

Rules announced for artistic entries in flower show

Artistic floral designs will be an adjunct to the Hi Desert Escapade Standard Flower Show "Bloomin' Delights," sponsored by the Oasis Garden Club of Indian Wells Valley, Desert Planters of Ridgecrest and the Maturango Museum.

The show will be held Saturday, May 3, from 1 to 7 p.m. and Sunday, May 4, from 10 a.m. to 4 p.m. at the Enlisted Mess.

Alice Hirsch, chairman of the event, is urging individuals interested in submitting floral designs to begin assembling material for their creations.

Exhibitors can submit only one entry in each class or sub-class in the artistic floral design category. An artistic entry must be the exhibitor's own work, but components may be purchased or borrowed, including the flowers. All entries must contain some plant material.

Bases and accessories, such as rocks, driftwood and figurines, are permitted in all artistic classes. Unless otherwise stated in the schedule, entries must be limited to 24 by 24 in. of table space. (Exhibitors should fill the space allowed or at least two-thirds of it.) Height is not limited.

Contrived containers make the most interesting holders for arrangements.

Some arrangements limited in size from 3 to 8 in. will also be exhibited. Plant material for these may be the designer's choice.

Organizations are also invited to participate. They may submit a self-titled arrangement, interpreting the organization's objectives. Space allowed will be 24 by 36 in.

All entry classes are open to the public, and all are urged to participate — whether or not they are members of the sponsoring organizations.

All artistic entries must be pre-registered with Nelda Darling, the entry chairman, by sending or delivering the entry forms to her at 624 Allen St., Ridgecrest. The entry forms for this event must be received no later than Monday. Additional information can be received by calling 375-2135.

Entry forms are printed on the back of the "Bloomin' Delights" schedule, copies of which may be obtained from the Ridgecrest Library, the Indian Wells Valley Water District office, Ridgecrest Chamber of Commerce office, or at Means Nursery in Ridgecrest. At China Lake, entry forms are available at the Center Library and the Maturango Museum, while in Inyokern they may be obtained at the Country Store or Our Shop.



ACTIVE PARTICIPANTS — Three attendees at the afternoon workshop conducted on the second annual Secretaries' Day are deeply involved with one of the exercises presented while (standing) Helen Reynolds, management consultant, and Belle Hervey, NWC Federal Women's Program Coordinator (at right), watch.

Many, varied activities slated as part of Hi Desert Escapade

Months of preparation for one of the big weekends of the year will be culminated by a multitude of activities on Saturday and Sunday, May 3 and 4, during the Ridgecrest Chamber of Commerce-sponsored Hi Desert Escapade.

Civic, service, social and youth groups all will have a part in this gala event, which will include tours to nearby points of interest on the high desert, outdoor breakfasts on both days from 7 to 11 a.m. at East Kern Regional Park in Ridgecrest, a standard flower show and wildflower display at the Enlisted Mess, an art festival at the Community Center, and a steak barbecue followed by dancing on Saturday night at the Desert Empire Fairgrounds.

For those looking for vigorous exercise there will be a trek along a newly-completed six mile segment of the Pacific Crest Trail, starting at Walker Pass, while other nature lovers will be invited to join a guided tour in search of wildflowers.

For gem and mineral enthusiasts, there will be a trip to the Lee Flat area—a scenic spot overlooking Saline Valley and a portion of Death Valley—where a variety of gemstone materials may be found.

Other outings scheduled include self-guided and car caravan tours to Red Rock Canyon, the famous "Burro" Schmidt tunnel, Fossil Falls, the Kerr-McGee Chemical Corp. plant in Trona, and the Rand Mining District.

Since desert wildlife can be a bit shy, visitors will have the opportunity to see some of the creatures of the Upper Mojave Desert at close range, but safely, at the James Monroe School in Ridgecrest.

Ceramics show set Armed Forces Day at Armitage Airfield

A ceramics show, sponsored by the Recreation Branch of the NWC Special Services Division, will be held on Saturday, May 10 (Armed Forces Day) from 9:30 a.m. to 4 p.m. in Hangar 3 at Armitage Airfield. Entries will be accepted from novice through professional caliber ceramics enthusiasts, and divisions have been established to accommodate everyone, regardless of ability.

An entry fee of 25 cents per piece will be charged, and all entries must be turned in at the Ceramics Hobby Shop on Friday, May 9, between 11 a.m. and 8 p.m.

Copies of the entry forms and rules for this event can be obtained either at the Ceramics Hobby Shop or at the Recreation Coordination Office. For additional information, those interested should call NWC ext. 2942.

Ballet classes to benefit Maturango Museum scheduled

Swimsuit time is here — are you ready for it? Shape up for the summer and get into the swim of things. A series of ballet classes to benefit the Maturango Museum building fund is again being offered by Ballet Arts Theatre.

Adult classes for beginner, intermediate, and advanced students at a special rate of \$30 for six weeks (with checks made payable to the Maturango Museum) will be taught by Bette Jacks, director of Ballet Arts Theatre.

Instruction will be adapted to each individual so that the student just seeking exercise will be as much at home as those wanting to seriously study classical ballet. Morning, afternoon and evening classes will be offered in order to fit into everyone's schedule.

Mrs. Jacks has been teaching ballet in the local area for 20 years. She has studied with master teachers in New York City, Los Angeles and at Arizona State University in Tempe. She has been commended as one of the nation's outstanding teachers by the Master Dance Teachers of America.

Registration will take place today and also on Monday from 4:30 to 5:30 p.m., and next Tuesday from 1 to 2 p.m. and 5 to 6 p.m. at 303 Blue Ridge Rd., China Lake.

Classes are scheduled to begin in May.

Sunshine House will benefit from music by Starshine Singers

Music lovers still have tonight and tomorrow night to hear an evening of good music by attending performances of the Starshine Singers at the Community Center starting at 8:15 each evening.

The two performances are benefits for Sunshine House, a local activity center for the handicapped; donations are \$2, with tickets for enlisted military personnel, children and senior citizens priced at \$1.50 each.

Starshine Singers Elena Vitale, Reno Venturi and Cynthia Harris will be backed by a combo consisting of Mike Bass, drums; Bill Stader, bass; and Tammy Butler, piano. The music will range from songs of the '50s to Academy Award winners to pop music.

A special events pass will be issued at the main gate for anyone who does not hold a regular NWC pass; all that is necessary is for the visitor to tell the gate guard that he or she wishes to attend the benefit performance at the Community Center.

Museum President Bob Berry to guide field trip tomorrow

Wildflower photographer and Maturango Museum president Dr. Bob Berry will guide a camera-oriented field trip to nearby canyons tomorrow. The tour will start at the museum at 8 a.m. and will last until early afternoon.

This event is open to anyone who is interested in identification and photography of desert wildflowers.

Although local floral displays are beginning to wane, other varieties are starting to bloom at higher elevations, with beavertail cactus and blue sage providing good picture-taking opportunities, Dr. Berry said.

Participants should bring lunches and be prepared for some moderately strenuous hiking, he added.

Further information may be obtained by telephoning the museum at 446-6900.



Commissioned Officers' Mess Members and guests are invited to dine on Tuesday evening, when the Commissioned Officers' Mess will provide a Turkish Night menu.

Turkish dishes such as beef shish kebob at \$6.75 per person, chicken shish kebob at \$6.25 per person, and lamb shish kebob at \$6.50 per person will be served from 5 to 9 o'clock.

U.S. Government Printing Office: 1980—No. 1023

From: _____ PLACE STAMP HERE

To: _____

Mt. St. Helens volcano dust reaches desert

The Naval Weapons Center — and points south and east of the Center — had an unusual visitor last week: dust from the eruption of Mount St. Helens in southern Washington State.

The fine white dusty haze high in the sky that appeared on April 13 and deepened for several days before clearing looked like the variety more common to this area, that produced by Owens dry lake roughly 50 miles north of the main site of the Center. But Dr. Larry Mathews, of the Earth and Planetary Sciences Division in the Research Department, and weather forecaster John Gibson, of the Naval Oceanographic Command Detachment, don't think that it was.

PILOTS REPORTED AT 35,000 FT. Pilots reported encountering dust at altitudes of up to 35,000 feet; Owens Valley dust and photochemical air pollution rarely are found higher than 10,000 to 11,000 feet. The material in the air was fine and white, not the brownish haze that is produced by photochemical pollution (like that encountered over the Indian Wells Valley in August 1978 when unusual weather patterns brought smog to the desert).

A fine white band showed on pictures taken from the weather satellite that delineated the eastern edge of a northerly flow aloft from Washington State down the east side of the mountains through the local area and on south.

THEORY EXPOUNDED

Mathews and Gibson theorize that on Sunday, April 12, Mount St. Helens puffed gases and particles into the upper atmosphere. Winds swooping down and south from the stratosphere on the eastern side of a high normally bring extremely clear air, but particulates had been thrown to high altitudes by the eruption and were picked up by these winds and spread throughout the southwest.

Tom Dodson, NWC Environmental Protection Officer, received calls from Edwards Air Force Base personnel on Monday, April 13, asking if NWC knew the source of the dust reported by Air Force

(Continued on Page 3)

Work proceeding on construction of RCC bldg.

Work is proceeding as scheduled on the construction of the Range Control Center (RCC) building which, when finished and completely equipped, will be the heart of the Naval Weapons Center's range improvement and modernization program.

Construction work on the RCC was initiated in July 1979 under a \$3,229,500 contract awarded by the Western Division of the Naval Facilities Engineering Command in San Bruno, Calif., to the J. R. Youngdale Construction Co. of San Diego.

