mrs. Barbara Higginbotham, Autovon 695-4626.**

**Computer Specialist, GS-334-12, DoD Standard Warehousing Shipping Systems Division, DSAO, Ogden, Utah** — Applications must be received in the office of the Civilian Personnel no later than close of business Dec. 12, 1975. Job opportunity No. DSAO-3.

**File SF-171 with Civilian Personnel, P. O. Box 22, Defense Depot Ogden, Ogden, Utah 84407.**

**Computer Programmer, GS-334-12, DoD Standard (Continued on Page 7)**

### DIVINE SERVICES

**PROTESTANT**  
Sunday Worship Service 1015  
Sunday School — All Ages 0900  
Wednesday Noon Bible Study 1130  
Sunday School Classes are held in Chapel Annexes 1, 2, 4 (Dorms 5, 6, 8) located opposite the Center Restaurant.  
Communion Service first Sunday of the Month.

**ROMAN CATHOLIC**  
MASS  
Saturday 1700 fulfills Sunday obligation  
Sunday 0700 0830 1130

**BLESSED SACRAMENT CHAPEL**  
MASS  
Daily except Saturday 1135

**CONFESSIONS**  
Saturday 1615 to 1645  
Sunday 0800 to 0825

**RELIGIOUS EDUCATION CLASSES**  
Sunday Kindergarten thru 4th grades 1015  
Pre-school 1130  
Wednesday First thru sixth 1530  
seventh & eighth 1900  
(Junior High)

Above classes are held in Chapel Annexes across from Center Restaurant.  
As announced Ninth thru 12th grades  
"In Home" Discussion Groups  
Monthly Youth Rallies  
Contact Chaplain's Office for specifics.

**JEWISH SERVICES**  
EAST WING — ALL FAITH CHAPEL  
Sabbath Services every Friday 2000

**UNITARIANS**  
CHAPLAIN ANNEX 95  
Sunday Services — (Sept.-May) 1930

NEW ARRIVAL AT VX-5 — Lt. Malcolm P. Branch has been assigned to duty with the Operations Department of Air Test and Evaluation Squadron Five (VX-5). A Navy flier, Lt. Branch is a 1969 graduate of the University of Wisconsin and entered the military service through the Naval ROTC program. He was immediately sent to the Navy Postgraduate School in Monterey, Calif., where (a year later) he received a master's degree in aeronautical engineering. Flight training followed at Pensacola, Fla., and Meridian, Miss., before Lt. Branch was awarded his Navy "wings of gold" at Kingsville, Tex. He was serving as a pilot and training officer with Attack Squadron 27 at Lemoore, Calif., prior to his transfer here. Lt. Branch was accompanied to China Lake by his wife, Nancy. —Photo by Ray Hocker

### Burros win . . .

(Continued from Page 6)

trying to get off a pass, Charlton more than made up for this by rambling for 20 yds. and a 1st down on the visitors' 28. Two plays later, another pass completed by Martin to Charlton covered the final 20 yds. to the goal line, and Burroughs trailed, 13-14, as the try for the PAT went awry.

As the second half opened, the Burros (aided by 20 yds. in penalties against Nordhoff) scored a go-ahead touchdown by moving the ball from their own 37 to paydirt. McDowell's runs of 12 and 14 yds., and a final 12-yd. scoring jaunt by Blanche turned the trick, and it was Burroughs 20, Nordhoff, 14, following a missed PAT by McDowell.

The Rangers weren't out of it yet, however, for it was their turn to control the ball, which they did by driving 71 yds. from their own 29 to the Burros' end zone. A pass by Quarterback Nick DiVito to Jenkins that gained 17 yds.; solid running by Berg and Jenkins that moved the ball to the Burros' 25, and a pass caught by Giuliani, who was hauled down on the Green and White 4-yd. stripe, set up the touchdown that came three plays later when Jenkins cracked over from the 1. Nordhoff then regained the lead, 21-20, on the PAT by Carson.

Once again, however, the Burros showed their ability to roll up points in the fourth quarter as they came back with two more scores of their own to move into round No. 2 of the CIF playoff competition.

Score by quarters:  
Burroughs 0 13 7 13 — 33  
Nordhoff 0 14 7 0 — 21

### NWC places first in Admiral's Cup marksmanship meet

The marksmanship team from the Naval Weapons Center won the marksmanship event in the Admiral's Cup Athletic Competition last Monday at the NWC Trap and Skeet range by taking first place in pistol and skeet shooting.

The Naval Air Facility team took second by winning the trap shooting event. VX-5 marksmen finished in third place in the overall competition.

Individual honors went to Lt. Joe Norrick of NWC, who posted a score of 263 out of a possible score of 300 in the pistol competition. LCDr. Ken Cumblidge, also of NWC, scored 23 out of 25 to take first in the skeet shooting. NAF's LCDr. Gordy Williamson fired a perfect 25 for 25 to place first in the trap shooting competition.

In the overall Admiral's Cup competition, NAF still leads with 17 points, followed by NWC with 15 points and VX-5 with 13 points.

The next event in the Admiral's Cup competition will be a racketball tournament that is scheduled on Dec. 8, 9 and 10.

### Diorama show final registration Dec. 4

The annual Diorama show and contest, sponsored by the Special Services Youth Center and Hobby Shop, will be held on Saturday, Dec. 6, from 10 a.m. to 2 p.m. at the Youth Gym.

Young people through 18 years of age may participate in the contest. Prizes will be awarded in each age division. They are for youngsters up to 9 years of age, those 10 through 13 years old, and 14 through 18.

Registration for the event will close next Thursday, Dec. 4, at 9 p.m. All registrations must be completed on forms available at the Youth Center or the Hobby Shop.

### Opportunities . . .

(Continued from Page 2)

**Warehousing & Shipping Systems Division, DSAO Ogden, Utah** — Application must be received no later than close of business on Dec. 12, 1975. Job opportunity No. DSAO-3.

Send SF-171 to the Office of Civilian Personnel, P. O. Box 22, Defense Depot Ogden, Ogden, Utah 84407 — Applicants for the positions located at DSAO Ogden, Utah, should call Autovon 795-7008 and request Form 779 which must accompany SF-171. Failure to request and have completed Form 779 will automatically eliminate the applications from being considered.

