

### Wolverines Classic Jazz Orchestra kicks off Concert Ass'n 1978-79 season Tuesday

The Indian Wells Valley Concert Association's 1978-79 season will get off to a lively start on Tuesday night at 7:30 at the Naval Weapons Center theater with a program by the Wolverines Classic Jazz Orchestra.

The theater box office will be open on Monday from 4:45 to 6 p.m., and on Tuesday from 4:45 to 7:15 p.m. for the sale of either season tickets for the entire series of six concerts that have been scheduled between now and the end of next March, or single admission duets for the season opener.

The Wolverines Classic Jazz Orchestra, a 12-member group led by Ted Unseth, is the product of 5½ years of concentrated exploration into the history of jazz.

The musicians, who come from a wide variety of training and musical backgrounds (folk, rock, bluegrass, contemporary, jazz and classical music) have transcribed more than 60 arrangements from old 78 rpm recordings, most of which are no longer available in published form.

Initially there were seven musicians, led by Unseth, who decided to take a crack at playing musical selections that were on the popularity charts in the 1920s. They used whatever instruments were available at the time, which happened to be three guitars, two saxophones, an electric bass and violin.

One thing led to another — a banjo replaced the guitars, a tuba replaced the electric bass, piano and drums were added, then a third reed instrument, a vocalist, one trumpet, one trombone, then finally another trumpet and another trombone were settled upon as the "right" combination for the group.

Over the 5½ years of its existence, the band has developed a large and ardent following which is continuing to grow rapidly with each new tour, engagement and concert. Last year (1977) was an ex-

### Landscape painting presentation slated

A talk and demonstration on landscape painting will be presented at the next meeting of the Desert Art League, which will be held on Monday, starting at 7:30 p.m., at the Community Center.

The guest speaker and artist will be William Pallath, of Yucaipa, Calif., who switched from a career as an aeronautical engineer to full-time painting. One of his works of art, his painting of a favorite swimming hole in Grand Rapids, Mich., was presented to Gerald Ford during the time he was President of the United States.

Guests are welcome to attend the Desert Art League's first meeting of the fall season. Special event passes will be issued at the NWC main gate to off-center visitors who wish to attend.



**LUAU FESTIVITIES**—Centerites were treated to their second luau in less than a month last Friday when the Commissioned Officers' Mess staged its annual Polynesian extravaganza. In the top two photos (left to right), the Thealani dancers perform the show's finale and their fast Tahitian specialty number. In the bottom row (from left) Big Mama does her comedy act, a dancer swings to disco music played by the group's island musicians and a lava-lava clad "kane" does a Samoan fire dance. —Photos by Ron Allen

citing and promising one for the Wolverines, who began it by performing for President Jimmy Carter at his Inaugural Ball and making a successful New York City debut at the Riverboat Cabaret, which is located in the Empire State Building.

Among the selections that will be played during Tuesday night's concert at the Center theater will be Cab Calloway's "Bugle-Call Rag" (1931), Paul Whiteman's "Anytime, Anyday, Anywhere" (1920), Duke Ellington's "Mood Indigo" (1933), Count Basie/Billie Holiday's "Swing Brother, Swing" (1937), and the Ted Wilson-Billie Holiday rendition of "I Cover the Waterfront" (1941).

Single admission tickets for the Wolverines Jazz Orchestra program are priced at \$6 each for general admission, or \$4 for enlisted military personnel, those under 21 years of age, and senior citizens 65 years of age and over.

Season tickets for the outstanding lineup of six concerts, which can be obtained at a 40 percent savings compared to the cost for single admission tickets to each of the programs, are also being sold and can be ordered by calling 375-5600 at any time.



**Commissioned Officers' Mess**  
Next Friday is Membership Night at the Commissioned Officers' Mess, and the "Sounds of Country" will play for members attending this popular monthly event.

The country-rock music group will play for patrons' dancing and listening pleasure from 8 p.m. to midnight. There is a nominal \$3 charge for dinner and the night's entertainment.

The COM's dining room will feature a special menu prior to the performance of the "Sounds of Country."

**Chief Petty Officers' Mess**  
Mike Shad and Ron Thompson will perform tonight for the first time at China Lake from 9 p.m. until 1 a.m. at the Chief Petty Officers' Mess.

The two-man instrumental guitar combo, backed up with drums, first gained nationwide attention on the Gong Show a favorite program of many TV viewers. The locally popular group specializes in soft rock, but their repertoire runs the gamut to hard rock.

Their performance will be preceded by the club's Friday night dining room special: prime rib of beef or Icelandic cod from 6 to 9 o'clock.



**WOLVERINES REVIVE JAZZ**—Music lovers who attend Tuesday night's opening program of the IWV Concert Association's 1978-79 season will be transported back 50 years in time (musically) by the Wolverines Classic Jazz Orchestra. Special-event passes will be available at the Naval Weapons Center gates for concert goers who wish to attend this program, which will get underway at 7:30 p.m.

### '78 Desert Empire Fair to open Wednesday for 5-day run at fairgrounds in Ridgecrest

The 28th annual Desert Empire Fair, now in its fifth year under the auspices of the 53rd Agricultural Association, will begin a five-day run next Wednesday, Sept. 27, at the fairgrounds in Ridgecrest.

Highlights of this year's celebration will include a parade along N. China Lake Blvd. on Saturday, Sept. 30, and entertainment on the outdoor stage at the fairgrounds by country and western music star Mollie Bee on both Saturday and Sunday afternoons and evenings.

The fair, which also will feature a full gamut of midway rides and attractions brought here by Butler Amusements of San Jose, will open at 5 p.m. on Wednesday with a flag raising ceremony conducted by the NWC Sidewinder color guard.

MOVIES

(G) ALL AGES ADMITTED  
General Audiences  
(PG) ALL AGES ADMITTED  
Parental Guidance Suggested  
(R) RESTRICTED  
Under 17 requires accompanying  
Parent or Adult Guardian

Regular starting time—7:30 p.m.

**FRIDAY** Sept. 27  
"Sister Streetfighter" (87 min.) A woman martial arts expert from Hong Kong searching for her Chinese narcotics agent brother in Tokyo is joined by two Japanese friends as she pursues an Oriental mob leader. They karate-chop their way through a series of encounters with a band of cutthroats. The film stars Sonny Chiba and Sue Shiomi. (Drama, rated R)

**SATURDAY** Sept. 28  
1:30 p.m. Matinee  
"Pete's Dragon" (129 min.) Disney magic is served up in this delightful comedy with music and partial animation. Helen Reddy heads the live action performers, followed by young Sean Marshall, Mickey Rooney and Shelly Winters. Elliot, the sometimes invisible dragon, is given voice by Charlie Callas. (Musical comedy, rated G)

"Take All of Me" (98 min.) A has-been pianist in his '40s, Richard Johnson, meets Pamela Vincent, a young girl searching for her lost father. They fall in love and her inspiration lifts Johnson from the pit of failure. Unfortunately, she is suffering from a fatal illness which reaches the terminal stage just as he is about to launch a renewed career. (Drama, not recommended for younger children)

**MONDAY** Sept. 29  
"Pete's Dragon" See synopsis above.

**TUESDAY** Sept. 26  
First concert of the season presented by the Indian Wells Valley Concert Ass'n. The Wolverines Classic Jazz Orchestra, 7:30 p.m.

**WEDNESDAY & THURSDAY** Sept. 27 & 28  
"High Anxiety" (101 min.) Psychiatrist Mel Brooks, who suffers from high anxiety himself, takes over as head of a hospital for neurotics. In this Alfreed Hitchcock classic, Brooks is confronted by a conspiracy between the head nurse and another resident physician. (Comedy, rated PG)

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Program subject to change without notice. For further information call NWC ext. 3097 or ext. 2411.

Admission to the fairgrounds is 50 cents for all except children 12 years of age and under, who will be admitted free.

Special events scheduled on the opening night are the Little Miss Ridgecrest contest, which is open to girls 7 to 9 years of age, and a western dress contest in which prizes will be awarded to families, couples and individuals.

**Entries Still Being Accepted**  
Completed entry forms for the Little Miss Ridgecrest contest, which is being conducted under the chairmanship of Billie Dixon, are still being accepted and can be turned in at the DEF office on the fairgrounds.

In addition to the carnival rides, which will include a section for tiny tots as well as such major attractions for thrill-seekers as the Zipper, Flying Bob, Sizzler, and Loop-o-Plane, the midway also will be dotted with a number of booths offering food and refreshments that will be operated as fund-raisers by local clubs and organizations.