This part of the range improvement and modernization program is expected to be completed in early November 1980. At the present time, subcontractors are busy installing the raised flooring for the rooms that later will house computer equipment, installing equipment in air conditioning and electrical generator rooms, putting the finishing touches on the roof of the building, and pouring concrete for curbing and islands in the parking lot areas.

TECHNICAL PROPOSALS EVALUATED

While this construction work is underway, the RCC Program Office (Code 6204) is in the process of evaluating technical proposals prior to selecting a prime contractor to design and build the Range Control Center Integration and Processing System (RIPS).

RIPS consists of a Computer Center, a Range Status and Coordination Center, and three Test Control Centers from which range operations will be controlled and monitored. The RIPS prime contractor will be responsible for providing and installing equipment in these centers in accordance with NWC specifications.

A three-year contract for RIPS is ex-



nwc rocketeer

Secretary of Year award for 1980 presented to three top office workers

The Naval Weapons Center's secretaries got a well-deserved salute on Wednesday, April 16, when an overflow crowd gathered at the Commissioned Officer's Mess at the Secretaries' Day Award luncheon.

Selected as the outstanding secretary for this second annual event was Susan Irving; taking second and third place honors, respectively, were Dorothy E. ("Dot") Johnson and Phyllis McKinney.

A total of 28 secretaries were nominated by their supervisors and co-workers. Mrs. Belle Hervey, Federal Women's Program Coordinator, said that the selection panel had a very difficult time choosing because of the high quality of all the nominees, but that these winners most closely fit the announced criteria for the award.

PRINCIPALS SPEAKER

Capt. L. P. Aldana, NWC Vice Commander, spoke to the gathering about the value of secretaries to the Center, discussing the myriad of tasks that a secretary must do for the boss.

He noted that "this all takes skill, patience, and charm. You are daily challenged and tested. To truly appreciate his secretary's work, every boss should occasionally do without your services. I would like to assure you that on this special day, you are not unsung heroes. We know that without you, precious little would happen."

He concluded with "I would like to express the Center's appreciation for your efforts and assure you of our understanding and support, and ask that you keep up the good work."



WINNERS ALL — Honored in the second annual NWC Secretary of the Year competition are (l. to r.) Phyllis McKinney, Dorothy E. ("Dot") Johnson, and Susan Irving, third, second, and first place winners, respectively.

A list of those who were nominated as Secretary of the Year was read, and those present were recognized. Capt. Aldana made the presentations to the winners, each of whom received a plaque designed by June Deatheredge from the Technical Information Department. She is a member of the NWC Federal Women's Program

Committee.

Susan Irving, first place winner, has been employed in the Office of the Technical Director for a year. The nomination form noted that she quickly learned every aspect of a difficult job that requires initiative, organization, and an unusual degree of discretion and trustworthiness. The nominator especially commended her poise and graciousness in dealing with the many

(Continued on Page 5)

Public invited to Navy lunch on Armed Forces Day

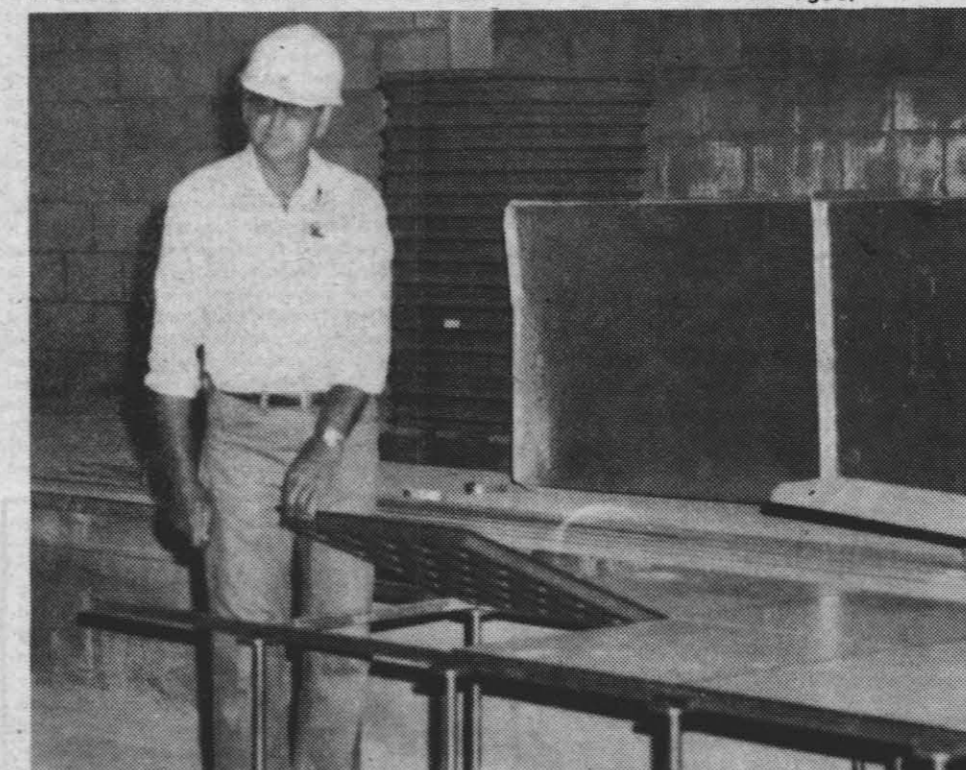
A traditional part of the Naval Weapons Center's Armed Forces Day celebration on May 10 is a Navy lunch in which civilian and military personnel and their families can join to "break bread."

The lunch this year will be served at the Enlisted Dining Facility from 11 a.m. to 1 p.m., with 75 reserved tickets sold for each of four dining periods during that time. Tickets may be purchased at the Food Service Office in the Enlisted Dining Facility. They will also be sold at the Ridgecrest Chamber of Commerce and at Hucek's Travel Service.

Ticket prices for officers and civilians are \$1.95 each; enlisted personnel on COMRATS will pay \$1.60 each; and children under the age of 12, \$1.15.

The luxurious lunch will start with beef noodle soup. Entree for the day is roast baron of beef, which will be accompanied by baked potato, corn on the cob, and green beans with mushrooms. A salad bar will contain an assortment of salads, and hot dinner rolls and assorted breads will also be available. Desserts include pumpkin pie, brownies, an Armed Forces Day cake, and a self-service ice cream bar. Coffee, tea, milk, and assorted cold drinks will be served.

Ticket sales will begin on Monday. Just 300 tickets will be sold so those wishing to attend the Armed Forces Day luncheon are advised to obtain their tickets early.



UNUSUAL FLOORING — The large computer room at the RCC has a raised flooring underneath which will be installed a myriad of power lines and cables. In order to simplify the task of changing or repairing these lines, it will be possible to raise any of the floor panels with a suction device that will be available for this purpose. Demonstrating the movability of the floor panels is Barney Gatch, quality control inspector for the building contractor.

Editorial

Set example of love for U.S.; pay proper respect to flag

Certain events of the past week have focused attention on the need for reminding Centerites of the proper respect that is due the American flag, as well as the need for solemn attention when the National Anthem is being played during opening ceremonies at programs indoors or out.

All conversation or horseplay should cease, and hats or caps be removed by civilians during the playing of the National Anthem. When it is noisy and some in the audience ignore, to all intents and purposes, what is taking place as the "Star Spangled Banner" is being played or the American flag is hoisted to the top of the pole where it is to be displayed, they are making a mockery of what is this nation's proudest symbol.

The foregoing instructions apply not only to young people but to their elders as well, a good number of whom are known to chaff at the bit when called upon to halt their vehicles, or stop if afoot, as they draw abreast of the Administration Circle when the flag is being raised or lowered during morning and evening colors.

Paying proper respect to the American flag is a privilege that multitudes around the world would be ecstatic at being able to enjoy and appreciate because of what this flag stands for. It is not a pennant, but a purpose; not a standard, but a symbol; not a banner but a belief.

The American flag was conceived in justice, fostered by the love of liberty, and nourished by the desire for freedom — a desire that daily becomes more precious in view of current world events.

The American flag is indicative of this nation's ideals and symbolic of the sacrifices made in the preservation of liberty, freedom and justice. Love and respect the American flag — then freedom, liberty and justice live. Neglect the flag and we will perish together.

All citizens should set an example of their pride in this nation and its heritage, and show that pride by rendering the appropriate honors to the flag, in addition to showing proper respect when the National Anthem is being played.

VX-5 selects ADAN Rosenthal as Sailor of Month for March

Aviation Machinist's Mate Airman Armand S. Rosenthal has been selected as Sailor of the Month for March by Air Test and Evaluation Squadron Five (VX-5).

Capt. P. D. Stephenson, Commanding Officer of VX-5, says in a letter of commendation to ADAN Rosenthal that "by maintaining a professional level of excellence and qualification in more aircraft than any other plane captains, you continue to set the standard for others to emulate."

"The Line Division's efficiency and productivity are greatly increased by your individual effort."

Capt. Stephenson's letter continues, "the unselfish use of your off-duty hours assisting and coaching the Immanuel Christian Junior High School basketball team demonstrates your fine personal character. You may take pride in the fact that your involvement and assistance furthers good relations between the Navy and the civilian community."

ADAN Rosenthal coaches one junior high school athletic team; he hopes also to coach high school teams. He himself lists jogging, tennis and basketball as hobbies, both as a player and a coach.

China Lake is the first duty station for ADAN Rosenthal. He has been on board since November 1978, after having joined the Navy from his home state of Missouri in June of that year.