Additional information regarding the above positions may be obtained by contacting Betty Geiser, Code 652, Ph. 2657 or 2069.

### Employee in the spotlight

By Elizabeth Babcock

How can someone who has only set foot at China Lake fewer than two dozen times be NWC's "Employee in the Spotlight"? He'd have to be a pretty special employee—and that's what Tom Kirven is.

An electronics technician at NWC's Encounter Simulation Laboratory, a Fuze Department facility that stayed behind when Corona personnel were transferred to China Lake in 1971, Tom thinks of life both on and off the job as a constantly challenging adventure. Cited by his supervisor, Jerry Preston, as "the kind of guy who excels in things he's interested in and spends no energy on the other things," Tom has channeled his phenomenal energy into a staggering range of interests.

#### Electronic Engineering Student

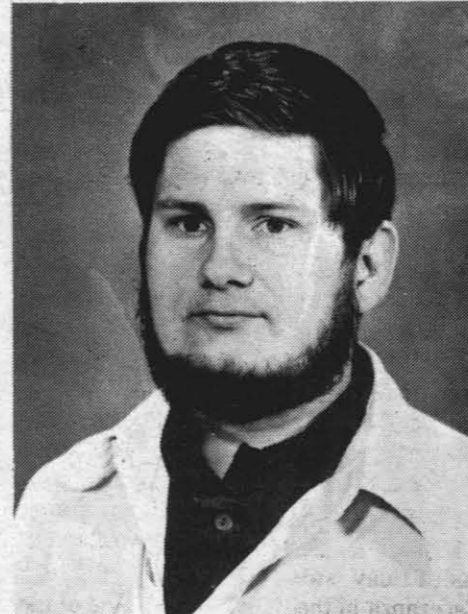
A native of Fullerton, Calif., Tom began his higher education at CalPoly Pomona as a student of electronic engineering. After three years of study in that discipline, architecture began to look pretty interesting, so he switched majors. Then, after another year of school, Tom was notified that he would be required to serve for a longer period under a previous commitment of his to the Navy's Officer Candidate Program. He decided he'd rather do two years as an enlisted man.

With his natural affinity for turning setbacks into positive learning experiences, Tom integrated two aspects of his background to become a photographer's mate with an unusual specialization. "I had it made in the Navy," he says. "I was the only photographer's mate in my outfit who knew about both photography and electronics." With that combined knowledge, he was given an unusual degree of independence as he performed maintenance and modifications on shipboard computer equipment and aircraft photographic electronics on the aircraft carrier Forrestal.

#### Met Wife at College

After nine months in the Mediterranean, Tom returned to his home base in Albany, Ga., and got married. His new wife, Madeline (Mad), had been a fellow student at CalPoly and had completed her education in the social sciences at the University of California in Santa Barbara while Tom was at sea.

With a WESPAC cruise in the offing for Tom, Mad got a job as a school teacher. "I started toward Vietnam, got as far as the Philippines, and found I was eligible for an



Tom Kirven

early out," Tom said. So after a year and nine months as a Navyman, Tom returned to civilian life and to his interrupted college career.

Following a quarter of school at Albany, Ga., ("the only school I could find that started at the time of year I got out of the Navy"), Tom returned to CalPoly and re-entered the School of Environmental Design as an architecture major. Two more years of schooling followed. "Then," he explained, "I got lonesome for engineering."

#### Tried Many Interesting Jobs

By this time Tom began to think it would be nice to get his degree. "There were too many interesting things going on and I tried too many of them," he said. "I'm not sorry I took the time to get all the classes I wanted but I began to feel I'd like to get out and be productive." Not that he hadn't been working right along — he had worked for a number of electronics firms and as a freelance industrial and scientific photographer at various times during his college career. But now it was time to redirect his energies. "I went to the Engineering Technology Department and showed them something like 460 units of college credit and they said they could have me out of there in a quarter with an Engineering Technology degree."

As it turned out, because of NWC Tom took three quarters to complete his degree. He saw a notice advertising a part-time job at the Encounter Simulation Laboratory—"they wanted an engineering technology student, but I thought I could fake it, so I

did." Tom liked the work and the attitude of his co-workers so well that when Preston offered him a full-time position as an electronics technician, he accepted and completed the last quarter of his schooling at night. That was in December of 1974.

In the short two years he has worked for NWC, Tom has moved to a position where he is a vital factor in ongoing improvements to the Encounter Simulation Laboratory, a unique national facility that provides economical and reliable data on new fuze developments and terminal guidance studies. A function of Lew Balenger's Systems Techniques Branch in the Fuze Department, the Encounter Simulation Laboratory is run by six full-time and one part-time employees.

#### Inspiration to Others

"We're currently doing some modernization work at the range," Preston said, "and Tom is not only an engineer for a lot of the detailed design work, he's also an inspirational driving force behind this work." Reclassification procedures, currently under way, will make Tom an electronics engineer.

Tom's enthusiasm spills over into a full and happy home life. "Mad loves teaching as much as I love my job," he said. "We're really lucky to be so enthusiastic about both of our jobs." The Kirvens also share a love of photography, very much in evidence in their home where one half of the basement is given over to a complete photographic darkroom.

#### Partner in Small Business

A small part-time electronics and graphic arts business in partnership with a friend, "Synetic Designs," is characterized by Tom as "a learning experience with no financial returns but a lot of new equipment." A complete home electronics shop testifies to Tom's real enthusiasm for his chosen line of work. Furthermore, he's a qualified first aid instructor and has recently completed a course qualifying all of his fellow-workers at the Encounter Simulation Laboratory for their Red Cross cards. And he's interested in going down into mines.

His plans for the future? "I really want to learn more about astronomy and meteorology," stated this enthusiastic student of life. "I also think it would be fun to try working at China Lake in a few years — I like NWC because of the excitement of being able to grow into the opportunities available."

### Cerro Coso College placement exams slated Dec. 1, 2, 6

Additional dates have been set for taking the Cerro Coso Community College placement examinations. The tests will be given at Burroughs High School on Monday and Tuesday, Dec. 1 and 2, starting at 6 p.m. and at Cerro Coso College on Saturday, Dec. 6, starting at 8 a.m.

It was found necessary to schedule these additional exams because a number of students were not able to take the tests at the dates previously scheduled.

