



— Photo by PH2 Tony Garcia

BENEFIT MUSICAL — Starshine Singers Elena Vitale, Reno Venturi, and Cynthia Harris, accompanied by a combo, will present a benefit performance tonight and tomorrow night, and next Friday and Saturday, April 25 and 26, at the Community Center starting at 8:15. General admission tickets are \$2, with those for enlisted military personnel, children and senior citizens priced at \$1.50. All proceeds will go to benefit Sunshine House, local activity center for the handicapped. A special events pass will be issued at the main gate for anyone who does not hold a regular NWC pass; all that is needed is for the visitor to tell the gate guard that the benefit performance is destination for the visit.

Desert Counseling Clinic dinner meeting slated April 23 at COM

Invitations are out for all interested persons to attend the 29th annual dinner meeting of the Desert Counseling Clinic, which will be held next Wednesday, April 23, at the Commissioned Officers' Mess. A social hour starting at 5:30 p.m. will precede a buffet-style dinner featuring steamed round of beef as the main entrée, and the program for the evening is scheduled to get underway at 7:30. Guest speaker will be Dr. Paul Brenner, an assistant clinical professor of reproductive medicine at the University of

California in San Diego.

Dr. Brenner, who began his medical career as a doctor specializing in obstetrics and gynecology, has left the traditional practice of medicine to branch out in private practice in an effort to assist people in assuming responsibility for their own health care.

He is the author of several books, but the first one, entitled "Health Is a Question of Balance," summarizes his approach to assisting patients by pointing out ways in which they can endeavor to balance their mental and spiritual health.

Dr. Brenner, who works all over southern California, has a lot of dealings with terminally ill patients, whom he tries to aid in coping with their illness.

Prior to the talk by Dr. Brenner, the agenda for the evening will include reports on the past year in review by Marge Vargus, president of the Desert Counseling Clinic, and by David Mechtenberg, DCC administrator.

The past year was the first for the DCC in its new building in Ridgecrest. In line with the move, made necessary by limited funds, to do more and more work with people in their own community instead of sending them to state or county-operated facilities, the DCC has launched a new day care center that is in operation three days per week. Clients may attend for three hours a day — selecting either a morning or afternoon session.

By the time of the DCC's annual meeting next Wednesday night, the by-mail balloting to select board members for the coming year will have been tallied, and those who were elected will be introduced.

Thrift Shop plans sale

A half price sale will be held next week at the WACOM-operated Thrift Shop, located on Lauritsen Rd., between Blandy and King Aves. The sale is scheduled on Tuesday, April 22, from 7 to 9 p.m., and on Thursday, April 24, from 9 to 11 a.m.

Bassoon virtuoso to present final concert of '79-80 season

George Zukerman, world-renowned bassoon virtuoso, will be the featured artist at the final program of the Indian Wells Valley Concert Association's 1979-80 season, which is to be presented next Thursday, April 24, starting at 7:30 p.m. at the Center theater.

Accompanied by Reid Nibley at the piano, Zukerman will present an unusual program entitled "Zukermania." The artist's concert-lectures are keenly appreciated by musicians and non-musicians alike, who all enjoy his unique blend of superb musicianship, as well as his ready wit and humor.

The musical selections Zukerman has chosen to play here next Thursday night range from the 18th to the 20th century. Unlike the piano, violin, or even the cello, the bassoon is not yet among the ranks of the most popular of solo musical instruments. Zukerman, who was born in Great Britain but has lived in Canada since 1954, has single-handedly helped to elevate his "symphonic piece of plumbing" to the major leagues.

In research over the past ten years, he has located more than 150 concertos for the bassoon, several of which he is now in the process of editing for publication and recording. He also has commissioned extensive contemporary works for the instrument.

His comment that the bassoon can sound like any other "normal" instrument, and his demonstration of the great lyrical and dramatic capabilities of the bassoon (with its 3 1/2 octave range), has delighted concert goers.

During recent seasons, Zukerman has made major concert appearances in the U.S.S.R., Italy, Portugal, Great Britain, Spain, Japan, Israel, Norway, West Germany, Australia and South Africa.

On the North American continent he has appeared as soloist with the Los Angeles Chamber Orchestra, and with many orchestras throughout the Canada and United States.

During the present concert season, he returned to Japan and Hong Kong, undertook a tour of the Caribbean Islands, and appeared with major South American symphony orchestras.

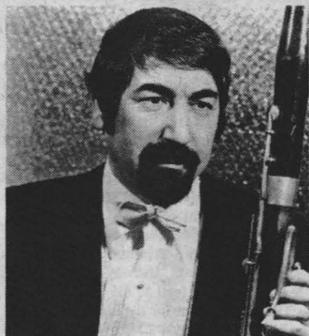
In conjunction with his evening performance on April 24, Zukerman and pianist Nibley will present a 50-minute concert for

students at 1 p.m. next Thursday in the Burroughs High School lecture center.

Students from the seventh through twelfth grades in the Sierra Sands Unified School District, along with some other student groups (including those from private schools) will have the opportunity to enjoy this performance by Zukerman.

This program is provided at no cost to the students involved as an educational service by the IWV Concert Association, and is made possible by contributions to the Student Education Fund.

Tickets to Zukerman's concert next Thursday evening are priced at \$5 each for



George Zukerman

general admission, and \$3 for enlisted military personnel or individuals under 21 or over 65 years of age.

They can be purchased prior to the April 24 concert at the Maturango Museum daily between 2 and 5 p.m. or at the following business places in Ridgecrest: The Music Man, Sports Etc., Medical Arts Pharmacy, the Gift Mart, Lilly's Dress Shop, and the Center Pharmacy (located next door to the Drummond Medical Center).

In addition, the Center theater box office will be open for the sale of tickets to the Zukerman concert on April 24 from 4:45 to 7:15 p.m.

NEX retail store Awareness Day sale set April 23

Patrons of the Navy Exchange retail store will be able to learn about NEX merchandising policies and save money at the same time during the NEX Awareness Day sale planned next Wednesday, April 23.

On that day the manager and merchandising manager of the Long Beach NEX and four of the buyers from that location (who also make the purchases for the China Lake store) will be present in the local NEX to answer patrons' questions.

As a special feature that day, a series of "30-min. sales" will also be held.

For half of each hour during the day, some department will hold a sale during which all items in that department can be purchased at 10 percent off the ticketed price. A schedule of when sales will be conducted in the various departments will be available in the NEX retail store today so that patrons may plan to be in the store to take advantage of bargains on particular items they wish to purchase.

U.S. Government Printing Office: 1980—No. 1022

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Freeze set on hiring of full-time permanent employees

The Secretary of the Navy has directed all commanders and civilian personnel managers to give their fullest support to a Presidential order imposing an indefinite limitation on hiring full-time, permanent direct-hire federal civilian employees. The hiring freeze went into effect on March 1.

According to a message received at the Naval Weapons Center, only one full-time permanent employee may be hired for every two full-time permanent direct-hire position which becomes vacant after Feb. 29.

Under the guidelines of the Presidential order, the freeze does not affect the hiring of budgeted temporary, part-time or intermittent employees to perform funded workload under the approved budget plan, nor does it affect previously approved conversions of civilian to military positions

within existing funding and end strength resources. However, these types of actions

At the time the message ordering the freeze on the hiring of permanent full-time federal employees was received, the Naval Weapons Center already was under a self-imposed hiring freeze.

NWC management is committed to increasing the number of junior professionals (JPs) who are hired, and therefore is honoring a commitment in this area.

As a result of following through on the JP hiring commitment, and the Center's current position relative to its year-end ceiling for Fiscal Year 1980, it is expected that there will be very little full time hiring between now and Sept. 30.

will be initiated only if they would have been taken in the absence of the hiring freeze and will not be employed to circumvent the freeze on full-time employment.