ADAN Rosenthal's future plans are not

definite, but he hopes eventually to qualify as a jet mechanic following college training.

As a result of his selection as the VX-5 Sailor of the Month for March, ADAN Rosenthal 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.



ADAN Armand S. Rosenthal

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The Rocketeer

Official Weekly Publication Naval Weapons Center China Lake, California Captain W. B. Haff NWC Commander R. M. Hillier Technical Director S. G. Payne Public Affairs Officer Don R. Yockey Editor Mickey Strang Associate Editor Beverly Becksvort Editorial Assistant Ron Allen Staff Photographer

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 NAVSO P-35 revised May 1979. Office at Nimitz and Lauritsen. Information published in the Rocketeer does not necessarily reflect the official view of the Department of Defense. Information in The Rocketeer is authorized for public release by the Naval Weapons Center Public Affairs Officer, Code 003. Phones 3354, 3355



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. 2049. 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.

Accounting Technician, GS-525-4, PD No. 790858, Code 0807 — (Promotion potential to GS-6.) This position is in the Internal Review Staff of the Office of Finance and Management, Code 0807. The incumbent of this position performs cash counts of funds authorized to the various activities of the Employees Services Board, the Special Services Division and the Military Messes; participates in inventories and annual audits conducted at those activities; assists in documenting corrective actions taken on external audit recommendations. Job Relevant Criteria: Knowledge of accounting principles and procedures; ability to meet and deal effectively with others; ability to make oral and written reports and presentations clearly, concisely and effectively.

File applications for the above with Claire Boyd, Bldg. 34, Rm. 208, Ph. 2676.

Clerk-Typist, GS-322-3, PD No. 795900-1N, Code 012 — This is a permanent position located in the Office of Patent Counsel. Duties include operating advanced technology word processing equipment, typing material of a legal and technical nature from taped dictation and handwritten drafts, processing invention disclosures and reviewing for proper signatures and completeness of related attachments. Incumbent is responsible for references, enclosures, spelling, punctuation, grammar, and established format correctness in the preparation of finalized documents. Incumbent maintains patent case files and administrative files, orders supplies and serves as timekeeper. Job Relevant Criteria: Ability to type accurately and efficiently; ability to get along with others in the work group; ability to meet deadlines; knowledge of Navy. Although duty station is NWC, China Lake, incumbent will be employed by Office of Naval Research, Arlington, VA.

Library Technician, GS-1411-05, PD No. 8034007N, Code 34312 — Position is located in the Reference and Circulation Branch, Information Science Division, Technical Information Department. Incumbent is responsible for operating the Central Computing Facility Library. Duties include control, circulation and dissemination of Computer Library materials. Job Relevant Criteria: Knowledge of Central Computer Facility organization and services; ability to operate and maintain computer retrieval system; knowledge of Computer Library cataloging and circulation procedures; ability to deal tactfully but effectively with all levels of NWC personnel.

Daily Typing Operator, GS-322-3, PD No. 8034008N, Code 344 — This position is located in the Graphic Arts Division, Technical Information Department. The incumbent is responsible for preparing printing reports from detailed numerical records concerning printing and duplication work at NWC. Prepares job ticket for incoming work as typing official correspondence, memoranda, etc.

Supply Systems Analyst, GS-2003-7, PD No. 802524N, Code 2511 — This is a trainee position in the Planning and Analysis Branch, Planning and Administration Division, Supply Department. The incumbent will assist senior Supply Systems Analysts in the design of systems for processing of Supply Department data by evaluating data processing requirements and current operating methods. The incumbent will have major responsibility for design and will serve as the Data Base Coordinator for the System 2000 data base for Supply. This will include participation in and coordination of the design of the RIMS data base system, proper execution and maintenance, monitoring the activity against it, and controlling the shared access of the users. Job Relevant Criteria: Knowledge of Navy supply systems requirements; knowledge of data processing systems; knowledge of the Request Information Management System (RIMS); ability to deal with personnel at all organizational levels. Promotion potential to the GS-9 level.

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

Procurement Clerk, GS-1106-5/Procurement Assistant, GS-1106-4, PD No. 7825029N, Code 2571 — This position is located in the Contracts Management Branch, Contract Division, Supply Department. The incumbent will be responsible for management of the Center's recurring Automatic Data Processing Equipment (ADPE) lease and rental agreement requirements; determination of lease vs. purchase options; coordination of purchase decisions. Job Relevant Criteria: Knowledge of procurement request preparation procedures; knowledge of the Defense Acquisition Regulations and NAVSUP Publication 457; ability to gather, assemble and verify information; ability to deal effectively with personnel at all levels, both on and

off-center. Promotion potential to GS-7. This is a correction of an ad dated April 18, 1980. Previous applicants need not apply.

File applications for the above with Linda Bego, Bldg. 34, Rm. 212, Ext. 2736.

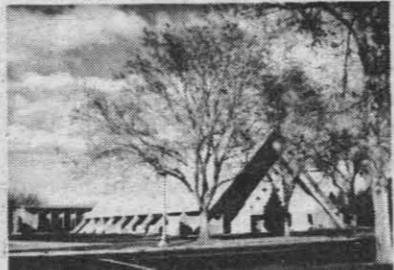
Clerk-Typist, GS-322-3, PD No. 8024037N, Code 24026 — Position is located in the Administrative Services Office, Public Works Department. Incumbent will perform clerical duties which include typing of correspondence, reports, memoranda, instructions, etc. from dictated recordings and rough drafts; proofreading for proper English usage, grammar, and punctuation; and other miscellaneous clerical duties as assigned. Note: Position has promotion potential to GS-4; however, promotion is not guaranteed. Job Relevant Criteria: Ability to type neatly and accurately; ability to meet deadlines; knowledge of Navy/NWC correspondence procedures.

Construction Representative, GS-809-9, PD No. 8024035, Code 2422 — Position is located in the Facilities Service Contracts Branch, Construction Division, Public Works Department. Incumbent will perform surveillance and inspection work on construction contracts between the Navy and private individuals, corporations or partnerships or other contracts subject to administration by NAVFAC. The incumbent reviews project plans, specifications prior to contract advertisement; attends prebid and preconstruction conferences to discuss principal construction features and requirements; coordinates construction operations with contractors, station personnel and Public Works Officer. The incumbent observes and investigates construction at all stages. Job Relevant Criteria: Knowledge of construction practices and methods; knowledge of contract administration; knowledge of construction management; ability to deal effectively with a variety of personnel.

Custodial Work Inspector, WG-3566-6, JD No. 714, Code 2422 — Position is located in the Facilities Service Contracts Branch, Construction Division, Public Works Department. Incumbent will perform inspections of maintenance and service work performed under contract which includes custodial services, grounds care, street and runway sweeping, refuse and garbage collection, road treatments, hood vent and exhaust systems cleaning, carpet installation, and overhaul of plant equipment. Assures that proper trade practices are followed. Prepares daily reports on construction performance, safety deficiencies. Job Relevant Criteria: Ability to inspect; work practices; ability to interpret instructions and specifications; ability to use and maintain tools and equipment; dexterity and safety.

Housing Project Assistant, GS-1173-5, PD No. 8024036N, Code 2451 — Position is located in the Personnel Support Branch, Housing Division, Public Works Department. Incumbent will receive and process applications for base housing; incumbent assigns quarters, schedules check-in, pre-termination and termination inspections of quarters, and maintains occupancy records. Duties also include counseling military and civilian employees who request assistance in locating housing in the local community, and assisting them in locating suitable housing. Job Relevant Criteria: Knowledge of DoD Housing Regulations; ability to tactfully handle contacts with tenants and the public.

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DIVINE SERVICES

PROTESTANT Sunday Worship Service 1000 Sunday School—All Ages 0830 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 0830 1130

Sunday Nursery, Chapel Annex 1 0815 1245 Daily except Saturday, 1135, Blessed Sacrament, Chm.

CONFESSIONS Daily 1115 to 1130 Sunday 0800 to 0825

RELIGIOUS EDUCATION CLASSES Sunday Pre-school thru 11th grade 1000 Above classes are held in the Chapel Annexes across from the former Center Restaurant. Sunday afternoon 12th grade 1630 As announced "In Home" Discussion Groups and Youth Rallies

Contact Chaplain's Office for specifics.

JEWISH SERVICES EASTWING—ALL FAITH CHAPEL Sabbath Services every Friday 1930

UNITARIANS CHAPEL ANNEX #5 Sunday Services—(Sept. May) 1930

Training classes

To enroll in the following classes students should submit NWC Training Request and Authorization Form 12419 73, via department channels, to reach Code 094 before the deadline listed. If handicapped indicate need for first floor room location on training request.

61000G-Telephone Techniques for Everyone; April 30, 10 to 11 a.m. Deadline is open.

Tourney preparations being made by slow pitch softball team

An NWC military slow pitch softball team, led by Jim Tucker as player-coach, has been organized to compete in a tournament here on May 2, 3 and 4, and also to vie in the open division for slow pitch teams entered in the China Lake Intramural Softball League.

In addition to Tucker, who is a pitcher, the NWC slow pitch team has two other players ready to share the mound duties. They are Mike Hastings and Richard Oubre, while behind the plate Barry Hileman is slated to see action as catcher.