Making the rounds of the food and refreshment stands, fairgoers will find an ample variety of items to alleviate any hunger pangs brought on by the exhilaration of getting into the swing of things at the annual celebration. The local organizations and the booths they will operate include:

Kiwanis Club of Ridgecrest, pizza pie and soft drinks; Eagles Lodge, Mexican food; the Knights of Columbus and Moose Lodge, with their "Knightburgers" and "Mooseburgers"; the IWV Lions Club, corn on the cob and dinner salads; the Fleet Reserve Association, ice cream; National Association for the Advancement of Colored People, fried chicken dinners; and beer booths operated by the Ridgecrest Chamber of Commerce and the Fleet Reserve.

**Exhibit Bldg. To Be Packed**  
Joshua Hall, the main exhibit building on the fairgrounds, will be packed with booths at which more than 60 exhibitors will be displaying a wide variety of commercial products, and politicians seeking election or re-election in November will be out to greet the public.

In addition, fairgoers will be invited to inspect prime examples of local area residents' culinary skill, sewing ability, arts and crafts work and agricultural or horticultural entries that also will be displayed in Joshua Hall.

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From: \_\_\_\_\_

PLACE  
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HERE

To: \_\_\_\_\_

### Plans discussed for Combined Fed'l Campaign

Combined Federal Campaign department representatives last Friday discussed preliminary plans for this year's fund drive during a meeting at Michelson Laboratory. Capt. W. B. Haff, military co-chairman of the drive, told the 23 representatives present that the success of the campaign rests on their shoulders and encouraged them to get behind the drive, which begins Oct. 2.

Two motion pictures and a photographic slide presentation were shown during the meeting, and the representatives received publicity materials and printed information on the campaign.

**Goal Set at \$120,000**  
The campaign will run through the month of October and may be extended if the goal of \$120,000 is not achieved, Capt. Haff said. NWC will be joined by the two other Federal agency activities located in Indian Wells Valley — the local offices of the U.S. Post Office and the Bureau of Land Management.

During the campaign, both civilian employees and military personnel will be encouraged to contribute. The drive will be under the co-chairmanship of Capt. Haff and F. H. Knemeyer, head of the Weapons Planning Group.

Last Friday's meeting followed an earlier one by this year's campaign officials. Besides Capt. Haff and Knemeyer, they are Loretta King, treasurer, and Dan Tikalsky, publicity chairman.

**\$110,000 Raised Last Year**  
Last year, the campaign netted just over \$110,000 but fell short of the goal of \$120,000. More than half of the money collected remained in Indian Wells Valley to support local agencies funded by the United Way. Donors may designate the agencies they wish their contributions to support.

Besides the United Way, the CFC drive collects money for the National Health Agencies and the International Service Agencies.

Each year, the Naval Weapons Center, in conjunction with the local Post Office and now the BLM office, collects funds designated for these national and local voluntary health and welfare agencies and groups.

The agencies are approved by the U.S. Civil Service Commission for on-the-job solicitation. They are:

International Service Agencies — the International Human Assistance Program, (Continued on Page 3)

### AT2 Carver selected as NWC Bluejacket of Month

Aviation Electronics Technician Second Class Janece Carver has been named as the Naval Weapons Center's Bluejacket of the Month for August.

Nominated by the NWC aviation electronics workcenter supervisor, AT2 Carver is the workcenter's training petty officer and a C131 Globemaster flight engineer.

In the letter nominating her for the award, she was cited for her "eagerness to lead and assist" and the many hours both on and off duty that she spends maintaining her aircraft.

"As the workcenter training petty officer, she completed an effective Personnel Qualification Standard publication that is presently in use to insure proper professional and on-the-job training," the nominating letter states in part.

"Carver's congenial disposition is a definite encouragement to high morale. Her willingness to help others is always evident both on and off the job," it continues.

AT2 Carver enlisted in the Navy in 1974 and underwent recruit training at the Naval Training Center, Orlando, Fla. She signed up under the Navy's guaranteed school program and attended AT "A" school at the Naval Air Technical Training Center, Memphis, Tenn., graduating with the rate of AT3.

She was assigned to the Naval Weapons Center in May 1975 and applied for duty here as a C131 flight attendant.



Naval Weapons Center  
China Lake  
California

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### Navy Meritorious Civilian Service Award presented to Schaniel on behalf of ex-GNM

Carl Schaniel, a long-time employee of the Naval Weapons Center, on Monday was the recipient of a Navy Meritorious Civilian Service Award that was presented to him on behalf of Admiral F. M. Michaelis, former Chief of Naval Material.

The presentation, which included a framed citation, a personal letter from Admiral Michaelis, and a lapel pin, was made to Schaniel, head of the Ordnance Systems Department, by Robert M. Hillyer, NWC Technical Director, during the weekly Commander's meeting.

Schaniel was commended for his efforts from February through June 1978 during which time he conducted a special, comprehensive analysis of Naval Material Command/Naval Intelligence Command relationships and the methods of producing and using scientific and technical intelligence.

**Basis for Selection**  
It was noted in the letter from Admiral Michaelis to Schaniel that when it was determined such a study was desirable, the decision was made to select Schaniel because of his in-depth knowledge and experience in the laboratory environment, as well as because of his thorough familiarity with the Navy's intelligence organization.

The study called for gathering and examining large amounts of data pertaining to the management of security clearance accesses, internal Naval Intelligence Support Center (NICS) production procedures and methods of obtaining external assistance.

"Through a vigorous examination of complex data, you developed practical plans for optimizing resource usage and enhancing management of threat intelligence which will achieve major improvements in intelligence support for research, development, test and evaluation, and foster full utilization of research and

development centers in intelligence exchange," Admiral Michaelis wrote.

The former Chief of Naval Material also complimented Schaniel on "the professional manner in which you conducted this objective and important appraisal of a complex situation."

Schaniel's background for the work on which the Navy Meritorious Civilian Service Award was based included serving for 12 years as head of the Weapons Planning Group at China Lake.

In March 1977 he was chosen to participate in a new program of career development for senior management personnel at NWC, and left here the following June for an executive training rotational assignment in the Office of the Deputy Director (Tactical Warfare Programs) — a part of the Office of the Director of Defense Research and Engineering (DDR&E).

During his year in the nation's capital, Schaniel was assigned a variety of duties in DDR&E in order to broaden his perspective of the issues involved in research and development management of tactical mission areas, and related research, (Continued on Page 4)

**Some Centerites must file financial interest statements**  
Each year, the Department of the Navy requires civilian employees who are GS-13s and above and military personnel with the rank of commander and above to file a Confidential Statement of Employment and Financial Interests (DD Form 1555).

This is a requirement in the case of those whose basic duties involve responsibilities in making a decision or action on behalf of the government which ultimately may have a significant economic impact on the interests of any non-Federal entity.

As a prelude to the annual filing of DD Form 1555, briefings have been scheduled at 1:30 and 3 p.m. on Tuesday in Conference Rm. 1000D, Michelson Laboratory, and at the same times next Thursday, Sept. 28, in Conference Rm. 1 of Lauritsen Laboratory.

The briefings will be conducted by Loyal Blackwood, Naval Weapons Center Counsel, and by Cdr. Marv Cowell, the Center's Staff Judge Advocate.



**EXCEPTIONAL PERFORMANCE ACKNOWLEDGED**—Carl Schaniel, who is now head of the Ordnance Systems Department, this past Monday received a Navy Meritorious Civilian Service Award that was presented to him on behalf of Admiral F. M. Michaelis, former Chief of Naval Material. The presentation, which took place during the weekly Commander's meeting, was made by Robert M. Hillyer, NWC Technical Director. —Photo by Ron Allen

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The briefings will be conducted by Loyal Blackwood, Naval Weapons Center Counsel, and by Cdr. Marv Cowell, the Center's Staff Judge Advocate.

All civilian GS-13s and above and military officers with the rank of commander or above are encouraged to attend one of the briefings. Other interested NWC personnel also are invited to attend.



AT2 Janece Carver



PATENT COUNSEL RETIRES — As a memento of his more than 25 years of Federal service (which included 12 years as Patent Counsel at the Naval Weapons Center), Roy Miller (at left), last Friday was the recipient of an NWC plaque that was presented by Capt. F. H. M. Kinley, NWC Vice Commander.

### Roy Miller, Patent Counsel at China Lake for 12 yrs., retires

The Naval Weapons Center's Patent Counsel, Roy Miller, retired last Friday, Sept. 15, after more than 25 years of Federal Service, of which 18 has been as a Navy patent attorney.

He was honored on Sept. 13 with a farewell dinner at the Enlisted Mess by the friends he has gained during his 12 years here. He reported to China Lake in the spring of 1966 after a year in a professional development program at the Office of Naval Research in Washington, D.C.

As Patent Counsel, he has advised the Command on all matters concerning patents, trademarks, and copyrights, as well as contract rights, clauses and data policy.