The 4-hour long battery of tests includes an English classification, a mathematics placement and a general college aptitude examination.

It is now a general requirement to take these tests prior to being admitted to the college. The requirement is waived for students who already possess degrees or have completed significant college course work. Students planning on taking credit free adult education courses also are exempt from submitting test scores.

All students interested in the license vocational nursing program opening up in January, who have not taken these tests previously, should plan to do so at this time.

Reservations, required for taking the exams, can be made by calling the Cerro Coso Counseling Center, phone 375-5001, ex 34.



OFFICER PROMOTED — A congratulatory handshake was extended by Capt. Conrad B. Olson (at left), Commanding Officer of the Naval Air Facility, during a ceremony in which Millard J. Wilson, the NAF maintenance control officer, was promoted from the rank of lieutenant (junior grade) to full lieutenant. Looking on at right is Lt. Wilson's wife, Joanne. A veteran of 20 years' service in the Navy, Lt. Wilson was transferred here recently from Fighter Squadron 154 at the Miramar Naval Station in San Diego. —Photo by Ray Hocker

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NWC Commander  
Dr. G. L. Hollingsworth  
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C. E. Van Hagan  
Head,  
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Don R. Yockey  
Editor  
Coy Jones  
Associate Editor (Act'g)  
Terri Jacks  
Editorial Assistant  
Ron Allen  
Staff Photographer





Wilt's Corner

### Intramural League basketball play to begin Tuesday

The China Lake Intramural Basketball League season, scheduled to start this past week, has been postponed until Tuesday. Realignment of the teams caused the postponement.

The realignment has resulted in six teams being placed in the Open League and eleven teams in the Recreation League. The latter is split into two divisions (A and B) that have six and five teams, respectively. Three games will be played each Tuesday, Wednesday and Thursday except during the Christmas-New Year's holidays. The first game each night will begin at 6, instead of 5:30 as previously planned. The revised schedules may be picked up at the gym.

#### Gymnasium Hours

The gymnasium is now open to adults only from 11 a.m. to 1 p.m., Monday through Friday, and adults will have first priority between the hours of 4:30 and 6 p.m. during the week.

Women only have full use of the gymnasium on Mondays from 6 to 10 p.m. Open hours at the gym are from 6 to 10 p.m., Tuesday through Friday, and from 11 a.m. to 7 p.m. on Saturdays and Sundays.

#### Scuba Diving Class

Another scuba diving class is being planned. Although classes will not start until January, interested persons are asked to sign up early. Leon Breeden, from Lancaster, will be the instructor. The class will be held at the Center swimming pool. Those interested may register at the gymnasium office, or call Adrienne Swinford at 375-5260.

### Two local gymnasts qualify for Class III zone competition

Two local Class III gymnasts qualified last Saturday for a rough meet coming up on Dec. 7, in which the top gymnasts in each group from the 12 teams in this zone will compete for district qualification.

In a preliminary meet hosted by the Verdugo Gym Club at Valley College in Glendale, Sis Boyd and Coleen Burke turned in identical all-around scores of 29.30 each to qualify for the district competition.

The scores of the two local gymnasts were averaged with their scores from a previous meet to gain Miss Boyd, a Burroughs High School co-ed, ninth place in the Senior Division and Miss Burke, an eighth grader at James Monroe School, 20th place in the Junior Division in this zone.

"Scores were high in this meet," said Mary Ann Wilcox, head coach of the High Desert gymnastics team. "Although Coleen raised her total all-around score a whole point from her previous score of 28.4, she dropped from 18th to 20th place," the coach stated.

Also participating in last Saturday's meet were six other members of the High Desert gymnastics team. They were Chris Ball and Lexie Holan in the children's division; and Rhonda Bergh, Kathleen Pursell, Pam Chase, and Julie Baker, in the Junior Division.

The zone meet on Dec. 7 will be held at CalPoly, Pomona.

## Burros top Rangers, 33-21; Gahr next CIF foe

The Burroughs High School varsity football team has cleared the first hurdle in its quest for the 1975 championship of the Double AA Division in the California Interscholastic Federation's Southern Section — something that eluded them by a single game a year ago.

The Burros, victors last Friday by a final score of 33-21 over the Nordhoff High School Rangers of Ojai, will be looking for their second CIF playoff win tonight when they tangle with Gahr High School in a game to be played at the high school district field in La Mirada, a community not far from Norwalk, southeast of Los Angeles.

The Gahr High School Gladiators, who ranked ninth in the CIF 2-A Division standings at the end of regular season play, last Friday swept to a 35-18 win over Esperanza in their first round game of the CIF playoffs.

Each of the four starting backfield men for Burroughs got into the scoring act in the opening round of CIF playoff action, which could have gone either way as late as the middle of the third period when the locals trailed the Rangers by a single, point 20-21.

#### McDowell Scores Twice

Mark McDowell, who was the principal ground-gainer for the Burros, accounted for two touchdowns on runs of 4 and 5 yds., respectively, in the second and fourth quarters and also added two PATs.

The Burros' other two tallies came on a short pass from Quarterback Drew Martin to Ken Charlton, the fullback, on a play that covered 20 yds. shortly before the end of the first half, and on a quarterback keeper by Martin who squeezed over from the 1 yd. line early in the final period of play.

The Burroughs gridders had a chance to knot the count at 14-14 at the half, but elected to try for a 2-point PAT that failed. McDowell line up in field goal kicking position, but instead took a direct snap from center and looked for someone to pass to in the end zone. With his receivers covered, the speedy halfback sprinted for the goal line, but was knocked out of bounds a foot or two short of the goal line.

#### Ranger Gamble Backfires

A gamble by the Rangers (with much more at stake) just might have been the turning point in the ball game late in the third period. On top by 21-20, the Rangers lucked out by punting on a fumble to stymie a drive by the Burros that had carried them from their own 15 yd. line to the visitors' 27.

An aroused Burroughs High defense then held the Rangers to a gain of 8 yds. in three plays. Instead of playing it safe and booting the ball with fourth and 2, the Rangers lined up in punt formation and tried a pass that fell incomplete.