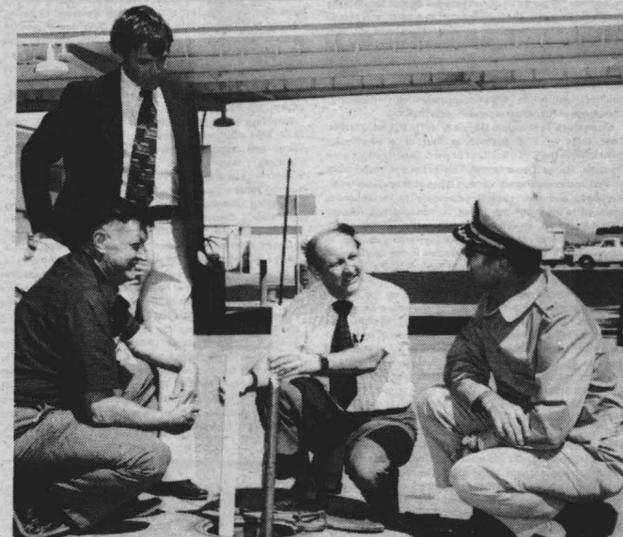
Other employment categories exempt from the hiring freeze are foreign national indirect hires, non-appropriated fund employees, personnel exempt from employment ceilings, and Executive Schedule employees, since the Senior Executive Service is not included in the freeze exemption for Executive Schedule personnel. The same constraint against using personnel in these exempt categories in order to circumvent the freeze on full-time permanent employment also applies, however.

In addition, the following types of hiring actions to fill full-time permanent vacancies are exempt from the freeze: (1) firm

commitments to hire made in writing and signed by civilian personnel officials prior to March 1, (2) transfers of personnel to Department of the Navy rolls as a result of an interservice or interagency transfer of function, (3) hiring from within the Department of Defense (DoD) to fill a vacancy, regardless of when the vacancy occurred, (4) hiring from within the DoD to fill a new full-time permanent position, (5) hiring currently employed displaced employees registered in the DoD priority placement program.

Except for these exemptions, full-time permanent vacancies (including vacancies in existence prior to March 1) can be filled only by using new vacancy hiring authority from among the 50 percent of full-time permanent vacancies occurring after Feb.

(Continued on Page 4)



INSTANT INVENTORY — A prototype model of an automated system for measuring the amount of gasoline or diesel fuel in service station storage tanks is discussed by (l-r.) John Amdahl, the inventor; Jim Bechtel, a U.S. patent attorney (standing); Mike Toth, head of the Production Control Branch in the Public Works Department's Transportation Division; and Capt. Jon Ives, Public Works Officer. The advantages of Amdahl's device over the present dip stick method of measuring the amount of fuel in a storage tank has created considerable interest in having this system installed at the earliest possible time in gasoline or diesel fuel storage tanks on the Center.

— Photo by Ron Allen

Automated system devised for measuring amount of gasoline in storage tank

An automated system for measuring the amount of gasoline or diesel fuel in service station storage tanks has been developed by John Amdahl, an electronics technician in the Metrology Branch of the NWC Engineering Department's Product Assurance Division.

An application for a U.S. patent for Amdahl's invention is being prepared by Jim Bechtel, a patent attorney in the office of the NWC Patent Counsel (Code 012), but even before the system has been put into operation the advantages over the present method of using a long dip stick to determine how much gasoline or diesel fuel remains in a storage tank have Public Works Department officials eager to begin utilizing the new device.

ADVANTAGES CITED

The advantages to be gained range from speedier, more accurate record keeping and prevention of loss of fuel by evaporation to the added safety factor of having a system that offers a measure of additional protection by bleeding off the static charge from the surface of highly volatile fuel during normal storage tank filling operations.

In these days of the energy crunch, when Navy installations are under severe con-

straints to account for fuel consumption, the prospect of having a speedier, more accurate and safer means of measuring the amount of gasoline of diesel fuel in a storage tank is highly welcome news.

According to Capt. Jon Ives, head of the NWC Public Works Department, the large amount of gasoline and diesel fuel that is received in storage tanks and then either dispensed at service station pumps or drawn out into tank trucks for distribution in the field to heavy equipment or electric power generators must match up within an accuracy of .5 percent and .25 percent for gasoline and diesel fuel allocations, respectively.

Achieving such a high degree of accuracy in accounting for the use of vehicle fuel is complicated by the fact that (especially on hot days) the twice-daily measurements with a dip stick permit some gasoline to evaporate from fuel storage tanks.

Adoption of what Amdahl calls his "instant inventory" system would eliminate this type of fuel loss, as well as the human error associated with manually recording figures on the amount of gasoline measured in a storage tank.

Amdahl's invention makes use of sensors that produce electrical signals as they

(Continued on Page 4)

AQ1 Woeller selected as Bluejacket of Month

Aviation Fire Control Technician First Class Larry M. Woeller has been selected as the Naval Weapons Center Bluejacket of the Month for the month of March.

In the letter nominating him for this honor, Lt. G. T. Mariner, his supervisor, commends AQ1 Woeller for his work in developing an Integrated Weapons Team work center responsible for the maintenance of weapons delivery systems on the A-6 and A-7 aircraft.

The letter continues that "his exceptional knowledge of the Integrated Weapons Team concept, willingness to devote long hours in developing this concept and his leadership through the embryonic stages of its development have enabled the Integrated Weapons Team to become an active part of NWC Aircraft Maintenance."

Lt. Mariner concludes that AQ1 Woeller "exemplifies the highly motivated and professional military petty officer desired

by today's United States Navy."

AQ1 Woeller returned to NWC in October 1979 after having served at the Center six years ago; he chose this duty assignment because it could lead to work on the F-18 aircraft radar and computers.

That he thoroughly enjoys his Navy career is shown by the fact that he has already served 11 years and is planning to serve until retirement. He joined the Navy as soon as he was graduated from Mesa High School in Mesa, Ariz., which he calls home although he was born in Batavia, New York. His father was a Seabee Reservist, and AQ1 Woeller wanted to follow his father's footsteps. On completing boot camp, however, tests showed that his skills lay along other lines and he has been very happy with his work as a fire control technician.

March's Bluejacket shares his favorite (Continued on Page 3)



AQ1 Larry M. Woeller

CSRA Demonstration Project passes one more hurdle

The Naval Weapons Center last week received word that the Office of Personnel Management (OPM) has given its final approval to the joint NWC/Naval Ocean Systems Center Civil Service Reform Act Demonstration Project.

The Demonstration Project now goes to Congress for a 90 day review as provided by law. The earliest date for its local implementation is mid-July.

OPM reports that the final project plan should appear in today's issue of the Federal Register.

MOVIES section listing films for Friday, Saturday, Sunday, and Monday, including titles like 'Moonrakers', 'Americathon', 'Ice Castles', and 'The Big Fix'.



AGREEMENT SEALED — MS1 Bill Bennett (far left) watches as Capt. J. D. Killoran, NWC Director of Supply, congratulates Dave Rivera, who works in the Purchase Branch of the Supply Department, on being sworn in to Reserve Mobile Construction Battalion 0217, as Mrs. Pam Rivera proudly looks on. Rivera has already served six years in the Seabee Reserves; he holds the rank of Storekeeper 2nd Class.

Information forum planned on issues affecting fed'l employees

Centerites who are interested in learning more about their rights as federal employees are reminded that there will be a Federal Information Forum tomorrow from 9 a.m. until 1 p.m. in the lecture center at Cerro Coso Community College.

The general purpose of this gathering is to present information on such pending matters as the possible merger of Social Security and the federal retirement systems, Civil Service Reform, contracting out, personnel ceilings and pay reform.

Spokesmen for each of the organizations represented at the meeting will discuss efforts they are making on behalf of their own members and all federal employees to make the voice of active and retired federal employees heard in unison on issues affecting their jobs or retirement benefits.

This event is being hosted by the Indian Wells Valley Chapter of Federally Employed Women (FEW), and will be opened by Gayle Ammerman, local president of FEW, who will briefly outline the goals and objectives of her organization, before turning the microphone over to other participants in the program who will do the same for the groups they represent.

Among those who will make similar 15-min. presentations are Dennis Rowell, president of China Lake Chapter No. 28, Federal Managers' Association; Belle Herve, Federal Women's Program coordinator at NWC; and Bob Cope, president of the West Coast District of the Metal Trades Council.

Two representatives of the International Federation of Professional and Technical Engineers, who are interested in forming a local chapter, also will be here. They are Jack Dunn, international representative from Washington, D.C., and Mike Olsen, West Coast area vice president from Long Beach.

Rounding out the list of speakers, and the groups they represent, are Marlene Steffen from Oceanside, vice president of Region 6

of the National Federation of Federal Employees; and Dick Meeker, vice president of Indian Wells Valley Chapter No. 748 of the National Association of Retired Federal Employees.