He began his Federal Service as an enlisted Marine during the Korean War and Seminar on stress reduction slated

A stress reduction seminar, arranged by Lynn D. Lacey, NWC's Employee Assistance Program advisor, will be held on Sept. 27, from 11:30 a.m. to 12:30 p.m., in Cactus Hall at the Community Center.

The guest speaker for this lunch-hour activity will be Connie Anderson, executive governor of the Indian Wells Valley Transcendental Meditation Center.

Her subject will be "Crisis of Modern Life," and she will also present a videotape entitled "A New Fringe Benefit," which describes the experiences of a Cleveland, Ohio, company with Transcendental Meditation.

Ms. Anderson will discuss the benefits of TM as a method of reducing stress and increasing awareness. All interested persons are invited to attend the stress reduction seminar next Wednesday.

received training as a radio repair specialist. After four years in the service, he was discharged in 1952 and entered the University of Washington at Seattle. He was graduated from that school in 1956 with a BS in mechanical engineering.

While employed as a patent examiner for the U.S. Patent Office in Washington, D.C., Miller attended George Washington University Law School evenings and received an LL.B. in 1960. After graduation, he began his career as a Navy patent specialist with the Naval Electronics Laboratory in San Diego that same year.

After five years with NEL, he was assigned to the Bureau of Weapons-sponsored professional development program at the Office of Naval Research in Washington, D.C. Following a year in that assignment, he was employed by NOTS, China Lake.

Miller was a charter member of the board of directors of the California Patent Law Association, a position he held until resigning in September of last year.

He is a member of the California Bar and has been admitted to practice before the Supreme Court of the United States, the U.S. Court of Customs and Patent Appeals, the U.S. Court of Claims and the Supreme Court of the State of California.

Miller has no immediate plans for the future other than that he is moving to San Diego, where he has an apartment.

A bachelor, he is active in sports. His hobbies are skiing, scuba diving and sports car racing; he has been active locally in tennis and other organized sports.

No replacement for Miller has been named. Patent Advisor Thom Skeer will temporarily assume the duties of Patent Counsel and management of the Office of Patent Counsel, which last year processed 92 patent applications and 145 invention disclosures.

### 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 452, Ext. 2889. 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.

**Mechanical Engineer, GS-8367/9/11/12, PD No. 7732907-1E, Code 3555** — This position is that of a project engineer in the Special Projects Branch of the Electromechanical Division, Fuze Department. Duties will include planning and direction of the development of rocket motor arming-firing devices for current and future guided missile rocket motors. Job Relevant Criteria: Knowledge of small mechanisms and material properties; knowledge of explosives and pyrotechnics; ability to work closely with other engineers, technicians, other government agencies and contractors; demonstrated abilities to communicate effectively both orally and in writing.

**Police Officer (Instruction), GS-0837, PD No. 764015N, Code 2412** — The incumbent is responsible for developing and maintaining the police operations training program. He will establish and administer programs in the areas of recruit training, advanced in-service training, continual training for experienced officers, specialized in-service training, supervisory training and management and organizational development for all Police Operations personnel. Job Relevant Criteria: Knowledge of law enforcement procedures and practices. Knowledge of State laws pertaining to criminal activities and motor vehicles. Experience as an instructor or in a capacity of providing instruction. Ability to establish and administer a program. Ability to communicate effectively both orally and in writing.

**Security Specialist, GS-0804/9/11, PD No. 7724028E, Code 2402** — This position is that of security specialist located in the Classification Management Program Office of the Safety and Security Department. The incumbent serves as classification manager and is responsible for coordinating, formulating, originating, maintaining, interpreting and implementing classification and declassification of information pertaining to all programs assigned to and conducted by the Naval Weapons Center. Job Relevant Criteria: Knowledge of security administration as it relates to the classification of information; ability to organize and accomplish a variety of simultaneous projects; ability to communicate effectively in writing; ability to interact effectively with people at many management, technical and administrative levels.

**Electronics Technician, GS-854-11, PD No. 7835031N, Code 3553** — This position is located in the Threat Radar Evaluation and Test Branch, Countermeasures Division, Electronic Warfare Department. An incumbent will direct (as a crew chief) main tenance and operation of a radar system, be responsible for the performance of the overall system with respect to test schedules and test requirements, and work with engineers in development of modifications to the radar. Job Relevant Criteria: Recent experience in maintenance and operation of threat radar simulators. Potential to demonstrate ability to technically direct subordinates. Knowledge of ECM and ECCM techniques. Experience with configuration management and its implementation. Demonstrated ability to work effectively in stressful situations. Demonstrated ability to be dependable and reliable in work habits.

**Administrative Assistant, GS-341-5, PD No. 7835148N, Code 3586** — This position is in the HARM/Standard ARAM Technical Management Office, Electronic Warfare Department. An incumbent is responsible for work in preparing/submitting budgets, personnel actions, and in contract administration. Other general administrative duties involve the plant account, preparation of presentation material, office facility requirements, security clearances, safety and the preparation of the HARM monthly report. Job Relevant Criteria: Knowledge of work areas common to administrative assistant position which must include: financial management, contract administration, security, plant account, facilities, and safety. Knowledge of Center administrative procedures, observed ability to work effectively with others in a variety of situations. Ability of clear oral and written expression. (Provide samples of writing). Promotion potential to GS-7.

**Electronics Technician, GS-854-9/10, PD No. 7835146N, Code 3551** — This position is located in the EW Projects Office, Code 3551, Countermeasures Division, Electronic Warfare Department, with duty station in the Echo Range Flight Support Facility at Armitage Field. Duties include operating, aligning, calibrating, and repairing one-of-a-kind airborne electronic beacon reference systems that are used in the test and evaluation of electronic warfare devices and tactics. The incumbent must establish and maintain compatible electronic interfaces on assigned beacon/radar subsystems and assist in providing technical expertise to project engineers responsible for modifications to beacon/radar systems. Job Relevant Criteria: Knowledge of radar/beacon subsystem design. Experience in using test equipment including RF sweepers, spectrum analyzers, frequency synthesizer, and digitally controlled test equipment. Demonstrated

(Continued on Page 7)

### Ltjg. Kasper named as new head of Aviation Supply Div.

On Sept. 15, Ltjg. Michael J. Kasper took over the duties of head of the Supply Department's Aviation Supply Division, replacing SKC A. B. Mariano who is being reassigned to other responsibilities here.

Ltjg. Kasper will continue as Air Test and Evaluation Squadron Five's Project Funds Monitor, a post he has held since reporting to China Lake last March.

The Aviation Supply Division is responsible for the support of 67 aircraft assigned to China Lake: 24 to NWC, 18 to VX-5 and 25 pilotless target aircraft.

Ltjg. Kasper was commissioned an ensign in the Supply Corps on May 21, 1975, after completing Naval Officer Candidates' School at Newport, R.I. He then attended Supply Officers' School at Athens, Ga., and was subsequently assigned to duty as disbursing officer aboard the amphibious cargo ship USS Durham.

Following two years of duty in the Durham, he returned to Supply Officers' School to attend a course in Joint Aviation Supply Material Maintenance.

### English classes set

Classes in conversational English, reading, writing, and citizenship preparation for foreign-born local residents are now being offered on Thursdays, from 9 to 11:30 a.m. in the All Faith Chapel's Annex No. 4.

No fee is charged for the classes, and wives of military personnel are especially invited to attend.



### DIVINE SERVICES

**PROTESTANT**  
Sunday Worship Service 1015  
Sunday School—All Ages 0900  
Sunday School Classes are held in Chapel Annexes 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  
Saturday 1700 fulfills Sunday obligation  
Sunday 0830 1130  
Nursery, Chapel Annex 1 0815 1245  
Daily except Saturday, 1135, Blessed Sacrament Chapel

**CONFESSIONS**  
Daily 1115 to 1130  
Saturday 1615 to 1645  
Sunday 0800 to 0825

**RELIGIOUS EDUCATION CLASSES**  
Sunday First thru 4th grades 1015  
Sunday Pre-school & kindergarten 1115  
Sunday seventh & eighth (Junior High) 1900  
Above classes are held in the Chapel Annexes across from the former Center Restaurant.  
Sunday evening Ninth thru 12th grades AS announced  
"In Home" Discussion Groups Youth Rallies  
Contact Chaplain's Office for specifics.