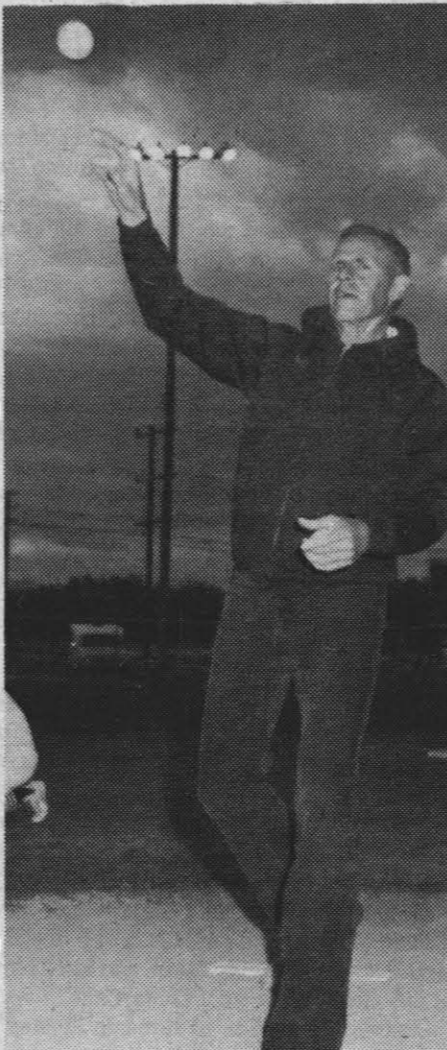
Going around the infield, the players ready to go at each position are: Kim Jung and Homer Basque, 1st base; Jim Easton and Daryl Byrd, 2nd base; Auomani Luupaog and Jay Kerwood, 3rd base; and Willie Moffett, short stop.

Prospective starters in the outfield are Tom Mariner, Rich Prockish and Herb Courier, in left, center and right fields, respectively, and Rob Ross is slated to fill the rover slot. Other players on the team who can help out as needed in the outfield are Dale Patzkowski and Kerwood, a third baseman.

The team is holding regular practice sessions in preparation both for the upcoming tournament, as well as for the start of the China Lake Intramural Softball League season on May 5.

HEAVILY ARMED

The U.S. Navy's F-14 Tomcat jet fighter is armed with 20-mm cannon that can fire 6,000 rounds a minute.



— Photo by PHAN Doug Matthews

PLAY BALL! — Capt. William B. Haff, NWC Commander, pitched the first ball on Monday night during a ceremony held to mark the opening of the 1980 season of China Lake Little League baseball. The game, a Major Division contest between the Yankees and the Dodgers, was won by the Dodgers by a score of 14-2. Even though it was a cold night for playing baseball, the Dodgers were hot as they handed the Yankees their first regular season loss since 1977. Larry Jeffris, Jr., the winning pitcher allowed just 1 hit in 5 innings on the mound, while Alan Ball of the Dodgers was the game's leading hitter with three doubles and a triple.

Youth soccer . . .

(Continued from Page 6)

sturdy defense in this contest was led by Brian Lindsey. National Division teams (5th and 6th graders) played three games last Saturday that resulted in wins of 3-1 and 2-1 by the Sounders and Tornados over the Roughnecks and Whitecaps, respectively. In addition, the Kicks and Surfs battled to a 1-1 tie.

Scott Oliver, Scott Hannon and Corey Trovinger, with 1 goal each, accounted for all of the scoring for the Sounders in their 3-1 win over the Roughnecks. Diaz tallied the lone goal for the Roughnecks.

In a close, well-played game, the Tornados edged the Whitecaps 2-1. A goal on a penalty shot by Kevin Featherston put the Tornados ahead 1-0, but (still in the first half) the equalizer was tallied by Eric Frisbee of the Whitecaps. With only a few minutes remaining to play, the tie breaker was booted into the net by Peter Hueber of the Tornados to give his team a hard-fought 2-1 victory.

In a defensive struggle that ended in a 1-1 tie, goals were scored by Guy Stanton of the Surf, and by Scott Piri of the Kicks, who tallied on an assist from Ryan Miller.

Softball tourney . . .

(Continued from Page 6)

In their return match with Sand Sierra, the 11-C Market squad more than made up for its earlier loss to the Ridgecrest team by getting off to a 6-0 first inning lead and then added 2 more tallies in the fourth inning enroute to an 8-0 shutout victory.

A pair of home runs by Weibe, 1st baseman for the Bakersfield team, sparked this win for the eventual tourney runners-up, and set the stage for the championship clash between the Blackhawks and 11-C Market.



— Photo by PH2 Tony Garcia

HAPPY OCCASION — Dr. John Gilbert (I.) accepts congratulations from Capt. W. B. Haff, NWC Commander, upon being frocked as a lieutenant commander. Frocking is a process by which an officer receives all the rights and privileges of the next higher rank without receiving a raise in pay; it is implemented when the officer has been selected for promotion but must await a promotion date. LCdr. Gilbert, who has been in the Navy 9 months, has been at China Lake since January 1980. As an aviation physiologist in the Parachute Systems Department he deals with biomedical responses to opening shock and post ejection survival. He holds a Ph.D. degree in zoology and physiology from Indiana University.

Class on delegation techniques offered

Enrollment is open in a seminar entitled Delegation Techniques for Supervisors Only that will be taught by James Schmoock, a professional training consultant, from 8 a.m. until 4 p.m. on Monday, May 19.

The seminar is designed to teach people in organizations both how to delegate tasks and how to handle tasks that are delegated to them.

During the day each participant will have

the opportunity to evaluate his or her own style of delegation and to determine which types of tasks they tend to delegate easily and which they find difficult. Specific techniques for improving delegation will be presented.

Those wishing to enroll must submit a training request and authorization form via department channels so that it will reach Code 094 no later than May 5.

(Continued from Page 2)

knowledge of NWC family housing guidelines; ability to keep accurate records and prepare reports.

Heavy Mobile Equipment Mechanic Foreman, WS-5803-11, JD No. 57000E, Code 26772 — This position is at the first full supervisory level in the Transportation Division, Maintenance Branch, Field Repair Section, Public Works Department. The incumbent supervises the maintenance, and servicing of transportation equipment. Schedules subordinates to perform work at various repair shops and at numerous remote sites on the ranges. Must consider firing schedules and availability of equipment. Checks work in progress at each location. As a first line supervisor, performs full range of personnel administration. Directly supervises heavy mobile equipment mechanics, an automotive mechanic and mobile equipment service. Job Relevant Criteria: Ability to supervise; technical practices; ability to interpret instructions, specifications, etc.; knowledge of materials; knowledge of pertinent tools and equipment. File SF-172 and Supplemental Wage Grade Supervisory information sheet with Code 097 to be received not later than May 16, 1980. Forms may be obtained in the Personnel Building, Rm. 910.

File applications for the above with Linda Long, Bldg. 34, Rm. 210, Ph. 2032.

Clerk-Typist GS-322-3, PD No. 8033048N, Code 333 — This position is an Interim (WAE) located in the Fuze Systems Division, Fuze and Sensors Department. Provides clerical, typing and other administrative support to personnel in the Fuze Systems Division and Branch Offices. Duties include: receiving visitors and phone calls; reviews and arranges for reply to incoming correspondence; prepares correspondence, technical articles, reports and other material related to the branches; maintains files, control records, requisitions, etc. Job Relevant Criteria: Ability to type accurately and efficiently; knowledge of Navy correspondence regulations and formats; ability to work effectively with all levels of personnel; ability to handle a variety of clerical duties concurrently. Promotion potential to GS-318-4 Secretary (Typing).

File applications for the above with Susie Cross, Bldg. 34, Rm. 208, Ph. 2371.

Quality Assurance Specialist, GS-1916-7, PD No. 8034031M, Code 3481 — This position is located in the Soldering Technology Branch, Program Support Section, Product Assurance Division, Engineering Department. The Branch is responsible for providing technical expertise in soldering technology, printed wiring manufacture and assembly, documentation and use specifically as it relates to specifications, process technology and quality. The incumbent supports the Branch activities by providing a clear, concise interpretation of the NWC/DoD soldering, printed wiring, conformal coating and other high quality specifications, specifically as it relates to WS-6536. This interpretation is provided through the review of drawing packages, engineering change proposals, deviations, pre and post contract award conferences. These reviews and conferences are conducted in the presence of high level contractor management and professional personnel and require on-the-spot decisions of valid test requirements to prove the worth of a requirement. Job Relevant Criteria: Knowledge of quality control and inspection techniques; knowledge of WS-6536, its implementation and use; ability to communicate effectively, both orally and in writing. Promotion potential to GS-11.

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

General Engineer, GS-801-13, PD No. 8039029E, Code 3905 — This position is located in the Advanced Medium Range Air-to-Air Missile (AMRAAM) Support Office. As NWC project manager for AMRAAM, the incumbent plans, directs, controls, and coordinates the NWC assigned responsibilities for the complex airborne weapon subsystem developments on AMRAAM programs. Job Relevant Criteria: Experience in missile systems design,

analysis, testing, evaluation and production engineering; conducting the evaluation of a major weapon system including extensive involvement with NAVAIR and DoD field activities; ability to deal effectively with personnel of varying technical backgrounds; skill in communicating both orally and in writing.

Electronic Engineer, GS-855-13, PD No. 8039030E, Code 3905 — This position is in the Sparrow Program Office of the Weapons Department. The incumbent serves as the AIR/RIM-7M Technical Manager for the guidance and control system (GCS). Typical responsibilities include, but are not limited to: providing technical interface between Center departments, contractors, and other government agencies; providing technical support for contracts let by NAVAIR/SSCOM and the NWC, translating requirements and performance into feasible system concepts; establishing objectives, priorities, plans, and schedules within available resources; and accomplishing phase test requirements. Job Relevant Criteria: A thorough knowledge of microwave systems, guidance systems, control platforms, development engineering of electronics, avionics systems, and interfacing avionics/navionics systems; experience in technical aspects of R&D program management. A high degree of skill in communicating both orally and in writing with other personnel/managers at the NWC, other Naval activities, DoD agencies, and contractors.