There will be a coffee break at around 11 a.m. and, after that, members of the audience will be invited to go from the college lecture center to other rooms where they will have the opportunity to pick up additional information about the six different groups that will be participating in the Federal Information Forum.

The program will be concluded by an hour-long general session for questions and answers back in the college lecture center.

Convention of Navy Wives Club to be held at China Lake

The Naval Weapons Center will host the America Southwest Regional Convention of the Navy Wives Club of America starting Sunday evening and lasting through Thursday, April 24.

Mrs. Diane Wadelin, president of the Desert Flowers Chapter No. 125, will serve as convention chairman.

About 30 delegates from chapters throughout California and Hawaii will be attending the business meetings and social events planned for the conference. Regional President Mrs. Terry Doxzon from Seal Beach Chapter No. 217 is planning to attend.

Discussions will be held during business meetings concerning conditions affecting Navy families in the Southwest Region, and proposed revisions to Navy Wives Club by-laws also will be voted on.

Speakers for the three planned banquets will be Bob Hillyer, NWC Technical Director, Sunday night; S. G. "Vet" Payne, NWC Public Affairs Officer, Wednesday night; and Capt. W. B. Haff, NWC Commander, at the closing banquet next Thursday evening.

Promotional opportunities

Unless otherwise specified in the ad, applications for positions listed in this column will be accepted from current NWC employees and should be filed with the person named in the ad. All others desiring employment with the Naval Weapons Center may contact the Employment-Wage and Classification Division, Code 092, Ext. 2069. Ads will run for one week and will close at 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ad. Employees whose work history has not been brought up to date within the last six months are encouraged to file a Form 171 or 172 in their personnel jacket. Information concerning the Merit Promotion Program and the evaluation methods used in these promotional opportunities may be obtained from your Personnel Management Advisor (Code 976 or 977). 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.

Electrical Helper, WG-2805.5, JD No. 144N, Code 2421 — Temporary not to exceed one year. The purpose of this advertisement is to establish a register to fill temporary (not to exceed one year) electrical helper positions. This register will be used to fill vacancies as they occur during the next several months. Maximum time in an appointment of this type will be 12 months in any 24 month period. NWC will accept applications from all employees who are currently on Civil Service Registers, and individuals not on registers who have skills necessary to qualify for this position. The positions are located in the Maintenance-Utilities Division of the Public Works Department. The incumbent assists journeymen in measuring, cutting, threading, bending, assembling, and installing conduit for connecting various panels, outlets and boxes. Help install electrical conduit used in wiring buildings; make simple splices and solder cables; help rewind armatures, fields, and coils; may replace defective wiring and make connections to new electrical installations. All work is done under direct supervision of a journeyman, or using detailed instructions. **Job Relevant Criteria:** Reliability and dependability; shop aptitude and safety; ability to follow instructions in shop; dexterity and interest; ability to work as a member of a team.

File applications for above with Kate Clark, Bldg. 34, Rm. 100, Ph. 2069.

Secretary (Typing), GS-318-4/5, PD No. 8006009N, Code 063 — This position is located in the Project Office of the Test and Evaluation Directorate. The incumbent is the secretary to head and associate head of the Project Office in addition to performing secretarial duties for the Air Projects Offices. The incumbent provides secretarial support such as reception of contractors and visitors, screening incoming calls, maintaining technical files and documents, arranging for travel, and editing and typing reports and correspondence. **Job Relevant Criteria:** Ability to get along with others; reliability and dependability; ability to type accurately and efficiently; knowledge of Navy correspondence format.

File applications for above with Kate Clark, Bldg. 34, Rm. 100, Ph. 2069.

Electronics Technician, GS-856-9/10/11, PD No. 7762044, Code 4214 — This position is that of a electronics technician in the Ballistics Test Branch, Quality Assurance Division, Range Department. This branch is responsible for the test and evaluation of various types of propulsion units, warheads, and other explosive devices. The incumbent is assigned to the Instrumentation Section which is responsible for design, modification, fabrication, maintenance and operation of data acquisition systems required to support test and evaluation conducted in the Skytop and CT-6 facilities. The incumbent designs and assembles new instrumentation systems or modifies existing systems to satisfy special data requirements; sets up the proper instrumentation for a test in any of the above facilities; performs preventative maintenance on systems as required. **Job Relevant Criteria:** Experience in testing of explosive hazardous materials; ability to design and modify analog instrumentation systems; ability to maintain analog instrumentation systems; ability to work well under pressure.

Electronics Technician, GS-856-9/10/11, PD No. 7762044, Code 4214 — This position is located in the Radar Section, Air Operations Branch of the Range Department. The purpose of the position is to design, modify, evaluate, calibrate, and maintain electronic trajectory or velocity measurement instrumentation equipment. The incumbent plans equipment modifications needed for future tests and performs preliminary design to assist engineers when advanced design is required. Incumbent will also integrate new circuits, maintain, troubleshoot, and repair tracking radar systems components as required. **Job Relevant Criteria:** Ability to work well with others; ability to design, develop, modify, evaluate, calibrate, operate and maintain microwave data transmission systems; television transmission systems, television cameras, monitors and special effects generating devices. **Job Relevant Criteria:** Diversified

General Engineer, GS-801-14, PD No. 8039204E, Code 3904 — This position is that of head, Short Range Air-to-Surface Project Office, located in the Weapons Department. The incumbent serves as the NWC focal point on the Maverick and Walleye Programs for the Naval Air Systems Command Program Manager (PMA-242). The incumbent is responsible for all the Maverick/Walleye tasks assigned to the Center. The incumbent interfaces with major system contractors for PMA-242. The incumbent will also interface with the Air Force Systems Development Command Program Manager (AD-65) on technical matters for some Maverick tasks. **Job Relevant Criteria:** Ex-

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Secretary (Typing), GS-318-4/5, PD No. 7512013N, Code 12 — This position is located in the Weapons Planning Group and reports to the Program Director for R&D Planning. Major duties include receiving visitors, telephone calls and mail; typing official correspondence, travel orders, security clearances and itineraries; scheduling conferences and meetings; and maintaining supervisor's calendar and files. **Job Relevant Criteria:** Must be proficient typist; must have thorough knowledge of Center clerical procedures; must be able to deal with a wide variety of clerical and administrative procedures.

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Electronics Technician, GS-856-11, PD No. 8042030N, Code 6237 — This position is located in the Television/Microwave Section, Range Support Branch Range Instrumentation Support Division, Range Department. The function of this branch is to design, develop, maintain and operate electronic-measurement, atmospheric measurement, data-transmissions, and communication systems; evaluate electronic systems and operational techniques; and provide consulting services for users of these systems. The purpose of this position is to perform the duties necessary to design, develop, modify, evaluate, calibrate, operate and maintain microwave data transmission systems, television transmission systems, television cameras, monitors and special effects generating devices. **Job Relevant Criteria:** Diversified

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experience in electronic instrumentation design; extensive experience with microwave, CCTV cameras, monitors and recorders; ability to work well with others.

Engineering Technician, GS-802-9, PD No. 7964039N, Code 4412 — This position is located in the Product Support Branch, Production Support/Quality Assurance Section, of the Engineering Division, Parachute Systems Department. The Product Support Branch is responsible for basic design, maintenance engineering, integrated logistics support, and production support/quality assurance of assigned parachute systems and deacceleration devices. The incumbent assists in establishing standards and procedures and requirements for conducting first article reproduction and production lot sample tests and inspections for Parachute/Deceleration Systems, Sub-systems and related hardware. The incumbent inspects qualification test hardware, ranging from complete parachute systems to individual bits and pieces, for conformance to drawing and design specifications. **Job Relevant Criteria:** Knowledge of quality control and inspection techniques; knowledge of aerospace escape and survival systems; ability to work well with others.

Electronics Engineer, GS-855-9/11/12, PD No. 7964012E, Code 4422 — This position is located in the Test Support Branch of the Test Engineering Division, Parachute Systems Department. The incumbent designs, develops, tests and evaluates electronics systems used in the testing of parachutes and other deacceleration systems. The incumbent must also arrange for in-house or off-center acquisition of the equipment, oversees its installation and evaluates it in the test situation. **Job Relevant Criteria:** Ability to communicate effectively both orally and in writing; knowledge of electronic tracking systems and telemetry instrumentation; knowledge of testing and evaluation methods/procedures at the Naval Weapons Center. Status eligibles will be considered.

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Youth soccer season in full swing . . .