**JEWISH SERVICES**  
EAST WING—ALL FAITH CHAPEL  
Sabbath Services every Friday 1930

**UNITARIANS**  
CHAPEL ANNEX 95  
Services—(Sept. May) 1930



Ltjg. Michael J. Kasper

## The Rocketeer

Official Weekly Publication  
Naval Weapons Center  
China Lake, California

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NWC Commander

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Technical Director

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Staff Photographer

NAVAL WEAPONS CENTER  
NWC  
CHINA LAKE, CALIFORNIA

**DEADLINES**  
News Stories Tuesday, 4:30 p.m.  
Photographs Tuesday, 11:30 a.m.

The Rocketeer receives American Forces Press Service material. All are official U. S. Navy photos unless otherwise identified. Printed weekly with appropriated funds by a commercial firm in compliance with NPP-R P-35, revised January 1974. Office of Nimitz and Lauritsen. Information published in the Rocketeer does not necessarily reflect the official views of the Department of Defense. Information in The Rocketeer is authorized for public release by the Office of the Commander, Code 003.  
Phones 3354, 3355, 2347

### Ace Realty leads Premier League bowlers by 1 game

The Ace Realty kegglers moved a game in front of the pack in the second week of competition among bowlers vying in the Premier League.

Close on the heels of the league leaders, who have a 5-1 record, are three teams all with identical records of 4-2. They are the Raytheon Sidewinders, Columbia 300 and the Elks Lodge.

High team game honors on Monday night went to the Best Realty bowlers, who rolled at 1,068, while the high team series (2,889) was posted by the Raytheon Sidewinders.

Art Karrer's three-game series of 620 was high for the night. Others who topped the 600 series mark, and their scores, were: Duane Blue (614), Mike Dowd (610), George Barker (609), Benny Whiteside (606) and Jim Bradberry (602).

Whiteside's single game total of 246 was tops on Monday night. Other Premier League bowlers who rolled single games with scores in excess of 220 were:

Pat Nalley (237), Dick Reymore (234), Barker (233), Glen Collins (230), Dowd (225), Dave Vander Houwen and Jim Dillon (224), Bradberry (223), and Karrer (221).

In addition, Dick Schweitzer rolled a triplicate — three games all with the same score of 193 each.

### Junior Bowling League registration still open

Registration is still being taken at Hall Memorial Lanes for the coming season of Junior Bowling League competition which will begin on Saturday, Oct. 7.

There is a registration fee of \$1.25 for joining the American Junior Bowling Congress. This is the only charge over and above the regular rates for junior bowlers.

The Junior Bowling League will be divided into the following divisions: Little Giants, for boys and girls 8 years of age and under; Bantams, 9 through 11 years of age; Juniors, 12 through 14; and Seniors, 15 through 21 years old.

### Robinson Memorial Golf Tourney slated...

(Continued from Page 6)  
portunity to play golf to compete on a fair basis.

It is also noteworthy that this is the only major local tournament where the teams may be mixed. That is, a team may be composed of two men, two women, or one of each.

This best-ball-of-partners tournament has proven to be among the most enjoyable golfing experiences of the year.

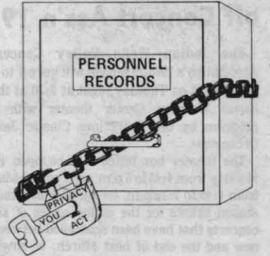
The \$25 donation to play in the tournament will include several dollars worth of tee prizes, dinner, and a dance at the Commissioned Officers' Mess on Saturday night, Oct. 7.



11th ND HORSESHOE CHAMPS — AMS1 Danny Carlson (at left) and RMCS John Salyers placed first and second, respectively, in the singles and teamed up to win the doubles competition in the 11th Naval District's horseshoe pitching tournament held Sept. 11 through 15 at the North Island Naval Air Station in San Diego. AMS1 Carlson is a quality assurance representative in the Aircraft Department's Quality Assurance Branch, while RMCS Salyers is NWC's assistant communications officer. AMS1 Carlson shot as high as 80 percent ringers in some games, and averaged a little better than 50 percent for the entire tourney. Chief Salyers estimated that his efforts resulted in ringers on around 40 percent of his tosses. Carlson successfully defended his 11th ND horseshoe tossing singles championship which he won in 1977, after placing second in this event in 1976.

# What you should know about the Privacy Act

Fourth in a Series  
by Nancy Cleland  
Privacy Act Coordinator



This is the final segment in my series of articles on the Privacy Act. This article is intended to answer questions on the Act which have been asked during the past several weeks. Questions and answers are as follows:

**Question:** Why am I not allowed access to the information contained in my security background investigation?

**Answer:** Certain designated records systems are exempt from the requirement that employees must be allowed access to their records. This particular system of records is exempt from the access requirement because the records contain information considered necessary to make a determination as to suitability for Federal employment or access to classified information; and the information was obtained by providing assurances to the source that his or her identity would not be revealed to the subject of the investigation.

**Question:** May supervisors maintain personnel-type records (such as copies of promotion actions, awards, disciplinary actions, etc.) in a file cabinet in their own office?

**Answer:** One of the Privacy Act regulations requires that employees must be allowed access to and amendment of (if appropriate) most of the records maintained on them. In the event that a particular record maintained by the Personnel Department was amended by the Personnel Department it would be impossible for Personnel Department employees to know who else might be keeping copies of these records. Thus, the potential for a problem exists whereby a supervisor, by using the copies he or she maintains, could make a decision on an employee using erroneous information. The risk of unauthorized disclosure is also present. Thus, my official advice would be for supervisors to rely on official personnel files for maintenance of personnel-type records on employees.

**Question:** Many departments, divisions, and branches on the Center maintain a listing of their employees which includes name, home address and phone number, payroll number, Social Security number, service computation date, date and

place of birth, or names of family members. Is this considered a system of records?

**Answer:** Yes, these listings are an extension of an umbrella-type system of records entitled "Organization Locator and Social Roster." Thus, departments may keep these listings. However, care should be taken to safeguard the information against unauthorized disclosure. Also, when the information is initially collected from the employee, the employee should be given a Privacy Act Statement. The information must also be maintained in an accurate manner.

**Question:** What information can the Naval Weapons Center provide to the Internal Revenue Service (IRS) without having a "court-approved" subpoena?

**Answer:** No personal data (except that which may be released under the Freedom of Information Act) may be released to IRS without the prior written request or consent of the employee involved, unless the disclosure falls within one of the 11 exceptions (see Rocketeer article No. 3 published Sept. 8, 1978, for exceptions). One of these exceptions is that disclosure may be made in response to an order from a court of competent jurisdiction.

**Question:** If the Center does receive a subpoena from IRS for personal information, is the employee given a chance to argue against the release of the information in court prior to the data being released?

**Answer:** No, the Center must release information to the requesting entity or individual upon receipt of a court order. However, when the information is released under compulsory legal process and the issuance of the court order is made public by the court which issued the order, the activity must make a reasonable effort to notify the employee whose records were released and inform the employee as to whom the records were released and the nature of the information released. Disclosure accountings must be maintained for records released as a result of a court order.

### Promotional Opportunities...

(Continued from Page 2)

ability to work well with others under a variety of situations. Experience in aircraft avionics systems desired. Promotion potential: GS-11.  
**Code 3557** — This position is located in the Foreign Technology Branch, Countermeasures Division, Electronic Warfare Department. An incumbent, individually and/or as part of a team, is involved in Foreign Material Evaluation (FME), Foreign System Analysis and Foreign System Synthesis. Job Relevant Criteria: Experience in field of radar electronic and microwave systems. Experience in design and testing of electronic circuits, and in the overhaul, maintenance and operation of ground-based fire control radars. Working knowledge of foreign electronic/electronic hardware technology (past and present). Ability to read Russian well enough to use untranslated literature involved in above work.

File applications for the above with Charlotte Sieckowski, Bldg. 34, Rm. 208, Ph. 3118.

**Electronics/Mechanical Engineer, GS-855/830-11, PD No. 7834099E, Code 3482** — (2 vacancies) Applications will be accepted from both current Navy employees and status eligibles. Position is located in the Quality Assurance Branch, Product Assurance Division, Engineering Department. Incumbent provides technical support, using his knowledge of electronic and mechanical design, to the government quality assurance representative at contractor's plants in interpreting contracts, drawings or specification quality assurance requirements, establishing government inspection requirements, and resolution of problems or deficiencies. Job Relevant Criteria: Incumbent should be knowledgeable in all quality assurance disciplines and be able to comprehend technical design requirements required for electronic and mechanical products. Promotion potential: GS-12.

**Logistics Management Specialist, GS-346-7, PD No. 7834171N, Code 3444** — This is a developmental position. The incumbent will perform as an assistant to a higher grade specialist (ILS manager). In this capacity, he/she will assist in the preparation of ILS management plans, in making logistics tradeoff decisions during the design process, and in assuring that the inputs of personnel responsible for specific parts of logistics plans accomplish their work in accordance with established procedures. The incumbent may be promoted non-competitively upon successful demonstration of the ability to perform at the GS-9 level. Job Relevant Criteria: Working knowledge of various elements of ILS plan; familiarity with missile systems development from concept formulation through Fleet use; ability to make level of repair and life cycle cost determinations; to communicate effectively in writing, and to collect information needed for ILS plan development. Promotion potential: GS-11.