Supervisory General Engineer, Electronics Engineer, Physicist, GS-801-855, 13/15, PD No. 8039031E, Code 3905 — This is a temporary position not to exceed one year. Incumbent is head of the Weapons Development Division, Weapons Department. The division analyzes, designs and integrates weapons subsystems with and into weapons, aircraft and ship systems. It conducts aeromechanical modeling, weapon system design, stabilization and control design, and target development. The incumbent is responsible for the development, design and control of weapons. Job Relevant Criteria: Must have clearly demonstrated ability to supervise; must have experience in planning and the allocation of personnel, financial and material resources; must be current in weapon technology state-of-the-art with experience in providing technical management, review and presentations; must be familiar with the philosophy of operation and the weapons development/acquisition procedures of NWC systems. Commands, OPNAV and DoD, must have ability to understand and further management goals as these affect day to day and long-range work operations, make adjustment to changes, and implement new plans and programs; interest in and support of the EEO program.

File applications for the above with Kitty Berry, Bldg. 34, Rm. 208, Ph. 2371.

Supervisory Distribution Facilities Specialist, GS-2030-11, PD No. 8041002N, Code 614 — This position is located in the Ordnance Division, Aircraft Department and functions as associate head of the division. Incumbent is directly responsible for planning and coordinating functions of the Ordnance Control and Magazine Operations Branches. He will be required to act as the Head, Ordnance Division in his absence. The mission of the Division is to provide ordnance logistic support to the research, test and evaluation efforts to the Naval Weapons Center, tenant activities, and fleet transient units using Center's facilities. Specific functions will include supervising logistic support of and service to all Center Departments and projects in the area of explosives, propellants, AEC and standard and modified ordnance and ammunition; supervising safety and security; performs liaison with military systems commands, other installations, departments and government contractors; maintaining continual contact with other military bureaus, government/civilian supervisory agencies, government departments and government contractors in relation to modifications; Interstate Commerce Commissions, shipping and storage classifications, packaging and handling of experimental explosives and ordnance items for determination as to nation-wide and



OTHTC runners do well in Wild West cross country race

Sixteen members of the Over-the-Hill Track Club (OTHTC) took part last Saturday in the second annual Wild West cross country 10-mile run and marathon (26.2 mi.) race held near Lone Pine.

This event attracted a group of distance runners from Los Angeles and San Diego, as well as some from out of state.

The best effort on the part of local participants in the 10-mile run was turned in by Tom McMahon, president of the OTHTC, who had the best time for men in the 30- to 39-year-old age group. McMahon's finish in 73 min., 5 sec., garnered him third place overall as well.

Other OTHTC members who placed among the top contenders in the various age groups for men and women in the 10-mile cross country run, and their times, were: Tom Rindt (74:11), 2nd, and Jack Clark (79:20), 4th, in the men's 30-39-year-old age group; Alex Shlanta (80:37), 1st, Werner Hueber (80:59), 2nd, Dave Rugg (82:53), 3rd, and John Anderson (86:11), 4th, in the men's 40-49-year-old age group; Scotty Broyles (81:44), 1st, and Neil Krenzel (85:20), 2nd, in the men's 50-59-year-old age group.

Marla McBride (93:41) 1st, Diane Lucas (97:50), 2nd, and Linda Bens (97:57), 3rd, in the women's 30-39-year-old age group.

Other OTHTC members who turned in good performances in the 10-mile run were Tom Marshall, David Bens, Griff Davies, and Ann Teppo.

Dave Lehman was the sole OTHTC entrant in the grueling marathon run.

The course for the Wild West cross country run and marathon followed trails and dirt roads in foothills on the east side of the Sierra Nevada Mountains. The race began and ended at the intersection of the Whitney Portal and Horseshoe Meadow Roads, and there was an elevation gain of 1,500 ft. (from 5,000 to 6,500 ft.) in the first six miles of the course. There also was one creek crossing obstacle to overcome.

Bakersfield Blackhawks win softball tournament

Two fast pitch softball teams from Bakersfield battled it out for the championship of the third annual "early bird" tournament played here last weekend, with the nod going to the Blackhawks by a score of 4-3 over the 11-C Market nine.

Third and fourth place honors in this 12-team event were captured by two Ridgecrest teams — Sand Sierra and Fuller Masonry, respectively.

The title decider, a close game, was tied at 3-3 in the last half of the seventh inning when the tourney champs scored the game-winning run. A single by Mitchell Green, left fielder for the Blackhawks, put him on first base, and he scored a short time later on a hit by Andy Carrasco, the Blackhawks' 3rd baseman.

The winning pitcher was Dennis Bigby, who gave up 5 hits, including a single and a triple, to Lee Culbertson, shortstop for the 11-C Market team. The latter was singled out as the tournament's "most valuable" player.

Enroute to the tournament championship, the Bakersfield Blackhawks rolled to



LET 'ER RIP — Terry Leach, pitcher for the 11-C Market team from Bakersfield, dropped a tough, 4-3, decision to the Blackhawks in the tournament title tilt.

consecutive wins over the Vinyl Disc Outlaws (6-1), Shakey's Pizza (18-4), Fuller Masonry (2-1), and Sand Sierra (10-5).

Green's hitting (a triple that drove in two runs) got the Blackhawks off to a good start in their first tourney tilt — a 6-1 win over Vinyl Disc. Bigby, the winning pitcher for the Bakersfield team, gave up just 2 hits and a single run that was tallied in the top of the seventh inning.

The Blackhawks broke loose for 8 runs in the second inning enroute to an 18-4 trouncing of the Shakey's Pizza team —

another Bakersfield entry in the local tourney. The game was ended after five innings of play. Shakey's held a brief 3-0 first inning lead in this abbreviated contest.

The Fuller Masonry team from Ridgecrest gave the Bakersfield Blackhawks all they could handle before losing 2-1 in a well-played game. Each team tallied a run in the first inning. There was no further scoring until the top of the seventh, when the Blackhawks broke the 1-1 deadlock by picking up another score that won the game.

Carrasco, 3rd baseman for the Blackhawks, started the seventh by drawing a walk and was sacrificed to 2nd base by Swain. A pair of walks then loaded the bases — setting the stage for a hit by Adams that drove in what turned out to be the winning run.

Fuller Masonry's only run in this game was scored by Dan Fuller, leadoff man for the Ridgecrest team, who singled and was driven in on a hit by Don Branson, pitcher for the local team.

The Blackhawks kept the pressure on in their fourth tournament contest by scoring 8 runs in the first three innings of a game against the local Sand Sierra squad. Final score in this contest was 10-5 in favor of the Bakersfield team. Highlight of this tilt for Sand Sierra was a home run by Al Alvarado, 3rd baseman. It was his second 4-base clout of the tourney.

The tournament runner-ups (11-C Market



TOURNEY CHAMPS CONGRATULATED — Al Alvarado (at left), team captain and leading hitter for the Sand Sierra team of Ridgecrest, congratulates David Bigby, manager of the Bakersfield Blackhawks, winners of last weekend's fast pitch softball tourney at China Lake. At right waiting to take part in the trophy presentation ceremony are Vic Sullivan, chief umpire and tourney director, and Don Chizee (with microphone), former mayor of Ridgecrest, who was one of the tourney's co-sponsors along with the NWC Special Services Division and the Kern Area Umpires Association. —Photos by PHAN Doug Matthews

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Warm weather has effect on youth soccer play

The touch of summer weather that came a bit early last Saturday, when the temperature soared near 90, had its effect on China Lake Youth Soccer League teams, whose defensive players seemed to wear down in the final stages of several of the games.

The close competition was a factor, as well, however, as the young players went all out in an effort to register a win for their teams.

In the Pacific Division (for 1st and 2nd grade players) the Sockers and Express each picked up 1-0 victories at the expense of the Apollos and Eagles, respectively. Scores of other games played in this division were Earthquakes 4, Cobras 1, and Fury 3, Chiefs 0.

In a tightly-played tilt between the Sockers and Apollos, Steve Curran booted in the only goal of the game for the Sockers. An off-side call nullified the only score by the Apollos, who were led on defense by Jeff Smith and Tom Markarian.

Steven Savage, of the Express, came through with the only score in his team's 1-0 win over the Eagles. Both teams played well on defense. Singled out for their play on defense for the Eagles were Craig McGowan and Jody Sturgeon.

Two goals by Jeremy Osburn and one

each by Matt Mann and Shawn Hamilton led the Earthquakes to their 4-1 defeat of the Cobras, who picked up their only score of the game on a penalty kick by Seth LaBorde. In a game dominated by the Earthquakes, Kirk Roberts played well on defense for the winners.

Despite being able to put a lot of offensive pressure on their opponents, the Chiefs failed to score and suffered a 3-0 defeat in a game played against the Fury. Goal scoring for the Fury was evenly divided between Armando Valdevia, Bobby Puckett, and Joe Nelson, who tallied once each. Defensive standouts for the two teams were Craig Malik and Mike Ridenhour of the Chiefs, and Tim Scufert of the Fury.

At mid-season in the American Division (3rd and 4th grade players), four out of five games played last Saturday ended in lopsided victories. The results were Timbers and Drillers, winners by scores of 4-1 over the Cosmos and Aztecs, respectively; Rogues 1, Blizzard 0; while the Strikers and Lancers shut out the Sting and Hurricane, 4-0.