(Continued from Page 6)

was increased to 2-0 by halftime, when Jon Bainbridge scored a goal with the help of an assist from Guy Stanton. In the second half, the tight defense put up by the Surfs was breached just once when Chris Turner broke through to score for the Tornados. Matt Graham's fine play as goalie for the Surfs also was important in his team's 2-1 win over the Tornados.

Jimmy Kibbe led the stingy defense of the Kicks that gave up just one goal — a score by Garret Osburn — in the 1-1 tie between the Kicks and Sounders. Scott Piri put on a

Premier League title won by Triangle

Mobile Homes team

The winter season of Premier League bowling competition was concluded Monday night at Hall Memorial Lanes.

The guesswork had already been removed regarding which team would win the league title, since the Triangle Mobile Homes keggers had built up a 9½ game lead over their nearest rivals (The Place) prior to the final night of play.

Bowlers for The Place did win two out of three games from Triangle Mobile Homes squad this week, thereby slashing the league champs' lead to 8½ games.

High team game for the night was the 977 rolled by Clancey's Claim Co., and high team series (2,835) was posted by the Raytheon Sidewinders.

Warren Turnbaugh, who improved his average per game by 24 pins to 195, was the Premier League's most improved player. His average, the highest in the league, was just 1 pin more than Pat Nalley's 194.9.

Four Premier League bowlers topped the 600 series mark on Monday night. They were Bill Osborne (626), Pat Nalley (616), Dave Vander Houwen (614), and Jim Kincheloe (613). Nalley's series was a triple 200 effort that included single game scores of 211, 201, and 204.

Bowlers with single game scores in excess of 220 were Kincheloe (245), Osborne (238), Cliff Moss (224), and Turnbaugh and John Wilhorn (221).

Final standings in the Premier League were:

Team	Won	Lost
Triangle Mobile Homes	62	28
The Place	53½	36½
Bugby Bath	51	39
Raytheon Sidewinders	50	40
Clancey's Claim Co.	44	46
Elks Lodge	42½	47½
Parflow Construction	41	49
Fisher Plastering	38	52
Hideaway	37	53
E. R. I. Hustlers	31	59

NWC bowlers finish among also rans in MDISL tourney

A six-man team representing the Naval Weapons Center finished among the also rans in last weekend's Mojave Desert Interservice League (MDISL) bowling tournament held at George Air Force Base.

The all-events competition was won by the bowling squad from Nellis Air Force Base in Las Vegas, whose total pin score for the tourney was 11,109. The keggers from Edwards and George Air Force Bases placed second and third, respectively, with combined scores of 10,706 and 10,635.

The tourney's top individual bowler was Don Slaton, of March Air Force Base, whose 672 series (without handicap) earned him first place in the singles event. Among the top contenders in the singles competition was Merlin Dahlke, who rolled a single game score of 279.

The duo of Fred McGriff and Tom Yamada, of the Los Angeles Air Force Station, won first place medallions in the doubles competition. McGriff had a pair of 3-game scores over the 700 mark as he rolled a 706 and a 705.

The Nellis Air Force base bowlers, who won the all events title, also won the team event with a score of 3,661.

good show of moving the ball through a broken field as he outdistanced the Sounders' defenders, drew out the goalie, and slammed the ball into the net for the only other score in what was a good game of youth soccer.

The Roughnecks, who trailed the Whitecaps 2-0 at halftime, rallied in the second half of this contest to win their first game of the season by a final score of 3-2. First half scores by Eric Frisbee and Roger Smith, on assists from Bill Ledden and Ross Malik, respectively, got the Whitecaps off to a 2-goal lead. In the second half, however, the Roughnecks' offense began to jell as Ricky Bullard scored twice and then passed the ball to Kelly Vio on a play that produced the game-winning goal for the Roughnecks.

In the two-team International Division (for players in the 7th through 9th grades) the Wolves posted a 2-0 victory and now have a record of 5 goals to 4 for the Red Devils in the four games played so far this season between these two teams. A scramble for the ball in front of the Red Devils' goal ended up with the ball popping into the net for the first score for the Wolves last Saturday. Later in the game, the Wolves were able to take advantage of a poor attempt by the Red Devils to clear the ball away from their goal, and tallied again to make it a 2-0 victory. Leading players for the victorious Wolves were Richard Rind and Donny Trovinger, while Tommy Rindt and Paul Weimholt were singled out for their play in a losing effort for the Red Devils.

Rec. Roundup . . .

(Continued from Page 6)

The Recreation Coordination Office located next door to the Center gym, phone NWC ext. 2010.

SLOW PITCH SOFTBALL TOURNAMENT

A men's class B and C slow pitch softball tournament will be held on Friday, Saturday, and Sunday, April 25-27, at Encanto Park in San Bernardino.

This is a double elimination event, and there is no limit on the number of teams that can enter. There is an entry fee of \$90 per team for this annual event that is sponsored by the Inland Empire Softball Officials' Association.

Managers of local slow pitch softball teams can obtain further information and tournament entry forms by calling Paul Backiewicz, NWC athletic director, at NWC ext. 2234 or 2571.

SKREET, TRAP RANGE

The Special Services Division's skeet and trap range, located on Sportsman's Rd., is now open on weekends from 9 a.m. to 12 noon. Guests may shoot by paying a fee of \$1.50 per round (25 birds), while members of the China Lake Skeet and Trap Club are charged \$1 per round.

All military personnel, Department of Defense civilians, and dependents are eligible to use the range and join the China Lake Skeet and Trap Club by paying an annual membership fee of \$6.

Additional information can be obtained by calling the hobby shop complex at NWC ext. 2942.

China Lake Intramural Volleyball League

Standings as of April 11

Team	Open A Division	Won	Lost
Doggie Daddies	6	0	2
Hard Liquors	4	2	



NWC rocketeer SPORTS

Recreation Roundup

Commander's Cup tennis matches set April 22-24

The next event on the schedule of Commander's Cup athletic competition will be tennis matches that will be played on April 22, 23 and 24, starting at 3 p.m. each day at the China Lake tennis courts.

Racket swingers representing VX-5 and NWC Blue will vie on April 22, and it will be VX-5 vs. NWC Gold on April 23. In the final series of tennis matches, players for NWC Blue and NWC Gold will compete on April 24.

Each team is expected to enter seven singles players (one of whom must be a woman) and have four players ready to go in the doubles competition.

Military men or women interested in taking part in the Commander's Cup tennis matches should contact the following members of the Military Athletic Committee: AE1 Roy Tefft, NWC ext. 5478, for NWC Blue (Code 612); MA1 Ken Boswell, NWC ext. 2016, for NWC Gold; and LI1 Rudy Cena, NWC ext. 5236, for VX-5.

TINY TOT SWIM CLASSES

Signups are now being taken for another six week series of swimming classes for tiny tots that will be taught by Adrienne Swinford at the Center's indoor swimming pool.

There are two classes — both held on Tuesdays, starting April 22. The first, for tiny tots 18 months through 3 years of age, is scheduled from 9 to 9:30 a.m., and the second for infants 4 through 18 months of age will follow from 9:30 to 10 a.m.

There is a registration fee of \$7.50 per child for one lesson per week that will be spread out over a period of six weeks.

Registration for these classes is being handled during regular working hours at

(Continued on Page 7)

China Lake Little League baseball season opens Mon.

The China Lake Little League will begin its 29th year of operation on Monday evening, starting at 6 o'clock, at Little League diamond No. 4.

Capt. W. B. Haff, NWC Commander, will take part in the pre-game ceremony by throwing out the first ball, and there will be participation by Little League officials, by LCDR. Rod Wallace on behalf of the NWC All Faith Chapel, and by local Boy Scouts.