**Equipment Specialist (Missile), GS-1470-11, PD No. 7836040-1E, Code 3655** — Position is located in the Engineering Department, Technical Data Division, Logistics Documentation Branch. Incumbent manages the logistics supply support for complete weapons subsystems. Assists in preparing the supply support section of the Integrated Logistics Support (ILS) plan and serves as element manager for supply support on the ILS team for various weapon components. Incumbent is responsible for providing technical direction in research, writing, data programming, and publishing of formal and informal provisioning data, and for determining and publishing integrated logistics support planning on complete weapons and equipment systems. Is responsible for training government and contractor personnel in the provisioning and logistics approach dictated by a particular weapon system and/or contract specification requirements. Incumbent maintains close liaison with management personnel at Naval Air Force activities and contractor plants. Job Relevant Criteria: General engineering knowledge and understanding of air-launched missiles, conventional free-fall weapons, and electronic and mechanical ground support equipment. General background in logistics planning and parts provisioning, with experience in the practical applications of this knowledge. A broad knowledge of engineering drawings and military specifications and standards is required. Promotion potential: GS-12.

File applications for the above with Janet Thomas, Bldg. 34, Rm. 204, Ph. 2925.

**Machinist, WG-3414-10/11, JD No. 278, Code 2372** — This position is located in the Propellants Branch, Propulsion Systems Division, Ordnance Systems Department. Incumbent performs non-routine machine work in the manufacture of experimental rocket and missile motors, igniters, or their components. Jobs are typically unique, involving unusual machining problems which require the incumbent to design and manufacture the specialized tooling required to perform a specific job. Independently determines the type of machines, tools, and techniques to use. Plans sequence of operation, machine setups, etc. Job Relevant Criteria: Ability to set-up and operate machine tools; knowledge of trade theory and technical practices; ability to interpret shop drawings, accomplish lay-out work and use measuring devices; skill in use of handtools and in fitting operations; knowledge of materials used in the trade; ability to do the work of the position without more than normal supervision.

File applications for the above with Mary Morrison, Bldg. 34, Rm. 216, Ph. 2392.

**Secretary (DMT), GS-318-5, PD No. 7839035N, Code 394** — This position is located in the Weapons Department, Electro-Optics Division. The incumbent provides a variety of duties for the division head such as maintaining and setting up appointments and meetings; receiving and screening visitors and phone calls; receiving, opening and filing correspondence; making travel arrangements; maintaining file-keeping and leave records; maintaining division files; receiving and returning classified documents; and typing memoranda and off-center correspondence. Job Relevant Criteria: Familiar with Navy correspondence format; ability to prepare official correspondence from notes, and to set up and maintain files; knowledge of English grammar and spelling. File applications for the above with Leah Reusche, Bldg. 34, Rm. 206, Ph. 2876.

## BHS gridders open 1978 season tonight at Bakersfield

How well do two controlled scrimmages prepare a team for meeting an opponent which has a victory in a regularly-scheduled contest under its belt, plus the advantage of five more days of regular practice sessions?

These are some of the kinds of the questions that will be answered tonight when the Burroughs High School varsity football team invades the territory of the Bakersfield High School Drillers for a non-league game that gets underway at 8 o'clock.

There also will be a preliminary contest starting at 5 p.m. between the Burroughs and Bakersfield High sophomore football teams.

The Burros' varsity gridders, who began their contact work for the season in pads and helmets on Sept. 2, had the first opportunity to test their mettle during scrimmages against opposing teams from Bishop and Mojave High Schools last Saturday morning and evening at the local high school athletic field.

Throughout the 90 minutes of play against their counterparts from Bishop High School, the Burroughs varsity grid squad outplayed the visitors by scoring three times and, for the most part, pretty well squelching the Bishop Broncos on offense.

On offense, each team began with the ball on its own 30-yd. line and was given 10 plays to see how far it could move before the ball changed hands.

A scrambling run by Quarterback Dave Paradise after he found all his potential receivers covered set up one touchdown for the Burroughs varsity. A 63-yd. gallop by Lee McDowell, who is expected to see a lot



**MAKES BIG PLAY** — Bishop High secondary men became well acquainted with Lee McDowell, speedy halfback for the Burroughs High School varsity grid team, as he frequently broke into the clear for good gains in last Saturday's scrimmage. While this photo shows him about to be stopped, McDowell scored one of the Burros' three touchdowns on a 43-yd. broken field run. —Photo by Ron Allen

of action for the Burros as a running back this season, accounted for another score for the local high school team.

The Burros, who were on defense at the outset of the scrimmage against Bishop, did

a good job of shutting down the visitors' attack during the first 10 times they had to try to move the ball, as well as throughout the remainder of the scrimmage.

On offense for the first time, the Burros recovered from a momentary setback due to a pass interception and proceeded to put together a 70-yd. drive for a touchdown.

Varsity coach Bruce Bernhardt and his staff had ample opportunity to put their charges through their repertoire of basic running and passing plays during the scrimmage against Bishop and, in the main, were pleased with the results.

Coach Bernhardt was especially impressed, he said, with the play of halfback McDowell, fullback Mark Gritton and quarterback Paradise.

In addition, the Burros' defensive platoon made things difficult for the Bishop Broncos throughout most of the time they were on the field. On the Bishop team's final offensive play, there was, however, a breakdown in pass coverage in the secondary that allowed a long gain to the Burroughs High 8-yd. line.

The Burroughs High football coaching staff was able to divide the Burros' 55-man varsity roster into two groups — one each to oppose the visitors from Bishop and Mojave in last Saturday's scrimmages. This allowed them to get a better look at more of their players under fire than would have been the case had just one scrimmage been scheduled.

Coach Bernhardt admitted that he kept his team pretty much "under wraps" in hope of surprising the Bakersfield Drillers in the season opener tonight.



## Youth Center soccer teams to play six games on Saturday

A full schedule of six games will launch the fall season of competition tomorrow morning among Youth Center Soccer League teams at Davidove Field.

Beginning at 8:30 a.m., two National Division teams (composed of fifth and sixth graders) will kick off the season, followed at 10 a.m. by a contest between the Sting and the Hurricane, two of the teams that are vying in the American Division (for third and fourth graders).

Other American Division games are scheduled to get underway at 11 a.m. between the Lancers and Rogues, and at 12 noon between the Strikers and Timbers.

Soccer matches also are slated among Pacific Division teams (for first and second graders), starting at 1 and 2 p.m. Opposing teams will be the Express and Rowdies at 1 o'clock, and it will be Sockers vs. the Earthquakes at 2 o'clock.

These will all be practice games. A record number of 180 youngsters were tried out for and been placed on 13 Youth Center Soccer League teams. There is still room on each squad for three or four more players.

Boys or girls who are interested in playing soccer can make arrangements to do so by calling Carol Hape, director of the Youth Center, at NWC ext. 3097, to request assignment to a team.

When each team has a full roster of 16, no more players will be added.

In addition to the Youth Center Soccer League program, another 140 players are now competing in the Ridgecrest City Recreation Department's soccer league for youngsters who are in the seventh and eighth grades.

Their games are played on weekday afternoons, starting at 3:45, at both Davidove Field and at Kelly Field on the Murray Junior High School campus.

## Flag football season gets off to rocky start

The China Lake Intramural Flag Football League season got off to a rocky start on Monday night with the result that a game between NWC and the Renegades has been ruled "no contest" and will be replayed at a later date.

Had it not been for the controversy which erupted over interpretations of the rules, the game would have gone into the records as a win for the NWC team coached by Ernie Paiz.

According to Rich Lasell, acting athletic director, the rules that were misunderstood have been explained in depth to all parties concerned, and also put in writing to avoid any further problems of this type.

The Flag Football League schedule also has been revised and (except for next week) now calls for one game on Monday nights at 8, and games at 6 and 8 p.m. on Wednesdays. All contests are played at Schoeffel Field, and sports fans are welcome to attend.

The only game scheduled next week is the Head Knockers vs. Acme Inc. at 8 p.m. The regular weekly schedule will be resumed with a single tilt on Oct. 2 between the Renegades and Acme, Inc., and games at 6 and 8 p.m. on Oct. 4 between NWC and the Head Knockers and Acme Inc. vs. the Renegades.

## 3rd annual Robinson Memorial Golf Tournery scheduled Oct. 7

The third annual Frank D. Robinson Memorial Golf Tournament will be held on Saturday, Oct. 7, at the China Lake golf course.

Through events such as this and other fund-raising activities, more than \$8,000 has been raised in the past two years for the Robinson Scholarship Fund, and the committee in charge has high hopes for another outstanding year.

Once again, more than \$2,000 in prizes will be presented to winners and runners-up in the tournament, including \$125 in merchandise awards to the golfer whose drive from the tee comes closest to the pin on any of the par 3 holes at the China Lake golf course.