This gave the Burros good field position at the Nordhoff 35-yd. line, and they took quick



A FAMILIAR SIGHT — Mark McDowell (No. 33), speedy halfback for the Burroughs High School varsity football team, is shown cutting inside end at the start of one of his typical long-gainers in the Burros' 33-21 win over Nordhoff High School Rangers. In the background, Quarterback Drew Martin can be seen faking a pass. About to be blocked out of the play is Dave Norcott (No. 20), while Jim Colliflower (No. 52) trails the play. McDowell tallied two touchdowns and booted two PATs to add 14 points to his scoring total for the season.

advantage of the opportunity by driving in for a touchdown that put them ahead, 26-21, with the fourth period of play barely under way.

On this key scoring surge, QB Martin led off with a 10 yd. gain and a first down on the Rangers' 25. Two cracks at the line by McDowell picked up 15 more and it was first and goal to go for the Burros on the Nordhoff 10-yd. stripe.

McDowell then picked up 2 and Charlton bulled his way for 7 yds. on two running plays that set the stage for the quarterback keeper on which Martin scored. The try for the extra point missed, but Burroughs was in front to stay.

The Rangers, who could only get back to their own 20 yd. line after a long kick-off by McDowell, were forced to give up the ball three plays later on a punt from their own 28.

Once again the Burros were in good field position at their own 47, and, six plays later, scored what turned out to be the game's final touchdown. It was tally No. 2 for McDowell, who also added the PAT to make the final score 33-21 in favor of the Green and White.

Recapping the scoring in this game, the Nordhoff Rangers, broke open a scoreless first quarter deadlock by taking advantage of a short punt by Burroughs that

gave them the ball on the local team's 42 yd. line, and then put together the game's first scoring drive. The big play was a pitchout by QB Lance Carson to Bob Berg, halfback, who then tossed a pass to Mike Guilliani. The latter was hauled down on the Burros' 8-yd. line. From there, a left end sweep by Brian Basler put the Rangers on top, 7-0, after Carson booted the PAT.

The Burros bounced back and the first of two touchdowns by McDowell tied the score at 7-7 with more than 8 min. left to play in the first half. Gallops of 24 and 29 yds. by McDowell sparked this scoring march.

Recovery of a Burros' fumble on the Nordhoff 45 yd. line set the stage for the game's third tally. A 36-yd. romp by Mike Jenkins, fullback for the Rangers, gave the visitors a first down on the Green and White 9-yd. line. QB Carson gained 6 and Berg then plunged over from the 3. The PAT boot by Carson again was good to give Nordhoff a 14-7 lead with 3:25 left to play in the first half.

A 78-yd. scoring march put the Burros on the scoreboard moments before the second period ended. Two runs by a McDowell and a short pass from Martin to Charlton moved the ball to the Nordhoff 43. Although QB Martin was sacked for a 5-yd. loss while

(Continued on Page 7)

### Low-scoring games between evenly-matched teams continue in Youth Soccer League

After the first two weeks of play in the NWC Youth Soccer League, the Sounders of the American Division had lost to both the

### Youth basketball sign-ups to close

Young people between 7½ years of age through the 12th grade who are interested in participating in the youth basketball program at China Lake this winter have until tomorrow at 5 p.m. to sign up and pay the required registration fee.

Five leagues will be formed with divisions set up to allow competitive play between youngsters of equal ability and maturity. All applicants must pay a registration fee of \$7.50 each and also must be members of the Youth Center. To be eligible for membership in the Youth Center, youngsters must be dependents of active duty or retired military personnel, NWC civilian employees or civilian support activity employees.

For more information, call Carol Hape at ext. 2909, Tuesday through Friday, from noon to 9 p.m.

Atoms and the Cosmos. Although neither the Atoms or the Cosmos have been able to win since, four consecutive ties by each team has kept them tied for the division lead.

On Monday, Nov. 17, however, the Sounders came within one point of the Atoms and knocked the Cosmos out of their first place tie by defeating the Cosmos, 2-1. As they often do, the Sounders opened very well and led 2-0 at halftime. The Cosmos maintained poise but were unable to dent the Sounders' defense until the last three minutes of play when they finally scored.

The final minutes of play saw both teams exhibit lots of talent, but neither could score again.

In the second game of the doubleheader, the Atoms moved ahead of the Cosmos and Sounders by tying the Stars, 1-1.

The Stars scored first. However, after the ensuing kickoff, the Atoms' right halfback made a perfect throw-in to his right forward, and the Stars' lead lasted just 20 seconds.

The first half ended 1-1 and there was no further scoring in the second half.

## Furnished temporary quarters ready for newly-assigned military personnel

Navy personnel reporting for duty at the Naval Weapons Center frequently arrive ahead of their household goods and are unable to move into completely furnished permanent living quarters.

The Naval Air Facility, at the request of Capt. C. B. Olson, Commanding Officer, has done something about the problem.

Fifty volunteers — enlisted and officers — from NAF and VX-5 have, according to Cdr. John Faron, officer-in-charge of the project, spent over 400 man hours in renovating four 3-bedroom apartments made available for use by Navy personnel reporting under such circumstances.

Rehab work on the apartments, located behind the All Faith Chapel at 109 Mitscher Rd., began on Sept. 26, and was completed Wednesday. However, some household items such as lamps and pots and pans are still needed. Persons having such items they would like to donate can do so by calling Lt. R. E. White, at ext. 5481, or Chief J. R. Warnke, ext. 5220.

The work consisted of cleaning and leveling the grounds, planting winter grass seed, erecting a chain link fence around the back yard, installing an automatic sprinkler system in the back yard, planting shrubbery in the front, painting the entire complex, cleaning all units, repairing furniture and providing additional furniture, as well as dishes, kitchen utensils



MILITARY FAMILY TEMPORARY QUARTERS PROVIDED — RADM. R. G. Freeman III, NWC Commander, assisted Lt. R. E. White, on-site project coordinator, in the ribbon-cutting ceremony marking the official opening of four 3-bedroom Old Apartments at 109 Mitscher Rd. as temporary living quarters on Nov. 18. Observers present for the ceremony were Capt. C. B. Olson, (at left), Commanding Officer of the Naval Air Facility, and (on right) Cdr. John Faron, officer-in-charge of the rehab project, and Chief Petty Officer John R. Warnke, leading chief at NAF. Fifty volunteers from VX-5 and NAF have remodeled the apartments and furnished them with everything from dishes, linens, table and chairs to TV sets. —Photos by Ron Allen

### Master plan . . .

(Continued from Page 1)

Mesquite Continuation High School would move to the present James Monroe School campus, and all junior high students in the district would attend Murray School. Relocatable classrooms would be added at Burroughs High School to alleviate overcrowding.