Matt Ziegler scored 3 goals and provided an assist to his brother, Wayne, who accounted for the Timbers' 4th tally in their 4-1 win over the Cosmos. The Timbers trailed early in the game following a score by Scott

Hamilton, of the Cosmos, but that turned out to be the only scoring punch the Cosmos could muster in this contest.

The Drillers swept to a 4-1 victory over the Aztecs on goals by Steve Dargo, Greg Boske, Mark Bullard, and David Tetmeyer. The two teams were tied 1-1 at the midway point in the game, but the Drillers outplayed their opponents in the second half to win handily.

A scoreless deadlock was broken by Wayne Shadd of the Rogues in the last minute of the game between the Rogues and Blizzard. Shadd was on the receiving end of a perfect pass from Doug Chalmers, and booted the ball into the right side of the net for the game-winning score. Earlier in this contest, Carl Hibberts, goalie for the Blizzard, had made two fine saves, but the third time was charm for the Rogues, who finally broke through to win the game.

A tough defense led by Brian Finley and Jeff Tanner, coupled with the goal scoring of Richard Fragemen, Joshua Young, Chris Johnson, and John Duncan, resulted in a 4-0 win for the Strikers over the Sting.

Three goals by Scott Shadd were the key to the Lancers' 4-0 defeat of the Hurricane, with one more tally being added for good measure by Rica Rivers. The Lancers'

Special steps taken to enable golf course to re-open

Special measures are now being taken that hopefully will enable the China Lake golf course to be re-opened for play on Tuesday.

According to Bob Huey, head of the Recreation Branch in the Special Services Division, a contract was awarded for pumping properly treated water from a large holding pond into the pond from which water is drawn to irrigate the golf course fairways and greens.

At the same time that this activity is progress, golf course irrigation lines are being cleaned out and inspected by sanitation officials to make sure that no contaminated water from the sewage treatment system remains in the lines. This system is being enlarged as part of a project to consolidate the NWC and City of Ridgecrest sewage treatment facilities.

It is expected that by Monday the water level in the pond used for irrigating the golf course will be sufficiently high to enable irrigation of the course to be resumed — thus clearing the way for resumption of play at the golf course on Tuesday.

Ridgecrest's Navy Appreciation Night tickets going fast

Tickets for the Navy Appreciation Night reception and dance at Joshua Hall in Ridgecrest on Friday, May 9, are going fast. All active duty military personnel and their wives or dates will be admitted free, but they must make reservations to attend.

Theme of the Navy Appreciation Night is "America Is Alive and Well in Ridgecrest, U.S.A." Among the honored guests attending will be the Blue Angels and other participants in the giant air show scheduled for the Naval Weapons Center's Armed Forces Day celebration on Saturday, May 10.

Tickets for the evening's reception and dancing to the music of the fabulous "Maurauders," a band up from Los Angeles, are priced at \$5 per person. Those who wish to sit together may reserve a table for 10 people; groups who have reserved tables can decorate their table on the theme of America and Americana. At press time for this week's ROCKETEER nearly 600 reservations had been made and 38 tables presold.

Reservations may be made at the Ridgecrest Chamber of Commerce, Hucek Travel, and the NWC Program Coordinator's Office in Michelson Laboratory.

A no-host social hour will start at 7 p.m., to be followed by a program and presentations at 8. Masters of ceremonies Harry Parode and Gerry Hucek will call on Congressman Bill Thomas, Assemblyman Phil Wyman, Supervisor Gene Tackett, the Kern County Board of Trade, City of Ridgecrest, Ridgecrest Chamber of Commerce, and the Exchange Club of Ridgecrest to make short presentations.

Music for dancing will begin at 9 p.m.

RCC building...

(Continued from Page 1)

Modernization Program at the Pacific Missile Test Center, Point Mugu, Calif.

Additional systems that will be installed into the RCC are being manufactured and built under contracts that have already been awarded. An Airspace Surveillance Center is being developed by Raytheon Corporation; a Drone Operations Center is being developed by Motorola; and a Communications Center is being developed by the Naval Electronics Systems Engineering Center in San Diego.

Personnel of the NWC Range Department will develop the RCC's Metric Video Center, Video Operations Center, and Timing Center.

The RCC, which ultimately will house approximately 100 employees who will be utilizing this complex equipment, will make it possible to consolidate operational control of the NWC's northern ranges (Baker, Charlie, George, Airport Lake, and Coso) into a single activity.

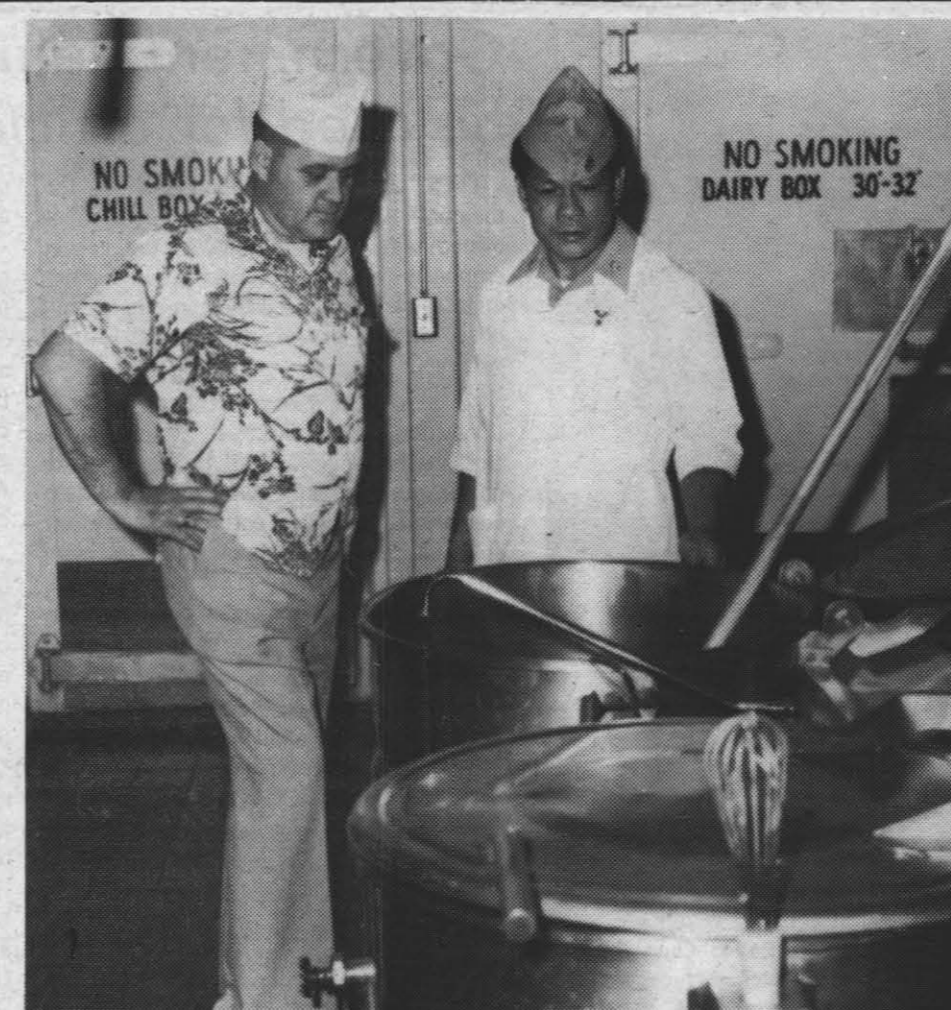
The principal functions of the RCC will be the operation, monitoring, and control of test ranges and instrumentation on all northern ranges plus selected ranges in the Randsburg Wash and Mojave-B areas. This includes the monitoring and control of test aircraft (including drone targets); data collection, processing, and reduction; the surveillance of restricted airspace; and the scheduling of range resources.

Upon its completion, the RCC will function as a single, integrated test control and data-gathering system that will include modern communications, state-of-the-art computers and test control displays, range timing, metric video, video operations, drone control, and ground and airspace surveillance.

Metal Trades Council

The Indian Wells Valley Metal Trades Council will hold its next regular monthly meeting on Thursday, May 1, starting at 7:30 p.m. at 65-B Halsey Ave., China Lake.

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



EDF INSPECTION — A thorough check of the Enlisted Dining Facility (EDF) operations and the food service program was made here on Thursday last week by members of the Ney Memorial Awards finalist evaluation team. K. A. Wright (top photo at left), of the International Food Services Executives Association, co-sponsors of the awards program, is shown with MSC Mario Estrada, senior mess management specialist, as he looks over steam kettles that are used to cook vegetables, simmer meat, or make gravy. In lower photo, MSCS Rogelio Del Parto, assistant food services officer, holds up a saucer to be examined for cleanliness by Cdr. C. K. Yim, Executive Officer of the Navy Food Service Systems Office in Washington, D.C. Evaluation of the EDF included a check of all working spaces and records under the cognizance of the food service officer. In addition, the inspection team observed the preparation and serving of food and sampled meals that were prepared. The EDF, best in the 11th Naval District for the second year in a row, currently is among three finalists in the 1980 Capt. Edward F. Ney Memorial Award Program for excellence in food service in the small shore installation category.



— Photos by Ron Allen

Volcano dust...

(Continued from Page 1)

NWC pilots on a routine flight over Tucson, Ariz. on Tuesday, April 15, reported encountering dust there at altitudes of 23,000 to 26,000 feet, with clear air below 15,000. By Wednesday the dust at Tucson and Yuma had dropped to ground level.