The Indian Wells Valley Century Football Association sponsors the Robinson

## Keith Adicoff wins Golf Club's annual championship tourney

First place in the China Lake Golf Club's annual championship tournament was captured last Sunday by Keith Adicoff, who won this head-to-head match play competition by running up a 3-hole lead with two holes left to go in an 18-hole playoff against Curtis Bryan.

Third place in the championship flight was garnered by Gary Wydra.

Individual trophies were awarded to the winners of each of the four flights in this tournament, which opened on Sept. 9 with a field of 72 entrants.

Winners and runners-up in each of the other divisions of this tournament were as follows:

President's Flight — Phil Sprankle edged Chris Peterson, his nearest challenger, 3-2, with third place going to Richard Emery.

Vice-president's flight — Gary Moreno knocked off Wes Johnson, 6-5, to win first place honors, while Dan Wagner placed third.

Secretary's flight — Carmen Panucci and E. B. Earle battled each other on even terms for 18 holes, with the victory finally going to Panucci, 1-up, at the end of 19 holes. Tim Binns placed third.



Keith Adicoff, China Lake Golf Club champ

## Military teams to vie in Admiral's Cup soccer competition

Admiral's Cup competition in soccer among teams representing NWC North (the airfield), NWC South (mainside) and VX-5 has been scheduled next Tuesday, Wednesday and Thursday, starting at 5 p.m., at Davidove Field.

No limits have been placed on the size of each team's roster, but the number of players is restricted to 11 per team on the field at any one time.

The opening round of action will match the soccer players from NWC North against their counterparts from NWC South on Tuesday, while on Wednesday it will be NWC South vs. VX-5.

The final contest in the Admiral's Cup competition — between NWC North and VX-5 — has been scheduled on Thursday, Sept. 28.

Roy Tefft and Ed Stevens are the player-coaches of the NWC North soccer team, while Pete Whipple will be directing the NWC South squad, and Rick Booth is in charge of the VX-5 team.

The first two events of the 1978-79 Admiral's Cup athletic competition (bowling and golf) have been won by the NWC North, which is off to a 4-point lead (10-6) over NWC South, while VX-5 is currently trailing with 2 points in the Admiral's Cup standings.

## Tryouts slated for team to compete in 11th ND flag football

Tryouts for the purpose of selecting a 17-man team to represent the Naval Weapons Center in the 11th Naval District's northern area flag football tournament will be held at 9 a.m. tomorrow at Schoeffel Field.

The team that will compete for NWC in this event, which has been scheduled Oct. 9 through 13 in Long Beach, will be chosen by the athletic directors of NWC North (airfield), NWC South (main-side) and VX-5.

The dates and times for future practice sessions will be decided following the tryouts tomorrow.

Additional information can be obtained by calling Rick Booth at NWC ext. 5390.

## Combined Fed'l Campaign plans made . . .

(Continued from Page 1)

Care, Project Hope, the International Rescue Committee, Planned Parenthood World Population and the Save the Children Foundation.

National Health Agencies — The American Cancer Society, the American Diabetes Ass'n, the Cystic Fibrosis Foundation, the March of Dimes, the Mental Health Ass'n, the Muscular Dystrophy Ass'n, the National Kidney Foundation, the National Multiple Sclerosis Society, the National Society for the Prevention of Blindness, and

The United Cerebral Palsy Ass'n, the Arthritis Foundation, the National Society for Autistic Children, the National Hemophilia Foundation, the National Retinitis Pigmentosa Foundation, the National Ass'n for Retarded Citizens and the National Sickle Cell Disease Ass'n.

United Way — The American National Red Cross; the Boy Scouts, Girl Scouts and Campfire Girls; the Children's Home Society; the Children's Hospital of Los Angeles; the China Lake Mountain Rescue Group; the Desert Counseling Center; Travelers' Aid; Problem Pregnancy Assistance; and

The Homemaker Service of Indian Wells Valley; the Indian Wells Valley Ass'n for the Retarded; the Legal Aid of Indian Wells Valley; the One-to-One Program; the Salvation Army; the USO; and the Council on Responsible Drinking.

Many of these agencies rely solely on voluntary contributions to carry on their research work and social services.

Donors who wish to specify which organization will receive the money they contribute may indicate the percentage of the contribution and the agency on the pledge cards which must accompany each donation. Key persons soliciting the donations will provide donors with a list of agencies and groups that benefit from the campaign.

Contributions which are not accompanied by a request that the money be given to a specific agency or agencies will be divided between the three major groupings of

service and charitable organizations as follows: Indian Wells Valley United Way, 70 percent; National Health Agencies of Kern County, 15 percent; and the International Services Agency, 10 percent.

The NWC Office of Finance and Management will act as fiscal agent for the local CFC fund drive and will tabulate all contributor designations to agencies and allocate them to the proper group.

Fund Drive Coordinators

Code 003, the Office of the Special Assistant to the Commander, is responsible for coordinating the drive. Its planning and administration is the responsibility of the co-chairmen, who will work closely with the department representatives.

The department representatives for this year's CFC fund drive are:

Sgt. "Shell" Simonovich, Code 03; Bruce Wertenberger, Code 06; Jim Moldenhauer, Code 08; Bruce MacIntosh, Code 09; Charles Anderson, Code 12; Lt. Colleen McKenzie, Code 21; Dick Johnson, Code 23; Dianne Murray, Code 25; Jack Richards, Code 26; Jack Burdette, Code 31; Bob Mullins, Code 32; and

Wallis Teeter, Code 33; Charlie May, Code 35; Nadim Totah, Code 36; Dr. Ronald Adkins, Code 38; Jean Amundson, Code 39; Lt. Robert Reschke, Code 61; as well as Manny Dunn, Code 62; Kenneth Karnes, Code 92; Fred Binns, Code 93; Kevin Knievel, Code 94; Lt. Robert Boyd, Code 96; and Lt. Eric Nye, VX-5.

## Hillyer to speak at meeting of ASQC

Robert M. Hillyer, NWC Technical Director, will be the guest speaker at a meeting of the Sierra Sands Section of the American Society for Quality Control (ASQC) that will be held tonight at The Hideaway in Ridgecrest.

A dinner (ordered from the menu) is scheduled at 7 p.m., and the talk by Hillyer will begin at 8:15. The Technical Director's topic will be "Product Assurance — Techniques and People."

The ASQC meeting is open to all interested persons.

## Sun's energy being harnessed to heat, cool medical-dental clinic

Navy civil engineers concerned with the design and construction of buildings are becoming farmers; however, instead of reaping corn and carrots, they are harvesting energy from solar farms.

One of the Navy's newest solar energy farms is located just north of the back entrance to the Branch Medical and Dental Clinic at the Naval Weapons Center. The 120-panel solar energy unit is 70 percent

complete and is scheduled to become operational on Nov. 8, according to Steve Nemeth, the Public Works Department civil engineer in charge of the project.

The solar energy farm is being constructed by Morris & Son of Lancaster at a cost of \$249,168, and it will provide 70 percent of the clinic's heating needs, most of the energy needed to operate the building's central air conditioning unit and all of its hot water requirements.

Each of the solar farm's flat-plate collectors measures 3-by-7 feet, and faces south at an angle of 50 degrees from the horizontal. Their 2,520 square feet of surface will heat the clinic's hot water supply to 210 degrees F. under 75 psi of pressure.

The hot water will be used to operate the air conditioning system's absorption generator instead of steam. The absorption generator is part of the air conditioner's refrigerant circulation system.

The solar farm was designed by Daniel, Mann, Johnson & Mendenhall, an architectural and engineering firm in Los Angeles, and is one of many similar solar energy units that are under construction, have been completed or are planned at Navy installations across the country.

These Navy projects include solar energy farms to heat swimming pools at the Marine Corps Base, Camp Pendleton, Calif.; to provide thermal energy for the Navy Solar Observatory near Flagstaff, Ariz., and a messhall at Naval Air Station, North Island, in San Diego Bay; as well as solar farms at several small medical facilities on the East Coast.

In addition, all future housing for married personnel will include solar heating units.



**WASTEWATER POLLUTION PROBLEMS STUDIES** — Gerry Whitnack (at left) and Dr. Carl Heller, two of the Naval Weapons Center's research chemists, hold test tubes partially filled with polluted wastewater. In the foreground at left are a "Digital Field Polarograph" developed by Whitnack and a pollution monitoring cell. At right is equipment used by Dr. Heller for monitoring the presence of TNT in wastewater. —Photo by Ron Allen

## 2 NWC chemists attend meeting on problems of wastewater pollution

Two research chemists from the Chemistry Division of the Naval Weapons Center's Research Department were invited recently to attend a meeting held at the Army's Chemical Systems Laboratory (CSL) in Edgewood, Md. The purpose of the meeting was to evaluate various research and development projects on the analysis of wastewater from munitions plants.