The second alternative also would result in construction at Ridgecrest Heights School and use of relocatable classrooms at Burroughs High. Murray and James Monroe Junior High Schools would remain as at present. A new school facility would be constructed for Mesquite High School, which presently is housed in buildings that do not meet state earthquake safety standards.

The third alternative, which would require passage of a high school bond election, proposes construction of a new junior high school in Ridgecrest which would serve seventh, eighth and ninth grades. Murray School also would serve those same grades, relieving the overcrowding at Burroughs High School. James Monroe School would be used either for Mesquite High School or as an elementary school. If the latter course is chosen, Vieweg School would be used for district administrative offices.

Public input on these three alternatives is desired before any action is taken, Dr. Heinsohn stressed. Suggestions for other courses of action also will be welcome. Copies of the master plan can be obtained at each school office for examination by interested persons.

### Navy Exchange plans 'Stag night' sales

As part of its pre-holiday merchandising program, the Navy Exchange and men's trailer will be open on Tuesday, from 7 to 9 p.m., exclusively for male patrons who have Navy Exchange shopping privileges.

This "stag night" has been set aside to enable men customers to look around for gifts for that special person in their life, Richard Anderson, manager of the Navy Exchange, stated.

In addition to reduced prices on such items as 8-track tapes, cassettes and tape recorders, there will be a display of specially-selected merchandise that will be shipped here from the main Navy Exchange at Port Huene.

Feminine patrons of the Navy Exchange will have their own shopping night next Thursday, Dec. 4, also from 7 to 9 o'clock, when the facility will be open to women only.



NEW ARRIVALS — ABE L. A. Ray and his wife, Anna Marie, were presented with keys to their temporary quarters at 109-B Mitscher Rd. by RADM. R. G. Freeman III, NWC Commander. The Rays were the first to be assigned to the newly renovated 3-bedroom apartments recently made available for Navy personnel who report for duty at NWC before the arrival of their household goods.

## Professional group to hear talk on environmental quality of IWV

A talk on the subject of "Environmental Quality in the Indian Wells Valley" will highlight the next dinner meeting of the Sierra Sands Section of the American Society for Quality Control (ASQC).

The speaker will be Peggy Davis, an atmospheric physicist employed in the Naval Weapons Center's Technology Utilization Office.

A "Ladies' Night" affair, the meeting will be held on Monday at the Indian Wells Lodge on Highway 14, where a social hour will precede the dinner at 7. The talk by Miss Davis will follow a business meeting at 8 o'clock.

Dinner reservations can be made by calling Tony Miller, chairman of the local section of ASQC, at Systems Consultants, Inc., phone 446-3501, between 7:30 a.m. and

4:30 p.m. Miss Davis, who has a bachelor's degree in physics from the University of Minnesota, also has taken graduate studies in astro-geophysics at Colorado.

While at the Naval Weapons Center, she has participated in a number of projects related to her talk, including a three-dimensional mapping of aerosol concentration for the California Air Resources Board, a desert visibility study, and several programs to develop correlation between infrared measurements and atmospheric parameters.

Prior to coming to China Lake, Miss Davis was involved in thunderstorm research with the National Oceanic and Atmospheric Administration, and also carried out a study of fair weather phenomena at the University of Minnesota.

and linens.

"All persons involved in the project, including enlisted and officer personnel of NAF and VX-5, the Seabees, Public Works and Housing — especially Robert A. Owens — are to be congratulated for the tremendous amount of work they did in accomplishing this task," Cdr. Faron said.

Owens is a housing inspector in the Housing Division of Public Works.

### Awards presented . . .

(Continued from Page 1)

Buffum was singled out to receive this special honor for his outstanding vigor, imagination, skill, and personal involvement in field assignments and projects which included tours in Vietnam, Korea, and the Navy Fleet Operational Intelligence Office. He also was recognized for his energy in leading and revitalizing the Center's participation in Fleet liaison and assistance programs such as the Naval Sciences Systems Programs. These significant efforts resulted in bringing credit and recognition to the Naval Weapons Center and helped in furthering the mission of NWC and the Navy.

Buffum, an operations research analyst in the Weapons Planning Group, first came to the Naval Weapons Center in 1959 as a participant in the Summer Student Program. After receiving a bachelor of science degree in physics from the University of Oklahoma in 1960, he returned to China Lake to work under the Professional Development Program for Junior Scientists and Engineers. In 1967, he received a master's degree in Engineering from UCLA.

#### Work on Trident Program Cited

Maples was recognized for his demonstrated professional excellence in technical management and leadership of the Propulsion Development Department's Quality Assurance Division for the past 11 years, and especially his management of the Trident I Development Program. His outstanding accomplishments, which were made during a time of rapidly changing technology, have brought credit to the Naval Weapons Center and have advanced the mission of the Center and the Navy.

Maples, who is still in charge of Code 45's Quality Assurance Division, has worked at China Lake since 1958. He holds a bachelor of science degree in mechanical engineering from Oklahoma State University. He, too, began his career at NWC under the Professional Development Program for Junior Scientists and Engineers.

#### Helped Meet Needs of Fleet

Cdr. Darwin received the Michelson Laboratories Award for his outstanding initiative, dedication, and perseverance in blending the capabilities of the Naval Weapons Center and other laboratories with Fleet resources to address immediate Fleet requirements. His efforts in demonstrating anew that the Navy is indeed a partnership between military and civilian personnel have brought credit and recognition to the Naval Weapons Center and have served in furthering the mission of the Center and the Navy.

The recently promoted commander, who joined the Navy in 1959, arrived at NWC in March, 1973. He is currently serving as the Surface Weapons Systems Officer in the Weapons Department.

Cdr. Darwin has a bachelor in business administration degree from Southern Methodist University in Dallas, Tex., and a master's degree in international relations from the George Washington University Extension, Newport, R.I.

#### Metal Trades Council

The next meeting of the Indian Wells Valley Metal Trades Council will be held on Thursday, Dec. 4, starting at 7:30 p.m. at 65-B Halsey Ave., China Lake.