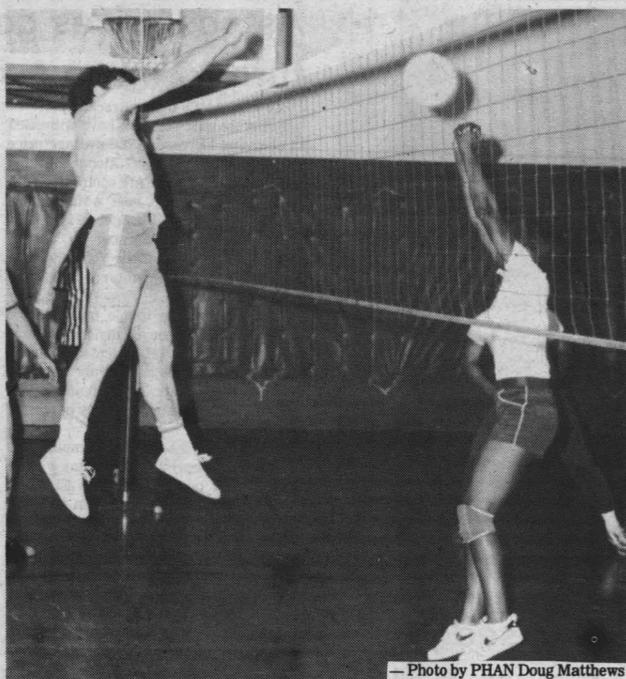
In the first game of the 1980 season, the Yankees, who are the defending champions of the China Lake Little League's Major Division, will tangle with the Dodgers.

This year the Yankees, a team that hasn't lost a regular season Little League baseball game since the 1977 season, have a new manager in Earle Roby and the team coach is Ken Fite.

The Dodgers' strategy department is headed by Dennis Crager, as team manager, and Larry Jeffris is the team coach.

Based on pitching strength, the Dodgers and the Wildcats appear to be the favorites (on paper) to capture the Major Division title this season; however, the Red Sox have looked the best in pre-season practice games.

As a consequence, all signs point to a wide open race for the Major Division crown with improvement in play as the season progresses being the deciding factor.



— Photo by PHAN Doug Matthews

COMMANDER'S CUP ACTION — Kent (Doc) Gibson, of the NWC Gold team, spikes the ball over the net where Sheree Ward, a defender for the VX-5 Vampires, attempts to keep it in play. This first match in last week's Commander's Cup volleyball competition was won by the VX-5 squad, which came from behind to defeat NWC Gold two games to one. On the second and third days of the tourney, however, the NWC Blue (Code 612) team showed its dominance in this event by shutting out both NWC Gold and VX-5 volleyball teams by identical match scores of 2-0. NWC Blue's victory in volleyball boosted the team into a tie with VX-5 for first place in the Commander's Cup standings. The top two teams each have 23 points, while NWC Gold is trailing with 17.

Youth soccer teams romp through 14-game slate

Perfect spring weather added to the enjoyment of the 14-game schedule of China Lake Youth Soccer League games played last Saturday.

In the Pacific Division (for 1st and 2nd grader players) shutout victories were the rule of the day as the Chiefs and Sockers defeated their opponents (the Sunshine and Eagles) by identical scores of 5-0; the Fury blanked the Cobras 3-0, and the Express outscored the Apollos 2-0. In one other Pacific Division tilt, the Earthquake shook the Rowdies 4-1.

In their first win of the current season, the Chiefs posted a 5-0 victory over the Sunshine, one of the league's newly-formed teams. The score might have mounted higher had it not been for the efforts of Ernesto Tatanay, Ralph Giles and Wendy Meeks on defense for the Sunshine team.

Between them, Mark Frisbee and Steve Curran formed an unstoppable attack for the Sockers, whom they led to a 5-0 win over the Eagles. The Eagles had a few good scoring opportunities, but were unable to cash in on them in the second half of this game.

A pair of goals by Armando Valdevia, combined with one by Jacob Jones, accounted for all of the scoring in the Fury's 3-0 defeat of the Cobras. Hillary Smith led the victors on defense as the players for the Fury completely shut off the Cobras' offense.

The Express was another of the teams that battled its way into the win column for the first time this season with a 2-0 victory over the Apollos. Both goals in this game were tallied by Dave Shumway for the Express. Missed scoring opportunities by the Apollos were the key to their defeat.

A single goal scored by Brian Mather was too little, too late for the Rowdies, who lost to the Earthquake by a final tally of 4-1. Three goals by Matt Mann and one more for insurance by Shawn Hamilton produced the margin of victory for the Earthquake team, which dominated the game. Mike Owens, goalie for the winners, made several good saves that prevented any further scoring by the Rowdies.

Competition in the American Division

(for 3rd and 4th grade players) resulted in a pair of 2-0 shut out wins by the Blizzard and Rogues over the Sting and Aztecs, respectively. Scores of other games played last Saturday were Strikers 2, Drillers 1, while the Lancers and Cosmos won their games by identical scores of 3-1 over the Timbers and Hurricane.

A perfect penalty kick by Shaw Carter paced his team (Blizzard) to a 2-0 win over the Sting, whose defense was led by Chaney Yu and Mark Curran.

Another penalty kick, this time by Greg Jansen, gave the Rogues a 1-0 first half lead in their game with the Aztecs. A second half tally by Donald Ashton was the game's only other score as the Rogues blanked the Aztecs 2-0. Good play by Aztec goalies Mark Swor and Greg Burnes prevented the score from climbing any higher in favor of the Rogues.

With assists from Josh Young and Andy Corzine, Richard Fragemen and Chris Johnson scored one goal each to lead the Strikers to a hard-fought 2-1 win over the Drillers. Stars on defense for the winners were John Duncan and Jeff Tanner. Standout on offense for the Drillers was David Tetmeyer, who came through with his team's only goal.

The much-improved Lancers surprised the Timbers by winning an exciting game by a score of 3-1. Three players for the Lancers—Joe Schultz, Jason Hall and Matt

China Lake golf course is now closed, expected to reopen for play by April 30

The China Lake golf course will be closed until further notice in order to accomplish necessary watering and maintenance, it was announced Tuesday by Bob Huey, head of the Recreation Branch in the Special Services Division.

The golf course watering system is being improved under a sewage system contract. This work includes the provision of proper chlorination facilities so that effluent from the sewage system can continue to be used for watering.

At the present time, the golf course is being damaged by wind, the lack of water and a delay in aerifying the greens. In order to insure that the course is not irreparably damaged, it will be closed until the work on the water treatment system is completed.

It is anticipated that the golf course will re-open no later than April 30, but until the entire course (including the driving range and putting greens) is closed. Monthly and yearly memberships will be extended for all golf course users for the period of time equal to that which the golf course is closed.

14-team fast pitch softball tournament starts here tonight

Local fast pitch softball fans will have the opportunity to get their fill of watching this action-packed sport during a 14-team double elimination tournament that will get underway here this evening.

This event, which is sponsored by the NWC Special Services Division, the Kern Area Umpires Association, and Don Chizez, outgoing mayor of the City of Ridgecrest, has attracted a total of 14 teams from as far away as San Diego.

The entrants will be competing for both team trophies and individual player awards during games that will be played on the Pony League baseball field and on the softball diamond at Schoeffel and Reardon Fields.

Teams scheduled to participate in the tourney, which will begin tonight and continue on Saturday and Sunday are the Naval Air Station, Miramar, and the El Cajon Rangers, from the San Diego area; Shakey's Pizza, the Blackhawks, and 11-C Furniture, all from Bakersfield, and a Barstow team.

Other squads that will travel here for an early start on the softball season are the J.C. All Stars, the Spoilers, and the Cowboys, all from Trona. Local teams entered are the NWC Varsity and four Ridgecrest teams — Pizza Villa, Vinyl Disc, Fuller Masonry and San Sierra.

Tournament action will begin tonight at 7 o'clock with a game between the NWC Varsity and the J. C. All Stars from Trona at the Pony League diamond, and a second contest at the same time between Fuller Masonry and the Trona Spoilers. A third game, between San Sierra and the Trona Cowboys is slated tonight at 8:30, also at the

(Continued on Page 7)

Mechtenberg—booted in goals for their team, and John Caroz led the Lancers on defense. An unassisted goal by Bill Corley was the only score for the Timbers, although Wayne Ziegler played well on offense in a losing effort for the Timbers in the first half, and then prevented several possible scores by the Lancers as goalie for the Timbers in the second half of this game.

Three goals by Scott Hamilton of the Cosmos helped to produce a 3-1 win by the Cosmos over the Hurricane. Hamilton got lots of help in moving the ball into scoring position from two of his teammates—Greg Garcia and Perry Shibley—and a scoring assist on one tally was credited to Kerri Ashley. Top defenders for the Hurricanes were Tommy Fallor and Shannon Haaland, the Hurricanes' center halfback and center fullback, respectively. The only goal scored by the Hurricanes was tallied by Greg Schmitt, with an assist from Tony Haaland.