The particulates had a marked effect on the insolation (solar radiation) locally during the week. Insolation normally increases dramatically at this time of the year. On Sunday, April 12, it had risen to 516.2 langley's (a langley is a unit of solar radiation equivalent to one gram calorie per square centimeter of irradiated surface). On Monday, this fell to 495.6, and by Tuesday and Wednesday, it dropped to 488.8 before again beginning to climb as the air cleared.

CLEAN AIR STANDARDS EXCEEDED

Mathews' monitoring of particulate count showed concentrations of 150-200 micrograms per cubic meter on Tuesday and Wednesday, exceeding both state and federal air pollution standards of 100 and 150 micrograms, respectively. He noted that while many of the particles were about what could be expected from Owens Valley dust, others were smaller. Particles from an eruption would not only be dust, but also gaseous material that had converted to particles.

Dodson is sending particles away for analysis to determine definitely whether they came from Mount St. Helens. Mathews is also sending particles in for analysis under the scanning electron microscope to determine their structure and composition.

DUST TRAVELS FAR

While Mount St. Helens is a little under 1,000 miles from NWC, this is not an unusual distance for volcanic dust to travel. When Mount Consequina in Nicaragua erupted in 1835, sufficient ashes were sent skywards so that lamps had to be lit at noon in Mexico City and other places in a 1,700 mile diameter by the next day. Dust from the eruption of Krakotoa in 1883 circled the earth and affected weather patterns for several years.

No such violent eruption is expected at Mount St. Helens because it is not the same type of volcano. The Environmental Protection Agency indicates that historically Mount St. Helens has an eruption pattern of about 25 years before settling back into quiescence. If dust is periodically spewed into the atmosphere and carried throughout the southwest over that amount of time, the amount of solar heating would decrease slightly and on-shore ocean winds could extend further inland, which might have some effect on local weather.

Daylight Saving Time goes into effect Sunday

The annual changeover to Daylight Saving Time will take place at 2 a.m. Sunday.

The simplest way to keep abreast of the correct time is to remember to set all clocks ahead one hour before retiring for the evening on Saturday.

The hour that is lost this weekend will be regained next October in California when the return to Pacific Standard Time is due to take place.

The concept of Daylight Saving Time is not new. Benjamin Franklin was in favor of rearranging the daylight hours to conserve candles and provide more time for outdoor work.

By setting clocks ahead and following the same hourly routine, more of a person's waking hours are hours of daylight. This gives an extra hour of light to motorists during the evening rush hour traffic and an extra hour of play for children who aren't allowed to stay out after dark.

The practice of setting clocks ahead in the summer was first adopted in the United States during World War I as a measure to conserve fuel by eliminating the need for artificial light in the early evening.

During World War II, clocks were kept

ahead continuously from February 1942 to Sept. 30, 1945. During this time in England, time pieces were advanced two hours during the summer (they called it "double summer time") and one hour for the rest of the year.

For years after World War II, people

across the country continued to observe Daylight Saving Time just because they wanted to. They liked the extra hour of light in the afternoon. But not everybody did it, and those who did were inconsistent.

In 1966, Congress finally came to terms with the problem caused by the inconsistencies in the observance of Daylight Saving Time. The passage of the Uniform Time Act required that all states observing Daylight Saving Time switch over at the same time.

In areas where Daylight Saving Time is observed, clocks are now set ahead on the last Sunday in April and back to Standard Time on the last Sunday in October.

Exceptions are the States of Arizona, Hawaii, and most of Indiana, and the territories of American Samoa, Puerto Rico and the Virgin Islands. At all of these places, Daylight Saving Time is not observed.

Energy conservation tip

Serve salads, sandwiches, and cold soups in the summer rather than heating the kitchen by cooking. Or cook in the early part of the day and just reheat foods during the peak power usage hours of noon to 6 p.m.





CHINA LAKE POLICE GET NEW LEASED VEHICLES — Police Chief Ron Nelson (at right) happily accepts the keys to one of the four new pickup trucks that have arrived here for use by China Lake Police from Capt. Jon Ives, NWC Public Works Officer. The shipment included four sedans for patrolling the housing and business areas of the Center, as well as the pickup trucks equipped with 4-wheel drive for covering the NWC range areas. These are the first vehicles to be acquired for the China Lake Police Division under a 2-year lease agreement with a company in Alabama. Going to a system of leasing vehicles for the Police Division is being tried because of problems encountered in replacing these heavily-used vehicles as frequently as necessary using standard procurement procedures.

Government vehicles can only be used for official business

There is continuing emphasis on the meaning of "official use" for government owned vehicles. Additionally, the recent emphasis on energy conservation further dictates renewed discussion on eliminating unauthorized use of government owned vehicles.

As stated in Department of Defense (DoD) Regulation 4500.36-R, "the use of all DoD motor vehicles shall be restricted to official purposes only. When questions arise concerning the official use of a vehicle, they shall be resolved in favor of strict compliance with statutory provisions."

A United States Code states that any officer or employee who willfully uses or authorizes the use of any government owned passenger vehicle for other than official purposes, shall be suspended from duty... without compensation, for not less than one month...

To help employees from unwittingly using a vehicle for unauthorized purposes, some examples of unauthorized use are:

(1) The use of a government vehicle for travel between domicile and place of employment or any part of the route between is not authorized, except for enlisted personnel between troop billets and work areas. Do not use a government vehicle to go home for lunch. Do not use a government vehicle for any part of the travel between domicile and place of work such as operating a government vehicle to where a

private owned vehicle is parked and then exchanging vehicles to continue the travel.

(2) Do not use a government vehicle for transportation to, from, or between locations for the purpose of conducting personal business or engaging in other activities of a personal motive. Some of these facilities include the golf course, clubs, Commissary Store, Navy Exchange, gymnasium, swimming pools, bank, tennis or handball courts, and commercially equivalent facilities.

(3) Transportation may only be provided between lodgings and duty stations for personnel on temporary duty when public or commercial facilities are inadequate or non-existent. If adequate bus, taxi, or commercial rentals are available, government vehicles are not to be used.

(4) Transportation by a DoD motor vehicle shall not be provided when the justification is based on reasons of rank, prestige or personal convenience.

Any cases of doubt as to official use of a vehicle should be referred to the head of the Transportation Division in Public Works, (Code 267).

Second child care center will open in Chapel Annex No. 1

The Recreation Services Children's Center (formerly the ESB-operated Child Care Center) has announced plans to open a second child care center that will commence operation on Monday, May 5, in Chapel Annex No. 1, located at the corner of Blandly Ave. and Lauritsen Rd.

The new child care center will be for youngsters from 6 months to 5 years of age, who may be dropped off there by their parents or guardians. Hours of operation will be Monday through Friday from 7:30 a.m. to 4:30 p.m.

Plans to open during evening hours several times a month will be pursued if there is an interest from patrons.

One of the programs planned for budget-minded parents is a Volunteer-for-Credit program. Parents who wish to donate their time to the center can earn credit to be applied to their child care bill when they wish to use this facility at a later date.

The volunteer program also will enable participants to earn work experience that can be used in applying for a paid position at most Navy child care centers — something military families could find useful to them as they move from place to place.

Those interested in additional information about the volunteer program are asked to contact Polly Ferraro by calling NWC ext. 2735.

Use of gasohol is now authorized for Navy vehicles

Navy activities and organizations operating administrative use motor vehicles are now authorized to purchase and use gasohol — a mixture of 10 percent alcohol and 90 percent unleaded gasoline.

It is difficult to predict immediate effects of this action, but in the past, the Defense Fuel Supply Center (DFSC) has encountered problems securing contracts to supply all required unleaded gasoline for military use. Activities indicating willingness to accept gasohol or a combination of gasohol and unleaded gasoline may have better luck contracting for required amounts.

This ruling extends to users of government credit cards such as recruiters. The inclusion of gasohol for use in government vehicles is in keeping with an announced Presidential goal that 10 percent of all unleaded fuel used in the U.S. shall be gasohol by 1981.

Technical information on gasohol use is available from the Transportation Division, Naval Facilities Engineering Command (Autovon 221-8189).

Navy Relief fund drive to begin May 4

The annual call for contributions to the Navy Relief Society (NRS) will begin on Sunday, May 4, and continue through Friday, June 6. Activities in connection with the 1980 NRS campaign will be coordinated by LCDrs. William F. Ellis and James R. Glover, Jr., the co-chairmen of this event.

The timing of this yearly fund-raising effort, which provides the means for the Navy to help its own in time of emergency or personal distress, coincides with the anniversary of the crucial Navy and Marine Corps sea and air battles of the Coral Sea and Midway Island during World War II.

The Navy Relief Society, which was founded in 1904, is the naval service's own private, charitable organization. It provides emergency assistance in time of need for Navy and Marine Corps personnel, their dependents, surviving widows and children.

This annual appeal has a double purpose: (1) to educate Navy and Marine Corps personnel regarding the availability of Navy Relief Society Assistance, and (2) to obtain contributions needed to continue Navy Relief Society services.

In order for the NRS to be able to continue this work of rendering aid in times of need to Navy and Marine Corps personnel a generous response is needed.

Financial assistance may be in the form of an outright grant, a loan without interest, or a combination of the two — depending upon the ability of the individual to repay a loan in his or her particular circumstances. Assistance to dependents of deceased personnel is almost invariably a gift.

The Navy Relief Society is organized on a national basis and operates through 55 auxiliaries and 58 branches located at the principal Navy and Marine Corps bases and stations throughout the world. A total of 50 social workers and 49 visiting nurses are employed, and overhead is kept at a minimum by utilizing the services of more than 3,000 volunteers.