The council is the representative of a unit composed of the Naval Weapons Center's non-supervisory, ungraded, civilian employees who are located at China Lake.



# Navy Chaplain Corps established 200 years ago today

Today marks the 200th anniversary of another group of highly dedicated men who make up the Navy family — those who serve in the Chaplain Corps.

Capt. Theodore C. Hermann, the Naval Weapons Center's senior chaplain, attributed both wisdom and foresight to this nation's founding fathers in electing to establish the Chaplain Corps just 2½ weeks after the U.S. Marine Corps was born. After all, he reasoned, it must have been realized even then that help would be needed to keep those feisty Marines in line.

Navy chaplains (three are currently assigned to duty at China Lake) are qualified ministers, priests and rabbis representing their respective faiths to the thousands of men and women in today's Navy, Marine Corps and Coast Guard.

### Other Chaplains on Duty

On duty here, in addition to Chaplain Hermann, are Lt. Joseph Wambach, the Catholic chaplain, and Lcdr. Wayne Harper, chaplain at the Naval Air Facility.

The history of the Navy Chaplain Corps can be traced back to Nov. 28, 1775, when the Continental Congress adopted the second article of Navy Regulations. It provided for divine services aboard ships of the 13 colonies. The article reads:

"The commanders of the ships of the Thirteen United Colonies are to take care that divine services be performed twice a day on board, and a sermon preached on Sunday, unless bad weather or other extraordinary accidents prevent."

The first chaplain known to have served in the Continental Navy was the Rev. Benjamin Balch, a man who believed in freedom and fought alongside his comrades. A graduate of Harvard, Rev. Balch was one of the Minutemen at the Battle of Lexington. Later, he reported aboard the frigate Alliance for duty.

### Dubbed "Fighting Parson"

In 1781, the Alliance engaged and captured two British vessels off the Canadian port of Halifax, and the Rev. Balch's deeds were recorded as follows:

"The peril the ship was in brought out the desperate courage of every man on board the Alliance, the 'cloth' being no exception. Rev. Balch was seen armed in the midst of the fray." Thereafter he reportedly became known as the "fighting parson."

One of Rev. Balch's 12 children, William, also took up the cross and was the first chaplain known to receive a commission in the Navy. His commission was signed by President John Adams and he served,



THREE CHAPLAINS SERVE NWC — Today's 200th anniversary of the founding of the Navy Chaplain Corps brings to mind the fact that the NWC All Faith Chapel has one of the most active chapel programs in the Navy. The three officers who share the chaplains' duties at China Lake are headed by Capt. Theodore C. Hermann (at right) as senior chaplain. With him are Lcdr. Wayne Harper (at left), the NAF chaplain, and Lt. Joseph Wambach, Catholic chaplain.

starting in 1799, on board the vessels Congress and Chesapeake.

There is also a record of a William Austin, who served as a chaplain, without commission, aboard the Constitution for 18 months. Earlier references to the presence and work of chaplains in the Navy are limited, especially in the Continental Navy.

One of John Paul Jones' letters, now in the Library of Congress, reveals that Jones sought chaplains in France for the Ranger and Bon Homme Richard. The letter, dated July 12, 1778, states, "In the selection of a chaplain the following qualifications are deemed requisite:

### Desirable Qualifications

"I could wish him to be a man of reading and of letters who understands, speaks and writes French and English with elegance and propriety... whose sanctity of manners and happy natural principles would diffuse unanimity and cheerfulness thro' the ship."

Service to others and courage in the face of overwhelming odds have always been a hallmark of the Chaplain Corps. Until the government established the Naval Academy at Annapolis, Md., in 1845, the

ministries appropriate to their rights and needs.

Locally, the NWC All Faith Chapel has one of the most active chapel programs in the Navy. During an average month, there are well over 100 meetings and services sponsored by the Chapel, with more than 10,000 participants in various programs each month, Senior Chaplain Hermann reported.

To coordinate the various religious groups, an Inter-Faith Council representing the Hebrew, Unitarians, Catholic and Protestant congregations has been established. Heading up the Protestant Council is Dr. William Leonard, while Dr. Dave Burdick is president of the Catholic Council. Milt Ritchie is chairman of the Unitarian Fellowship and Seymour Uberman presides over the Hebrew Council.

### Varied Duties Performed

The three chaplains assigned to NWC have a total of more than 50 years of active duty in the Navy. In addition to the usual pastoral duties of preaching, baptisms, marriages and funerals, the chaplains are engaged in all types of counseling.

In the case of NAF Chaplain Harper, this extends into the fields of inter-personal communication seminars and responsibility for the Human Relations/Alcoholic Rehabilitation Program.

Fr. Wambach, the Catholic chaplain, is heavily committed to conducting nine Masses a week and pursuing his interests of religious education and ministering to the sick.

Senior Chaplain Hermann's role is one of a supervisory nature, in addition to the typical pastoral duties outlined above.

Being community-minded, the three Navy chaplains participate in the Indian Wells Valley Ministerial Fellowship — an ecumenical group that meets weekly and cooperates in community projects. Rear Admiral R. G. Freeman III, NWC Commander, on occasions has hosted a "Clergy Day" during which all the clergymen in the local area are invited to lunch and a tour of the Center.

### Visit to China Lake slated by Social Security agent

A representative of the Social Security office in Bishop will pay another of her regular monthly visits to China Lake next Wednesday, Dec. 3.

Persons wishing to apply for a Social Security number or obtain information about Social Security benefits and Supplemental Security Income claims can do so at the Community Center between 8:30 and 11 a.m.



RECEIVES PATENT — Dr. Richard S. Hughes (at left) was the recent recipient of a patent award for an electro-optic device for rapidly tuning dye lasers, without the limitation of moving parts. Dr. Hughes, a supervisory physicist who heads the Research Department's Quantum Technology Branch, received the patent award from Fred Essig, head of Code 60's Physics Division.

main burden of chaplains was to prepare junior officers for their future duties. The Secretary of the Navy expected them to be schoolteachers.