A trio of exciting games marked last Saturday's action in the National Division (for 5th and 6th grade players). The Surfs outlasted the Tornados to post a 2-1 victory; the Kicks and Sounders battled to a 1-1 tie; and the Roundnecks edged the Whitecaps 3-2.

In the Surfs vs. Tornados' game, the Surfs surprised their opponents by scoring a goal in the first few minutes of the contest. Evan Serpanos booted the ball into the net for the Surfs to give his team a 1-0 lead that

(Continued on Page 7)



BIG JOB AHEAD — Two Naval Reservists from Naval Weapons Center Support Unit 0176 — LCDR. Charles Anderson (at left) and LCDR. Sam Alonge — look over one of the RA-5C Vigilante aircraft from which the jet engines will be removed by members of their unit during a two week period of active duty for training.

Reservists to begin two weeks of active duty

A period of two weeks of active duty for training (ACDUTRA) will begin this weekend for the 33 members of Naval Weapons Center Support Unit 0176, a Naval Reserve Air Systems Unit.

The principal project assigned to the Navy Reservists, who will be on the job at Armitage Airfield, will be the removal of the latest versions of the J-79 jet aircraft engines from seven RA-5C Vigilante reconnaissance aircraft that have been delivered here for use in tests by the Systems Development Department's Survivability-Lethality, and Aircraft Targets Division.

ENGINES DESTINED FOR FLEET

These "smokeless" jet engines will be sent to the Fleet for use in the F-4 Phantom.

Back into the "condemned" aircraft that are scheduled to be used in test work at the Aircraft Survivability test site will go an older model of the J-79 engines sent here from the Fleet for use not only in the Vigilantes slated for destruction in test work, but also in a group of F-4s that are due to be converted to drone targets.

Gus Cline, a civilian employee who is a lead mechanic from the Naval Air Rework Facility (NARF) at Jacksonville, Fla., will be here to instruct the Naval Reservists in this task, and then oversee the work as it is being done.

OTHER SUPPORTING ACTIVITIES

Other supporting activities on this project, in addition to NARF Jacksonville, will be the Naval Air Reserve Unit, Point Mugu; the Naval Aviation Logistics Center, Patuxent River, Maryland; and the Naval Air Systems Command in Washington, D.C.

According to LCDR. Sam Alonge, USNR, who is the Naval Weapons Center Support Unit 0176 training officer, this will be a unique project for a Naval Reserve unit. Typical ACDUTRA assignments involve

Centerites roll to work on many kinds of wheels

Naval Weapons Center personnel have long been noted for creative ways to solve problems, and the high price of gasoline has brought about some very creative methods of riding to work.

Many health-conscious Center personnel have pedaled bikes to work for years, but less conventional wheels, such as unicycles and tandem bikes are now also being used.

Anyone for roller skates?

going on active duty as an individual or with a unit, and then being integrated into different shops and participating in whatever on-going work is in progress.

In this case, the local Naval Reserve unit has been assigned the responsibility of handling this project itself. Local project management is shared by LCDR. Alonge, who is employed as a project engineer in the Electronic Warfare Projects Branch of the NWC Electronic Warfare Department, and by LCDR. Charles Anderson, assistant head of the NWC Weapons Planning Group.

Naval Weapons Center Support Unit 0176 is commanded by Capt. Terry M. Badger from La Canada, who is a sales engineer for an aerospace company in the Los Angeles area, and the unit's executive officer is Cdr. Doug Kerby, a sales engineer for an air conditioning firm (J. D. Sales Co.) of Los Angeles.

MOST ARE LOCAL RESIDENTS

Most of the members of this Naval Reserve unit's officers and enlisted personnel live and work in the local area. Its current complement of officers has a combined total of more than 80 years of naval aviation experience. In addition to the officers previously mentioned, others who work at NWC or in Ridgecrest are: LCDR. J. M. Garcia, Jr., LCDR. R. J. Rungo, Lt. K. B. Pritchard, Ltjg. J. G. Bates, and Ltjg. R. Juarez.

In addition, LCDR. R. S. Blackburn, vice president of engineering for the Vernon Tool Co. in Oceanside, and LCDR. G. B. Forsyth, a sales engineer for Pacific Scientific in Anaheim, Calif., round out the group of officers who are members of Naval Weapons Center Support Unit 0176.

Among the unit's enlisted men who will be working on the aircraft engine removal

YN2 Colvin singled out as VX-5 Sailor of Month

Yeoman Second Class Louie V. Colvin was selected as Sailor of the Month for February by Air Test and Evaluation Squadron Five (VX-5).

In the letter of commendation to YN2 Colvin, Capt. P. D. Stephenson, Commanding Officer of VX-5, stated that "Your natural leadership ability and initiative in supervising the Reports Management Office in the absence of a Branch Chief Petty Officer is noteworthy."

The letter continues, "through conscientious effort and willingness to work extra hours, you have been primarily responsible for easing the otherwise overwhelming workload of the branch during a period of undermanning."

The letter concludes with a commendation for YN2 Colvin's professional competence, devotion to duty and motivation as being most impressive.

YN2 Colvin, who has been at China Lake

Crowd will get big bang out of firepower display at air show

Highlighting the Armed Forces Day celebration at the Naval Weapons Center on Saturday, May 10, will be an air show that will have not only the Navy's Blue Angels precision flight demonstration team but also other aerial events and a demonstration of firepower of weapons developed at China Lake.

The firepower demonstration in the air show will be led by an aerial drop from three North American B-25 Mitchell bombers of World War II fame.

The dust and smoke from exploding ordnance will hardly have cleared before a flight of ten Douglas A-4 Skyhawks, Grumman A-6 Intruders, and Vought A-7 Corsair IIs will zoom over the airfield to drop Mk 82 500-lb. and Mk 83 1,000-lb. bombs.

ROCKETS TO BE FIRED

Four A-4 Skyhawk aircraft will then demonstrate the impressive firepower of the 2.75-in. rocket and the 5-in. Zuni rockets developed at China Lake.

Closing the scheduled demonstration will be a flight of seven A-7 aircraft strafing the

target area with 20-mm. cannon. The firepower demonstration will be preceded by aerobatics performed by John Harrison of Sacramento in a Beech T-34 aircraft with two wingmen flying T-6s.

World War II aviation fans will be delighted with a flyby of an F-4U Corsair, owned and flown by Robert E. Guilford of Marina Del Rey, and a P-51 Mustang, flown by his partner David Price.

Modern aircraft will be represented by a short demonstration by a Grumman F-14 Tomcat, which will also demonstrate its fire-power.

SIMULATED EMERGENCY

With all the aircraft in the sky, one will have an "emergency," resulting in an ejection seat demonstration from an F-4 Phantom, with a helicopter whirling in to pick up the ejected "airman."

The air show will be climaxed by the hour-long spectacular performance of the Blue Angels Navy precision flight demonstration team, which has not been seen in the local area since 1976.

During the course of their annual show season, the Blue Angels fly more than 140,000 miles en route to the shows they perform throughout the world.

The precision maneuvers demonstrated by the Blue Angels are coordinated and continuous tactical techniques developed in practice and actual combat by Navy and Marine Corps pilots. In carrying out this demonstration mission with the A-4 Skyhawk II, the Blues exhibit the high performance capability of the attack aircraft as well as the high level of training and skill characteristic of naval aviators.

Concerted effort to save gasoline produces results

Naval Weapons Center official drivers made such a concerted effort to save gasoline in March, the first month in which the Navy-wide ten percent mileage reduction program was implemented, that they not only achieved their goal, but actually almost attained the 20 percent NWC goal for reduction in fuel consumption.

Actual mileage accrued for Navy vehicles from NWC and tenant activities in March 1979 was 523,941; March 1980 mileage indicated 98,793 fewer miles driven, a percentage decrease of 18.9.

Capt. J. R. Ives, Public Works Officer, commended departmental transportation representatives and others responsible for the management of transportation assets for their efforts. He also noted that the efforts to conserve fuel and reduce mileage must continue.

Point of contact for the vehicle mileage reduction program is Bob Barnard, transportation superintendent in the Public Works Department, who may be contacted by calling the Public Works telephone number, 3411, ext. 306.

for 2½ years, is a veteran of 7 years of Navy service. He has been in the word processing field for just 1½ years, noting that he did not

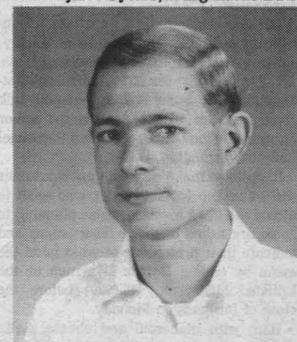
want to get designated too early because he wanted to try a number of fields to find that for which he was best suited.