Important input to the wide range of information that was gathered during this meeting was provided by Dr. Carl Heller, an employee in Code 38's Organic Chemistry Branch who is an expert in photochemistry, and by Gerald Whitnack, of the General Research Branch, who has specialized in the field of analytical and electro-analytical chemistry.

The two China Lakers presented talks about instrumentation that has been developed at NWC and elsewhere, and which can be used for the chemical analysis of chemical pollutants in wastewater.

Dr. Heller discussed his work on a new NWC method and instrument for monitoring TNT in wastewater, and also presented information on a nitrogen analyzer.

Whitnack described work on "Single-Sweep Polarography" and his efforts which resulted in an NWC-developed instrument

called a "Digital Field Polarograph" which can be used for monitoring very low levels of pollutants in water.

Speakers invited to the meeting at the Army's Chemical Systems Laboratory outlined a sizable list of related instrumentation programs currently being carried out by the Army and the Navy, and also discussed the formulation of a cooperative program aimed at coordinating this work.

According to David E. Renard, a CSL physical scientist, the Army Development and Readiness Command (DARCOM) has designated CSL as the lead laboratory for Pollution Abatement and Environmental Control Technology (PAECT).

Renard went on to outline 1977 legislation that requires industrial dischargers of pollutants to install the best available technology achievable by 1984 to protect the environment. A "zero discharge" goal is set for 1985.

"Now," he continued, "the highest priority thrust area in the PAECT program is the treatment of wastewater from munition production and explosive wastes from DARCOM's 28 Army ammunition plants. Our research results are of significant impact on both the modernization and the design and engineering of new plants," Renard said.

"Improvements in wastewater management will have to keep up with changing legal requirements, technological advancements and mobilization conditions at the Army's munition plants," Renard concluded.

## EEO Committee to meet

The next monthly meeting of the NWC Equal Employment Opportunity Committee will be held on Monday, starting at 2 p.m., at the Community Center.

The meeting, originally scheduled on Sept. 11, had to be postponed until the chairman, John DiPol, could be present.



**SOLAR FARM NEARS COMPLETION** — Capt. R. W. Taylor, officer-in-charge of the Branch Medical Clinic, and Bill Gomez, Public Works Department design engineer, discuss the capabilities of the solar energy farm to meet the clinic's energy requirements. The "farm", which is being constructed behind the clinic, is scheduled for completion Nov. 8. —Photo by Ron Allen



**ADMIRAL'S AIDE PROMOTED** — Rear Admiral William L. Harris, NWC Commander, pins gold oak leaves denoting the new rank of his aide on the shirt collar of L. Cdr. James M. Maloof. The admiral is assisted by L. Cdr. Maloof's wife, Anne. L. Cdr. Maloof has been aide and flag lieutenant since reporting here in July 1977 from duty aboard the attack carrier USS Franklin D. Roosevelt. L. Cdr. Maloof was commissioned an ensign in January 1969 after completing Aviation Officer Candidate School and received his wings as a naval aviator in June 1970.

## Carl Schaniel honored...

(Continued from Page 1)  
development, test and evaluation programs.

In addition, he was responsible for analyses of studies related to tactical warfare programs of high national importance.

Schaniel, who has a bachelor's degree in mathematics, which he received in 1950 from San Diego State College, and a master's degree in physics, also earned at San Diego State College, worked for 11 years at the Navy Electronics Laboratory in San Diego.

At the time he left NEL in 1962, he was a supervisory operations research analyst in the Operations Analysis Division. His first job here was that of associate for operations analysis in the Weapons Planning Group — a post which he held for three years until becoming head of the Weapons Planning Group in 1965.

Among the highlights of Schaniel's lengthy tenure as head of Code 12, he was singled out in May 1973 to receive the L. T. E. Thompson Award, which is the Center's highest recognition for outstanding individual achievement.

In the citation which accompanied the Thompson Award, it was noted that Schaniel was to be commended for "his

outstanding leadership and perceptiveness in operations research and weapons analysis methodology," as well as for "stimulating an interchange of ideas and information with higher levels of the Navy, and for his role in initiating the interlaboratory Soviet Ship Vulnerability Program."

In addition, he was cited for "his dedicated efforts in enabling NWC to understand and respond in a timely manner to the evolving needs and priorities of the Navy and the Fleet."

### Deadline nears to register to vote

Vera K. Gibson, Kern County clerk, this week reminded all electors that Oct. 9 is the last day to register in order to qualify to vote in the Nov. 7 General Election.

All United States citizens who will be 18 years of age by election day, and who establish residence in Kern County on or before Oct. 9, may register. Voters who have moved within Kern County should reregister at their new address unless their address was changed by an address confirmation card which was mailed to non-voters following the June Primary Election.

Postcard Affidavits of Registration are available at any county or city fire station; at Department of Motor Vehicles Offices; and at United States Post Offices. In addition, individual Deputy Registrars are also active in all areas of the county and will be happy to assist with registration.

### Plans underway for Navy Relief Society information course

Plans are being made by the Navy Relief Society of China Lake to host an information course to prepare volunteers to serve as Navy Relief receptionists and interviewers.

The course will be conducted from 8:30 to 11:30 a.m. during the week of Oct. 2 through 6 at the Navy Relief Office in Bldg. 880 (near the Navy mess hall) on King St. It is open to all active duty and retired military personnel and their spouses.

Free babysitting service will be provided in Annex No. 1 of the All Faith Chapel while the course is in progress.

Vernice Putnam, executive secretary of the Navy Relief Society's Long Beach Auxiliary, will be here to direct this course. Mrs. Putnam has held her present position for the past 11 years. Prior to that, she was a volunteer for 10 years at Long Beach and at the Whidbey Island Naval Air Station, Oak Harbor, Wash.

Persons interested in learning more about military pay and allowances, budgeting, the Civilian Health and Medical Program of the Uniformed Services (CHAMPUS), survivors' benefits and Navy Relief Society work are urged to plan to attend this Navy Relief information course.

after winning an Office of Civilian Personnel-sponsored competitive fellowship, is Frank J. McCormick, a management analyst in the Management Analysis Branch of the Office of Finance and Management. McCormick enrolled last month in Cornell's Education for Public Management Program and is scheduled to continue his studies there until next May.

Working on Ph. D. Degree  
This past June, course work at the University of Southern California leading to a Ph.D. in physics (laser effects) was completed by Marion J. Soileau, Jr., who returned to China Lake in June to continue with research work and the writing of his doctoral dissertation after spending two semesters at USC. Soileau is a physicist in the Quantum Surface Dynamics Branch of the NWC Research Department.

The current list of participants in the NWC long-term training program also includes two employees who are enrolled in undergraduate courses.

They are John M. LaMarr, a supervisory electronics technician in the Range Department's Air Operations Branch, and Kenneth G. Stephens, an electronics technician in the Engineering Department's Guidance Evaluation Branch.

LaMarr is enrolled for two semesters in computer science and electronic engineering classes at California State University in Northridge, and Stephens will be attending mechanical engineering classes at the University of California at Davis until December 1979.



**POSTERS PREPARED** — To help publicize a Navy Relief Society information course that will be held here from Oct. 2 through 6, posters drawing attention to this event have been prepared by (l.-r.) Darlene Killoran, Deanna Allee, C. J. Cowell and Jeanne Davis. —Photo by Ron Allen

## Center employees enrolled in long-term training

Six Naval Weapons Center employees are in the midst of, or soon will be enrolled in, courses offered at the Naval Post Graduate School in Monterey under the NWC long-term training program.

Donald R. Bridges, a special financial assistant in the Office of Finance and Management, will be leaving shortly to complete an administrative science course in financial management which he began a year ago.

Other Centerites who will be leaving for NPS this month are Jack T. Waller and Roger A. Young. Waller, a mechanical engineer in the Fuze and Sensors Department's Fuze Development Branch II, will be enrolled for a year in the mechanical engineering program at Monterey, while

Arizona in Tucson, where they will be taking classes in optical science and mechanical engineering, respectively. These two Centerites have been granted extensions of long-term training programs that were started in August 1977.

Gardner is a physicist in the Infrared Systems Branch of the Systems Development Department and is due to return to work next May. A three-semester extension (until August 1979) of his studies has been approved for Ackerman, who is an electronics engineer in the Engineering Department's Reliability/Maintainability Branch.

Headed for UC, Davis  
Two Centerites will be leaving this month for graduate studies in mechanical and electrical engineering at the University of California at Davis. They are Clifford J. Bicker, a mechanical engineer in the Research Department's Applied Combustion Research Branch, who will be at Davis until next September; and Peter C. Grossnickle, a physicist in the Electronic Warfare Department's Systems Simulation Branch. He is due to complete his studies at UC Davis next June.