This was made clear in a letter written on May 4, 1818, by the Sec/Nav to the commanding officer of the Guerriere saying: "You will be pleased to select a gentleman possessing the necessary qualifications to officiate as chaplain and instruct the junior officers in the theory of their profession." Taught Math, Navigation

Conducting classes in mathematics and navigation on board ship, therefore, was very much a part of a chaplain's duties and years later Admiral David Farragut who, as a young man had been subject to such instruction, was quick to acknowledge the efforts of 21-year-old Chaplain Charles Folsom, the "young Yankee parson" who served aboard the Washington in 1816.

Chaplains have always been in the thick of things in battle, and their gallantry has been legendary. Chaplain John Lenhart was the first to die as the result of enemy action in the Civil War when the Cumberland went down off Hampton Roads, Virginia, after being rammed by the CSS Virginia.

The Chaplain Corps reached full maturity during WWI. At the outbreak of hostilities, 40 chaplains were serving on active duty. Subsequently, four chaplains out of a total of 13 who were assigned to the Marine Corps in France were awarded the Navy Cross for their heroic deeds.

### 1,500 Now on Active Duty

Since the conclusion of the "war to end wars," the number of Navy chaplains has grown to where now more than 1,500 active duty and Reserve chaplains serve the spiritual and moral needs of Navy personnel.

In the recent Vietnamese conflict, 70 per cent of all active duty Navy chaplains served in country or off-shore, and awards for their heroism and dedication to duty numbered more than 200. Three Navy chaplains gave their lives while fulfilling their ministry in Vietnam and one of these, Fr. Vincent J. Capodanno, was posthumously awarded the Congressional Medal of Honor.

The Chaplain Corps has grown, just as the Navy has grown, since the Rev. Benjamin Balch first conducted services aboard an American naval vessel. Chaplains stand ready to promote the spiritual, religious, moral and personal well-being of personnel of the Navy, Marine Corps, Coast Guard and Merchant Marine, their dependents and authorized persons by providing the

# Happenings around NWC

Late enrollment is still being taken in a results-oriented engineering management course that will be held on Tuesday, Wednesday and Thursday of next week, from 8 a.m. to 4 p.m., at the Training Center.

This course, which counts toward the 80-hour training requirement for new supervisors, will be taught by David Dow, a consultant to industry and government who specializes in management education. He is coming here from San Diego.

NWC employees interested in attending this course are asked to call the Training Center, ext. 2359.

### Influenza Shots Scheduled

The local Branch Clinic (former NWC Dispensary) of the Naval Regional Medical Center in Long Beach will be administering influenza vaccine on Monday and Wednesday of next week from 1 to 4 p.m. in the clinic's medical library.

Naval Weapons Center civilian employees will be able to get such shots on Monday, while retired military personnel and their dependents are to report on Wednesday, also from 1 to 4 p.m. The influenza vaccine will not be administered to dependents of Civil Service employees.

The influenza vaccine also will be given to NWC civilian employees at the following times and places:

Tuesday, Dec. 2, 8 a.m. to 4 p.m., at the Naval Air Facility Sick Bay.

Thursday, Dec. 4, 8 to 11 a.m. at Michelson Laboratory Aid Station, and 1 to 4 p.m. at the Salt Wells Aid Station.

Friday, Dec. 5, 9 to 11 a.m. at Randsburg Wash.

### Sunday Brunch Being Served

The Naval Weapons Center Enlisted Dining Facility, located in Bldg. 880 on King Ave. just north of the Police Station is now open to civilian NWC employees and their families on Sunday mornings for brunch.

A breakfast menu will be served between 7 and 9 a.m. and combination breakfast and lunch menu will be served from 10 a.m. until noon.

### Yule Dinner Tickets on Sale

Tickets are now being sold for the annual Naval Air Facility Christmas dinner-dance that will be held on Friday, Dec. 19, starting at 6 p.m. at the Community Center.

The party-goers will be served a prime rib dinner, starting at 7 p.m., and the evening will be rounded out by dancing to the music of the 11th Naval District band.

Tickets for this annual season affair are priced at \$3.50 per person and can be purchased at the office of NAF's leading chief.

### "Beat Army" Breakfast

A special "Beat Army" breakfast, timed to coincide with the 9:30 a.m. start of tomorrow's Army vs. Navy football game telecast, will be served at the Commissioned Officers' Mess.

On the menu will be eggs, chicken drumsticks, strawberries and ice cream — all at a cost of \$2.50 per person.

### Student Counselors Available

Enrollment counseling appointments can be made on weekdays between now and Monday, Dec. 8, at Cerro Coso Community College by students who plan to attend Spring semester classes.

All potential full-time students and others planning to begin or continue working towards specific educational objectives at the local college should arrange for an appointment with a member of the counseling staff.

The purpose of these counseling interviews is to make available to the student information on college major fields of study, college regulations and requirements, and specific classes offered during the coming semester. Assistance also is provided in planning an individual course of study.

To schedule an appointment, contact the College Counseling Center by calling 375-5001, ext. 34.

## Area-wide need probed at Town Hall meeting...

(Continued from Page 1)

throughout the area.

(5) Encourage new businesses to come into the area so as to lower costs and provide a greater variety of goods and services.

Those who participated in the workshops on political challenges cited a need for overcoming any lack of knowledge about how to achieve community goals. This problem, it was felt, relates to general inexperience in knowing how to utilize existing political procedures to attain desired goals.

A need for more involvement of people in politics also was emphasized, as was the necessity to improve voter turnout at election time.

### Cultural Challenges Outlined

In the area of cultural challenges, the numerous problems outlined ranged from the need for upgrading community awareness by finding new ways to dispense information to offering programs that would promote individual identity, cultural awareness and involvement of all social and economic groups.

More specifically, the necessity is seen for controlling drug and alcohol abuse, juvenile delinquency and the community's

high divorce rate — all of which has a bearing, the Town Hall participants felt, on the need for strengthening the family unit.

Also singled out among the challenges to be met is that of dealing with the lack of coordination between the area's more than 100 voluntary organizations and four law enforcement agencies, as well as overcoming the lack of personal commitment to the community by its residents.

Effective communication between youth and adults — that is recognition of the fact that there is a valuable, but seldom-tapped resource in the youth of the community that could be and should be drawn upon — also was emphasized.

When it came around to proposing ideas about how to resolve some of the problems brought out during the morning's brainstorming sessions, some of the proposals listed under the general heading of "economic" were:

### Economic Proposals Listed

(1) Improve economic stability by launching a valley-wide consumer survey, an economic feasibility study, and the formation of an economic research action group to work with in cooperation with existing industry.