He was born in Lawton, Okla., but considers Dos Palos, Calif., his home. It was in the latter city that he completed high school and enlisted in the Navy.

Fishing, hunting, camping, biking, and any other kind of outdoor sports events are listed as YN2 Colvin's favorite hobbies. He's joined in many of these by his wife, Nenita, who also enjoys fishing and other outdoor activities.

As a result of his selection as the VX-5 Sailor of the Month, YN2 Colvin will enjoy one month without standing duty watches, receive a 72-hour special liberty and have the use of a reserved parking space near the entrance to the squadron's hangar.

He will also receive a plaque, and his photo will be displayed along with those of other squadron Sailors of the Month.



YN2 Louie V. Colvin

Child's readiness for kindergarten topic of meetings

A series of meetings aimed at helping parents to determine their child's readiness for entering kindergarten will be held Tuesday morning, afternoon and evening.

The information to be presented will be basically the same at each of the meetings, but the times and places of the get-togethers are varied in the hope of making them more convenient for those who wish to attend.

The first session is scheduled Tuesday from 9:30 to 10:30 a.m. in the Joshua Rm. of the Community Center, the second is planned from 2:45 to 3:45 in the media center at Faller School, and the third one will be held from 7 to 8 p.m. in the Las Flores School cafeteria.

According to William Stokes, principal of Pierce Elementary School, who will be present at all three meetings, information sheets designed to help parents determine if their child is ready to enter kindergarten will be distributed, and kindergarten teachers from various schools within the Sierra Sands Unified School District will be present to provide information on the typical activities that take place during this year-long introduction to the public school system.

Flo Condos, kindergarten teacher at Richmond School, will be present at the morning meeting planned in the Community Center, while Gladys Gardner and Glenda Terhune, kindergarten teachers at Richmond and Groves School, respectively, will attend the afternoon meeting at Faller School.

During the evening session at Las Flores School, Stokes will be joined by Mrs. Linda Dickey, a kindergarten instructor from Vieweg School.

Youngsters who will be 5 years old on or before Dec. 2, 1980, are eligible for enrollment in kindergarten classes for the new school year that will start in September.

Hiring freeze . . .

(Continued from Page 1)

According to the SecNav directive, civilian manpower claimants may pool full-time permanent losses occurring after Feb. 29 within activities under their management cognizance to permit the filling of critical requirements or new starts.

Exceptions to the hiring freeze will be permitted only in the rarest of cases when there is immediate danger to the safety of human life or protection of government property, or where an essential function that directly affects human safety could no longer be performed within the hiring limitation.

In the event that significant emergency hiring needs occur, the Assistant Secretary of the Navy (Manpower, Reserve Affairs and Logistics) should be notified immediately, via the chain of command. Such appeals must be fully documented so that sufficient data is provided to allow forwarding to the Secretary of Defense for final resolution of those matters that cannot be resolved within the Navy.

Commanders, Commanding Officers, Officers-in-Charge and managers through the Department of the Navy are directed to give their fullest support and attention to achieving the objectives outlined in this article. This, it was noted, demands a maximum effort by all those who are charged with the management of resources to consider fully all the options available — such as details, reassignment or other techniques in the effective accomplishment of their assigned mission, the message from the SecNav concluded.

FOR NAVY NEWS

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WELCOMED TO NWC — As a memento of his recent visit to the Naval Weapons Center, Rear Admiral G. E. Thomas, Commander, Training Command Pacific, U.S. Pacific Fleet, receives a NWC plaque from Capt. William B. Haff, NWC Commander. RADM. Thomas was here for a series of briefings and a look at the Echo Range facilities. The tour of Echo Range was conducted by Gerry Schiefer, head of the Electronic Warfare Department. RADM. Thomas was briefed by LCDR. William Dunn, Surface Weapons Officer in the Weapons Department, on the Aircraft Carrier Anti-Ship Missile Defense Tactical Flexibility Study, and by Terry Haven, an operations research analyst in the Weapons Planning Group, on the Sea Control exercise conducted this past February at the Naval War College. RADM. Thomas is the principal adviser to the Commander-in-Chief Pacific Fleet on Fleet training matters.

More copies of handbook for mgrs. to be available soon

Positive response by Federal managers and supervisors to the "Manager's Handbook" has prompted the Office of Personnel Management (OPM) to arrange for reprinting so that agencies can obtain as many copies as they need for their managerial workforce.

Arrangements are also being made so that individuals can order it from the Superintendent of Documents, beginning in mid-June.

The 250-page handbook is a primer on the major aspects of Federal personnel management. It is designed to dispel the mysteries shrouding the Federal personnel system and provide useful information and guidance to line managers and supervisors. OPM produced the guide as part of its efforts to implement Civil Service reform.

The handbook was first published in November 1979 and circulated on a limited basis to get comments and suggestions from users. Originally, it was planned to revise and update it this summer but that date has been shifted to later in the year to incorporate more changes and to provide ample time for users to evaluate and comment on the Handbook.

Copies will not be available directly from OPM. Managers who wish a copy of the handbook will be able to obtain one by filing a Request for Books, Magazine, Reports form (ND-NWC-5070/11) with the Acquisition Branch of the Library Division of the Technical Information Department. Copies will be available for purchase after the middle of May.

Instant inventory of fuel storage tanks. . .

(Continued from Page 1)

measure the volume, temperature and specific gravity of fuel stored underground. This is done continuously without the necessity of removing the cap on the storage tank, and the binary coded decimal figures received can either be recorded on cassettes or carried by telephone lines to a computer where the information can be stored. A visual computer readout also can be available at the service station.

Some interesting features of this automated measuring system include a unique method for "tailoring" the system to any geometric configuration of a container or tank in order to correct for any existing tilt. The system also can determine if there are foreign objects or an accumulation of sediment in the storage tank which, using the dip stick method, would lead to a misleading reading regarding the quantity of fuel contained.

In addition, when measuring the contents of a fuel storage tank, the system will compensate for tanks in which the walls have become deformed.

As an additional feature, the automated **Legal liability of managers subject of meeting Tues.**

Presentation of a video tape discussion about the legal liability of supervisors will highlight the next meeting of China Lake Chapter No. 28 of the Federal Managers' Association (FMA).

The meeting, which is open to all interested persons, will be held on Tuesday, starting at 11:45 a.m. at the Enlisted Mess. The program for this luncheon get-together will feature a videotaped talk given by Jean Wilcon, who is the senior attorney for the Office of Civilian Personnel Law in Washington, D.C.

In order to make sure that enough tables will be set up for Centerites who wish to attend the FMA meeting, those planning to do so are asked to make reservations and indicate their preference of what is on the menu by calling Debbie Dyarman at the Enlisted Mess (ph. 446-6929) before the close of business on Monday.

Ham with macaroni and cheese, Salisbury steak or a sandwich will be the menu choices for the day on Tuesday.

fuel measuring system includes an unauthorized-usage alarm and will be readily adaptable to the "Key-Kard" system that is slated to go into use at the Public Works Department service station early next year.

The automated system has been designed in such a way that its two sensor rods — one for measuring volume and temperature of fuel and the other for measuring specific gravity — can be inserted into the fill-port of fuel tanks and not interfere with normal storage tank filling operations.

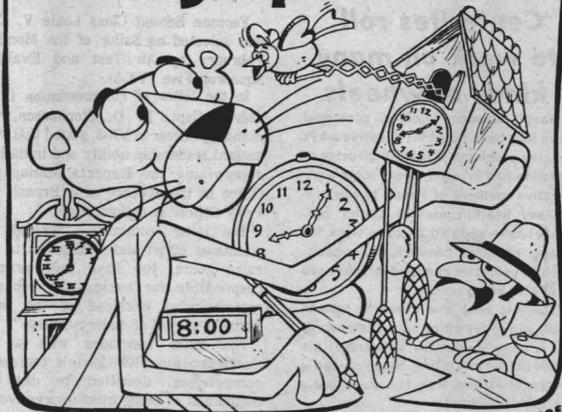
Most components for this device, Amdahl stated, are readily available in stock at most Department of Defense facilities, and installation costs are minimal.