In addition, another Centerite (Charles C. Combs) is leaving this month for a year of graduate study in manufacturing production engineering at Utah State University in Logan. Combs is a mechanical engineer in the Engineering Department's Control Design Branch.

Now at Cornell University in Ithaca, N.Y.,

### C. E. Van Hagan to teach 3-day course in technical writing

Enrollment is now open in a course in technical writing for scientists, engineers and administrators which will be held on Oct. 10, 11 and 12, from 8 a.m. to 4 p.m., in Rm. 107 of the Training Center.

This course, which is taught by C. E. Van Hagan, former head of the Technical Information Department at NWC, is designed to enhance the written communication skills of the Center's professional employees.

The major areas to be addressed during the three-day course include principles of communication, planning the document, the writing process, style, illustrations, tabular matter, and the mechanics of document presentation.

Employees interested in attending this course must submit a training request and authorization form via proper department channels in time for it to reach Code 094 no later than Sept. 29.

## Promotions of chiefs top list of Navy petty officer advancements

Eight more China Lake petty officers were advanced in rate on Sept. 16, bringing the total to 84 in the past three months as a result of their taking service-wide examinations earlier this year.

Topping the list were two promotions to chief petty officer. They are Chief Air-controlman Robert Rodriguez and Chief Dental Technician Michael Hastings.

Chief Rodriguez reported aboard the Naval Weapons Center on Sept. 1 from duty

at the Naval Station, Adak, Alaska, where he was a control tower watch supervisor. He has been assigned to the NWC Air Traffic Control Branch.

Chief Hastings is the Branch Dental Clinic's senior petty officer and a prosthetics technician. Prior to reporting to China Lake in December 1975, he was assigned to the Human Resources Management Detachment, Guam, Marianas Is.

ACC Rodriguez enlisted in the Navy in 1968 and is a graduate of Aircontrolman's "A" School, Ground Approach Control School, Carrier Control Approach (Naval Tactical Data) School and SPN-42 Radar School.

DTC Hastings, who was named NWC Bluejacket of the Month last April, entered the Navy in 1963 and has attended Dental Technician "A" School and Naval Dental Prosthetics School.

Other NWC petty officers who have been advanced in rate are ET1 Gerald Fritz, AQ1 Ernest Wooden, BM1 Kenneth Boswell and AMS2 William Hambrick.

New Air Test and Evaluation Squadron Five second class petty officers are AD2 Michael O'Connell and AME2 Gil Guevarra.

## Exchange opens Toyland store at Bennington Plaza

Preparations for Christmas used to begin the day after Thanksgiving; now they start the first day of Autumn.

The Navy Exchange opened its Christmas Toyland store this morning in the old beauty shop at Bennington Plaza.

Santa's helpers have stocked the shelves with toys, games and hobby and craft items, Ltjg. R. J. Boyd, Navy Exchange Officer, reports.

The helpers have already deposited several catalogs of Christmas greeting cards at the Exchange's Personalized Services Center at the service station. Cards may be ordered from the wide selection, he said.

By taking advantage of the early opening of Toyland, active duty and retired military surrogate Santas can fill their bags without dipping too deeply into their pocketbooks.

Purchases made before Oct. 15 may be placed on layaway with no down payment and three monthly installments stretched out until Christmas. Toyland merchandise bought between Oct. 15 through November will require one-third down and two subsequent payments. After Nov. 15, it will be half down and the rest when the items are picked up.

So as to keep the holidays in perspective, the Navy Exchange main store has a big assortment of Halloween candy for those persons wishing to lay in an early supply of trick or treat goodies.

## Cerro Coso College sets dates for giving CLEP tests

Applications are due next Friday, Sept. 29, from local area residents who are interested in taking College Level Examination Program (CLEP) tests that will be administered at Cerro Coso Community College on Oct. 20 and 21.

CLEP tests offer an opportunity for students whose on-the-job experience, travel, reading, adult school or correspondence school courses may have prepared them to earn college credit by taking the examinations.

Applications for taking the CLEP tests and further information on the complete lists of subject areas in which they are offered can be obtained by visiting the Cerro Coso College Counseling Center, or calling 375-5001, ext. 34.



**NAVY EXCHANGE FASHION SHOW** — More than 70 persons attended the Navy Exchange's fall fashion show at the Community Center on Wednesday evening, Sept. 13. Ltjg. Robert Boyd, NWC Exchange Officer, recruited Centerites to model new lines of clothing now being sold at the Exchange. In the top row of photos (left to right) Sandy Blackburn and Sue Pippin model a three-piece corduroy outfit and two blouses and Kathy Bowers displays a coat and skirt. In the lower photos (left to right), Carol Parrent shows a white, V-necked, band-collar dress with full skirt and shawl; Annice Isler models a two-piece wool-polyester pants suit; and Tammy Johnson displays a girls' blouse and pants set.

## Hobby Shop on Center receives shipment of Christmas gift craft projects items

The Naval Weapons Center Hobby Shop has received a big shipment of hobby and craft supplies, and now is the time for Centerites to start their Christmas gift projects, Frank Pontillo, Hobby Shop manager, said.

A large assortment of ceramic greenware, macrame supplies, paint-by-number and sand painting kits and rug-making kits are among the many new items in stock, Pontillo said.

The shop will order any items not in stock but desired by patrons, he said.

Now is also the time to sign up for fall hobby and crafts classes that will be conducted by the NWC Special Services

Division. Classes will be offered in ceramics, macrame and woodworking. The size of the classes will be limited.

The ceramics class will be held on Wednesdays from 7 to 9 p.m. beginning Oct. 4, and ending Nov. 1. Persons taking the class must furnish their own project materials and pay a \$10 fee.

The two-hour macrame class will meet Tuesdays from Oct. 3 through Oct. 31 at 7 p.m. The fee for this course is also \$10, and students must pay for their materials.

The month-long class in woodworking will begin Oct. 5 and end Nov. 2. It will be held on Thursdays from 7 to 9 p.m. The size of the class will determine the fee.

More information on special ordering of hobby supplies and on the crafts classes can be obtained by telephoning Tawny Bryant at the Hobby Shop on NWC ext. 3252.

## Meeting on program for gifted students set next Wednesday

A meeting for the purpose of discussing the Mentally Gifted Minors (MGM) program at Burroughs High School has been scheduled on Wednesday, Sept. 27, starting at 7:30 p.m. in the high school multi-use room.

This state-funded program for the identification of mentally gifted students is being activated again for the coming school year. Parents, teachers and students, as well as other interested individuals, are invited to attend to submit ideas and provide input that will aid in the development of a quality program.

In addition, important future test dates will be announced at next Wednesday night's meeting.

According to Joann Koperski, the assistant principal for student services at Burroughs High, the local high school is unique in that approximately 10 percent of the student body qualifies for the MGM program. A figure of 5 percent is considered high.

## New books listed at NWC library

A complete list of new books is available in the NWC library. Library hours are Tuesday thru Friday: 1-9 p.m.; Saturday: 12-6 p.m.

Centerites are reminded that all employees or military personnel, regardless of their place of residence, are welcome to use the NWC library.

**FICTION**  
Mollie Hardwick — Charlie Is My Darling.  
Harry Kemelman — Thursday the Rabbi Walked Out.  
John Lee — The Thirteenth Hour.  
Robert J. Serling — Wings.  
Jerome Weidman — A Family Fortune  
Chelsea Quinn Yarbro — Hotel Transylvania.

**NON-FICTION**  
Thomas G. Banville — How To Listen / How To Be Heard.  
John Murray Cuddihy — No Offense; Civil Religion and Protestant Taste.  
Rumer Godden — The Butterfly Lions; The Pekingese in History, Legend and Art.  
Dick Meister — A Long Time Coming; The Struggle to Unionize Farm Labor.  
Valorie Taylor — Great Shark Stories.  
Theodore White — In Search of History.



**DRILL TEAM GARNERS TROPHIES** — The NWC Sidewinder drill team has returned home with two more first place trophies following recent participation in the Antelope Valley Fair and Alfalfa Festival parade held in Lancaster, and also in a parade which was one of the highlights of the annual celebration in the town of Boron. ABH1 James Hughes (in white shirt), petty officer-in-charge of the drill team, and SH2 Arthur Lloyd, a member of the team, are holding the trophy won in Lancaster. Other team members in the photo are (l.-r.) ABH2 Charles James, ADAN Quintin Jefferson, AZ3 James Isler, ADAN John Riddick, AMS3 Fred Snyder and AKAN Darlene King. One member of the team, AMH2 Rico Ward, was unable to be present for the photo. The group's next local appearance will be in the Desert Empire Fair parade on Sept. 30 in Ridgecrest. — Photo by PH2 Tony Garcia