(2) Encourage other merchants to come into the area, and develop local government public works projects.

(3) Conserve natural resources through demonstrations of a model solar/geothermal energy community.

Among the solutions to the problems of a political nature confronting the community,

## Catholics called on to observe new rite of penance

A new rite of penance will be implemented by the Catholic Congregation of the All Faith Chapel by setting aside each Wednesday, from 6:30 to 7:30 p.m., in the office of Fr. Joseph Wambach for the administration of the Sacrament of Penance.

This new rite of penance, which has been decreed by the Second Vatican Council, calls for the priest and the penitent to meet in a less formal situation than the confessional for the administration of the Sacrament of Penance.

According to Fr. Wambach, the Second Vatican Council decreed that "the rite and formulas of penance are to be revised in such a way that they may more clearly express the nature and effects of this sacrament."

Because of this, the Congregation for Divine Worship has carefully prepared a new Rite of Penance so that the celebration of the sacrament may be more fully understood by the faithful.

It is not necessary for members of the NWC Catholic congregation to make an appointment. All they need to do is to pay a visit to the office of Fr. Wambach any Wednesday between 6:30 and 7:30 p.m.

This new time schedule for the administration of the sacrament is in addition to the regular times before daily Mass, Saturday afternoon and before the 8:30 a.m. Mass on Sunday.

it was proposed that three new, paid jobs — those of mayor, ombudsman and adult probation officer — be created.

Additionally, such steps as developing a political action bulletin, as well as court and school board watching committees, and requesting that the Kern County Board of Supervisors rotate its meetings between communities were suggested as means of creating a more politically effective citizenry in the local area.

### Political Actions Suggested

More involvement in county level groups by organizing a shuttle bus to meetings of the county's Board of Supervisors, and setting up committees to analyze what this area is receiving from the county were two other proposals falling under the general heading of "political matters" that evolved from the Town Meeting.

In an effort to meet the community's "cultural challenges," it was proposed that in order to make more efficient use of existing buildings and park assets, that a handbook of such facilities be compiled and that effort then be extended to encourage cooperation in the use and sharing of these facilities.

Furthermore, as an answer to the cultural shortcomings of the local area, it was proposed that a community center and garden park be developed after first promoting the advantages of such a facility. This would be done by surveying existing organizations to obtain information on their needs and resources, then determining the requirements for such a building and park, and finally selecting a place for it.

## New Senior medical officer now on duty here

Capt. Robert W. Taylor, Medical Corps, USN, reported to China Lake recently to take over the duties of officer-in-charge of the local Branch Clinic (formerly Dispensary) of the Naval Regional Medical Center in Long Beach, Calif.

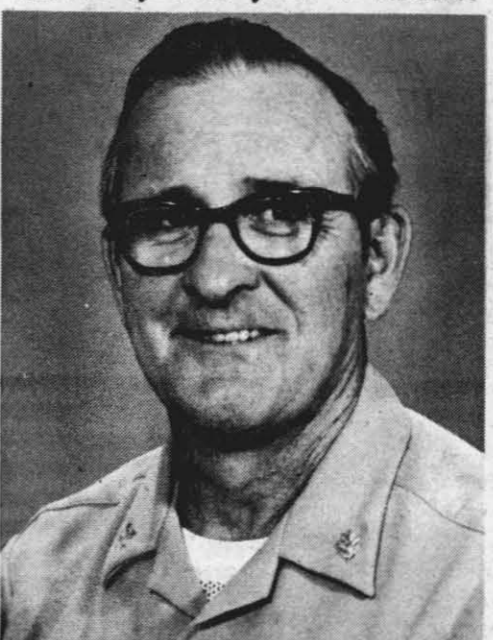
A 14-year veteran of previous duty with the Navy Medical Corps, Capt. Taylor has just rejoined the Navy following 10 years of private practice in orthopedic surgery at the Laramie County Memorial Hospital and the DePaul Hospital, both in Cheyenne, Wyo.

The new senior medical officer at China Lake replaces Capt. Wayland Bennett, who retired this past June 20.

Capt. Taylor began his medical career by serving for just over three years as a pharmacist's mate in the Navy during World War II. Following his discharge in April 1946, he was a pre-med student at the University of Wyoming in Laramie for three years prior to enrolling at the University of Colorado's School of Medicine in Denver.

Upon receiving his MD degree in 1954, he joined the Navy as a medical intern at Oak

Knoll, the U.S. Navy Hospital in Oakland, Calif., where his year-long internship was followed by three years of residence



Capt. Robert W. Taylor

training in orthopedics.

Additional training in the field of pediatric orthopedics followed at the Shriners' Hospital in Greenville, N.C., and at the Duke University Medical School in Durham, N.C., before Capt. Taylor was transferred to the Naval Hospital in Yokosuka, Japan, where he practiced orthopedic surgery for 3½ years.

Before leaving the Navy for 10 years of private practice in Cheyenne, Capt. Taylor also was on the medical staff of the Naval Hospital in Bethesda, Md., as an orthopedic surgeon for two years.

The new senior medical officer at the Naval Weapons Center was accompanied to China Lake by his wife, Joyce, and a son, Neal, who is a senior in high school. Another son, Gregg, is enrolled in the freshman class at the Creighton University Medical School in Omaha, Neb.

When he is not busy with his medical duties, Capt. Taylor, who has a private pilot's license, likes to fly and also enjoys fishing as a form of relaxation from his everyday duties.



2 OFFICERS PROMOTED TO COMMANDER — Ronald Hinkel (at left) and James R. Darwin, who have been promoted to the rank of commander, are shown with RADM. R. G. Freeman III, NWC Commander, as he presented them their distinctively-marked new head gear during a ceremony held in his office. Cdr. Hinkel reported here as the Air Weapons Officer in the Air Weapons Department in November 1973 from duty at the Cranfield Institute of Technology in England. A Navy officer since 1956, he is now the Air / Surface Systems Officer in the Weapons Department. Cdr. Darwin reported for duty as Surface Weapons Systems Officer in the Surface Missiles Department (now Weapons Department) in March 1973. He served aboard the guided missile destroyer U.S.S. Hoel prior to coming to NWC. He has been in the Navy since 1959. —Photo by Ron Allen