The fuel measuring device could be in-

stalled not only at the main Public Works Department service station, but also could be placed inside the filler ports of remote gasoline storage tanks and the information on quantity of fuel then either recorded at the site on cassettes that could be picked up and checked periodically, or the information could be sent by means of telephone lines directly to a computer and stored.

Amdahl, an employee at the Naval Weapons Center for a little more than a year, has spent a good part of his Civil Service career as a teacher of electronics at the Naval Technical Training Center at Treasure Island, San Francisco. Two years ago, he was involved in calibration work at the U.S. Navy base in Yokosuka, Japan.

Saving energy gives us time to solve our energy problem.



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NEW RANK — LCDR. Tom Fellin is sworn in to his new rank by Capt. W. B. Haff, NWC Commander, at a ceremony held in recognition of his recent promotion from the rank of lieutenant. LCDR. Fellin has served as A-6 Project Officer since March 1979, and has been stationed at NWC since November 1977. He is a graduate of Ft. Lewis College, Durango, Col., and Colorado State University, Ft. Collins, Col., from which he holds a BS degree in mathematics. —Photo by PH2 Tony Garcia

Report issued on proposed pay reform bill now being studied

Passage of President Jimmy Carter's proposed pay reform legislation would reduce federal payroll expenditures for fiscal year 1981 more than \$2.8 billion from their expected level under current law, according to Alan K. Campbell, director of the Office of Personnel Management.

Campbell emphasized that passage of the legislation, the Federal Employees Compensation Reform Bill (S.1340, HR 4477), will not mean pay cuts for military or civilian employees. The budget savings would result because pay increases under the legislation are expected to be smaller than they would be if the present statute remained in effect.

Government projections show that the October 1980 adjustment to federal salaries as required by current law would result in a 10.9 percent raise for federal employees. If the proposed legislation is enacted, in fiscal year 1981, military personnel would receive a 7.4 percent pay raise. Federal civilian employees would receive a 6.2 percent raise as a result of the total compensation comparability provision of the bill. The smaller raises would allow the government to avoid spending \$945 million in military and \$1.858 billion in civilian pay.

NCFCA representative on board next week to counsel military

Dave Cobaugh, the Navy Campus for Achievement (NCFCA) representative from Long Beach, will be at China Lake on Monday, Tuesday and Wednesday, April 21-23, to discuss off-duty educational opportunities with Naval Weapons Center military personnel.

During this same time, military personnel interested in doing so will have the opportunity to take CLEP, ACT and SAT exams that will be given in Rm. 201 of the Training Center. The schedule for these exams is as follows:

CLEP exam (1st two parts) — Monday, April 21, from 12:45 to 5 p.m.

SAT — Tuesday, April 22, 7:30 to 11:30 a.m.

ACT — Tuesday, April 22, 12:30 to 4:30 p.m.

CLEP exam (part three) — Wednesday, April 23, 7:30 to 10 a.m.

Military personnel assigned to duty at NWC who wish to take one or more of these exams must make advance arrangements, to do so call Cobaugh at Autovon No. 360-6425 or 360-6173. The commercial telephone numbers to call to contact the NCFCA representative are (213) 547-6173 or 547-6425.

In urging passage of the legislation, Campbell noted: "At a time when the federal government is doing its utmost to curb expenditures, it is propitious that the Congress has before it this responsible proposal, resulting from years of careful study, which combines a concern for how tax dollars are spent with equal concern for the rights and needs of federal employees."

Federal compensation practices are founded on the principle that federal employees should receive compensation comparable to that of non-federal employees who perform similar work. In the past, adjustments to achieve this goal have been based only on comparative pay rates between the federal and private sectors. The pay reform legislation would make future adjustments more accurate by:

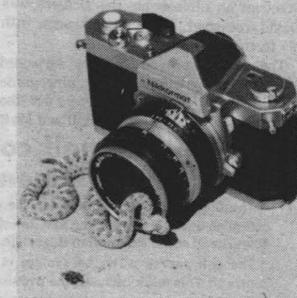
(1) Taking into account fringe benefits in addition to pay when setting federal compensation rates;

(2) Measuring the pay and benefits of the 13 million state and local government workers when making surveys of non-federal compensation.

(3) Establishing most white-collar salaries based on differences in pay for similar work among different localities.

(4) Bringing federal compensation rates and practices for blue collar workers more closely in line with prevailing rates and practices in the private sector.

Hearings on the compensation reform legislation are under way before the Senate Governmental Affairs Committee and the House Post Office and Civil Service Committee.



— Photo by PHAN Douglas Matthews
POSING — A small sidewinder found by PHAA Mark Reinhart in one of the aircraft apron tie-down holes between Hangars 2 and 3 gets acquainted with a camera. The young snake was captured by PH1 Marty Millard at 8 a.m. Thursday, April 17, at Armitage Airfield.

As gas prices go up, drivers turn to more economic vehicles

By AMCS Daniel Brockway
During the past year, we have witnessed an alarming increase in the average price of a gallon of gasoline. Along with the soaring price of fuel we are confronted with automobiles that can cost a large percentage of our annual budget.

Many people are turning to an increasingly popular mode of alternate transportation — motorcycles and motorized bicycles.

Unfortunately, one image many people still conjure up whenever motorcycles are mentioned is that of suicidal maniacs covered with tattoos and unruly hair who wear leather jackets, have chains tightly clenched in their teeth, and enjoy harassing innocent people.

Realistically the average motorcycle operator today may come from any walk of life and may be any age 18 to 80. Their motorcycles serve each of them in a different way.

Fuel economy ranks high on the list, but other factors not easily dismissed are fun, reliability and performance. The one thing they all have in common is a poor survival ratio if they are involved in a car/motorcycle collision.

It is interesting to note that the majority of accidents of this type are caused by the automobile driver not being familiar with the characteristics of motorcycles. The average motorcycle will accelerate more quickly than the average car. This is a fact and should not be taken lightly.

Some of the larger motorcycles can accelerate from 0-100 miles per hour faster than the family sedan can achieve 0-60. The potential for incredible speed is much the same as that which exists in the standard automobile. Whether it is used or not depends largely on the motorcycle operator.

Tailgating a person on a motorcycle will Course slated on Management of Troubled Employee

Applications are now being taken for enrollment in a personnel development opportunity course entitled "Management of the Troubled Employee" that will be held on Thursday, April 24, from 8 to 11:30 a.m. at the Training Center.

Ken Burton, a psychologist at the Desert Counseling Clinic in Ridgecrest, will be the instructor of this course, which is aimed at introducing supervisors and managers to the Naval Weapons Center's Employee Assistance Program (EAP).

Noting that one of the most difficult tasks a manager faces is discussing marginal job performance with an employee, Burton will provide information in this course on how to use the EAP to improve the job performance of subordinates.

Supervisors and managers attending this course will learn how to handle job performance discussions and where to get assistance regarding employee counseling.

NWC employees interested in attending this course must submit a training request and authorization form via department channels in time for it to reach Code 094 prior to April 24.

Gas sale hours at NEX service station change

Hours of operation have been changed at the Navy Exchange service station effective immediately.

By request of the patrons and with concurrence from both the Navy Exchange Advisory Board and Command, Thursday gasoline pumping hours will now be from 11 a.m. until 5 in the afternoon.

Other pumping hours remain the same. Gasoline may be purchased on Monday, Tuesday and Friday between 7 a.m. and 1 p.m.; Wednesday and Thursday from 11 a.m. until 5 p.m.; and on Saturday from 8:30 a.m. until 1 p.m.

cause the cyclist more concern than almost any other common driving error. You may think the cyclist is pleased with your faith in his/her ability not to fall down.

The thought really going through his/her mind concerns your inability to stop as quickly as the motorcycle. The next time



AMCS Daniel Brockway

you walk past a parked motorcycle take a close look at the braking surface. A 10 to 12-in. disc brake is not uncommon on a motorcycle. That's almost as large as the brake surface on each wheel of your car.

The fact is, a motorcycle will stop much more quickly than a car. If the motorcycle operator has to stop quickly, and you are tailgating, both of you have used up your options.

Motorcycles can be easily maneuvered at various speeds. They are powerful and very fast. The reasons for owning a large motorcycle are similar to those associated with owning a large car. Performance, smoother operation at highway speeds and the ability to carry accessories are all valid reasons for owning a large car or motorcycle.

SPRING MEANS IT'S TIME TO CLEAN