Since 1907, the NRS has received casualty reports of Navy and Marine Corps personnel and, after a death becomes known, the society writes or calls the widow to offer assistance. In addition, there have been numerous instances in which the society has helped families of Navy men who have gone to sea or Marines sent to quell disturbances in foreign lands without providing allotments for their families. Sometimes allotments have been made but not

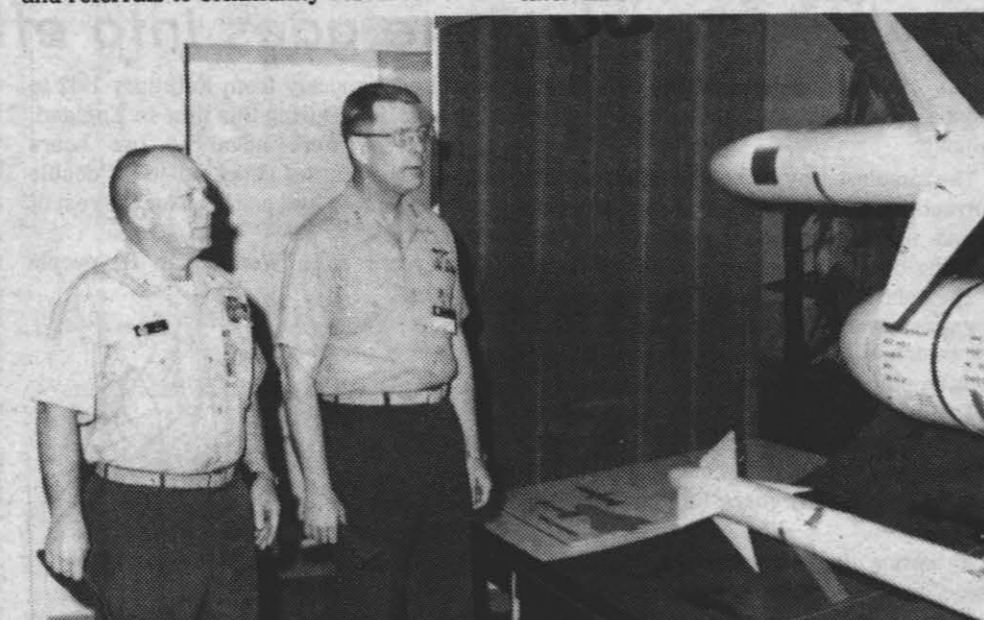
received.

When this happens, the NRS steps in with cash to help keep wives and children "afloat" until money starts coming in again.

Other typical reasons for which financial aid may be granted to an active or retired serviceman or woman and their dependents, or a widow, minor orphan children or truly dependent parents, are:

Travel in special cases of illness or death; funeral expense, (there is a \$500 limit to help cover basic funeral costs), vocational training for widows and orphans in approved public and private schools when needed to make a living.

NRS also provides special care and training for handicapped children, including temporary placement pending admission to an institution, as well as special assistance to widows and dependent mothers over 65 years of age. Among other types of financial assistance provided by NRS are counseling on financial matters and referrals to community resources with



DISTINGUISHED VISITOR — Lt. General William J. White, USMC (at right), gets a look at a display of bombs and missiles typical of the work of the Naval Weapons Center upon his arrival here Tuesday morning from Marine Corps Headquarters in Washington, D.C., where he is the Deputy Chief of Staff for Aviation. General White, who was escorted in this photo by Col. Erin D. Smith, head of the Marine Corps Liaison Office at NWC, came to China Lake to learn about programs the Center is involved in that may be of interest to Marine Corps aviation. Among other things, he was briefed on aircraft gun systems, new ways of spreading smoke for screening purposes and, at VX-5, inspected a helicopter equipped with the angular rate bombing system. — Photo by Ron Allen

Top secretaries...

(Continued from Page 1)
high ranking visitors who come in contact with that office.

Dorothy E. ("Dot") Johnson, second place awardee, is secretary for the Conventional Weapons Production Office, through which 12 project managers manage 14 programs. Her organization of office materials and files is such that in her absence any of the cognizant program managers can locate in a minimum of time all the materials needed for his program. Her absolute trustworthiness in not only meeting all deadlines, but also in handling confidential and "need to know" program and contractual matters is vital to the office. The office has also received numerous comments from visitors on her professionalism and courtesy.

Phyllis McKinney, third place awardee, is secretary to the head of the Special Services Division, branch heads and division managers of several of the branches. When she took over the job, it had been vacant for seven months and a massive backlog of work existed. Through her efficiency, this backlog has been eliminated, and an effective workflow established. The nomination states also that "she has brought tranquility into a chaotic atmosphere."

Other secretaries nominated and their codes were Ann Soto, Code 3105; Beverly Wood, Code 394; Leanna A. Claunch, Code 3640; Carole A. Poppen, Code 264; Georgia L. Hall, Code 3107; Nancy Maegaard, Code 3353; Janice Schorr, Code 3931 (nomination signed by 18 people); Patsy G. Smith, Code 333; Cathy Tozer, Code 081; Sarah G. Woolever, Code 3502; and Barbara J. Rohret, Code 3141.

Deanna Johnson was nominated by Code 3463 and 352; Linda G. Kennedy, Code 32; Mary E. Wyatt, Code 3104; Marcia P. Clark, Code 36021; Ellen Crump, Code 3261; Sharon McKinney, Code 642; Beth Holtermans, Code 003; Darlene Beyer, Code 3604; Donna C. Malone, Code 3318; Carol King, Code 35101; Ver V. Espiritu, Code 3352; Charlotte Eady, Code 2501; Shirley Tate, Code 3906; and Mickey Keith, Codes 3512 and 3553.

Report lists those departments able to cut vehicle mileage

The dramatic 18.9 percent overall cut in mileage driven by the Naval Weapons Center's vehicles during March 1980 in comparison to March 1979 sparked interest throughout the Center to see which departments and attached activities were influential in affecting the savings.

Departments that were able to reduce their mileage included: Research Department, 1,872 miles less for a 68.2 percent reduction; Technical Information Department, 1,525 miles, 52.8 percent; Weapons Department, 6,330 miles, 52.5 percent; Electronic Warfare Department, 14,938 miles, 41.6 percent; Engineering Department, 1,824 miles, 34.6 percent; Fuze and Sensors Department, 1,541 miles, 30.1 percent; Public Works Department, 46,935 miles, 21.5 percent; Aircraft Department, 6,251 miles, 21.4 percent; Ordnance Systems Department, 7,964 miles, 19.7 percent; Office of Finance and Management, 471 miles, 17.7 percent; Range Department, 14,360 miles, 16.6 percent; and Safety and Security Department, 7,102 miles and 10.6 percent.

Several departments experienced an increase in mileage, but the number of miles increased was small. For the Center as a whole there was a net decrease of 98,793 miles.

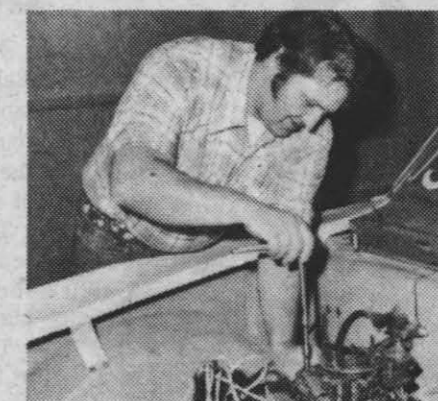
A continued effort to decrease mileage driven by the Center's vehicles is necessary in order to achieve the reduction needed to live within the amount of gasoline allocated to NWC.

Combining of trips, use of alternative methods of transportation (such as bicycles or walking), and use of guard mail or telephones to deliver messages rather than using a Navy vehicle can aid in a further reduction of mileage.

employee in the spotlight

"You never know what you'll be working on next."

Ron Schiller



By Mickey Strang

"Ron is that rare individual whose combination of intelligence, capabilities, attitude, and innate sense of proper priorities mesh ideally with an R&D organization," enthuses Claude W. Brown, head of the Weapons Control Branch in which Ron Schiller works. His co-workers are equally enthused about Ron and the contributions that he has made to the organization, both while he was in the apprentice training program and now as a journeyman machinist.

Indicative of how well he does at whatever he sets out to do is that during the 4-yr. training program Ron achieved a 4.0 grade point average in his classes. (Although he has completed the formal apprentice program, he's still working on maintaining the same average in class work at Cerro Coso Community College where he's pursuing an A.A. degree.)

His job skills, however, come from a combination of factors going beyond the intelligence and effort that earning such a grade point average display.

Joins Apprentice Program

Ron says that being a machinist is really his fourth journeyman trade. He worked as an automotive mechanic and did body work on cars before becoming an automotive painter and then a house painter. He notes that he's been able to draw on the skills that he learned in each of these trades in his current job.

His career as a machinist began when he learned from someone on a fishing trip that the Center was planning to reopen the apprentice program. In anticipation of that time, Ron quit his job in

Trona, applied for and took a job at NWC in the Public Works Department paint shop, and waited for nearly two years before the program did open and he qualified.

Ron feels that what makes his current job such fun is "you never know what you'll be working on next." Recently, for instance, he's spent some time on the mobile land targets — which are actually a form of mechanized dune buggy.

Prime hobby — drag racing

A lot of his spare time, too, goes into working on vehicles because his prime hobby is drag racing. Before entering the apprentice program, he raced the circuit and is racing once again now that he has more time. ("Just took a second place in Inyokern last month," he says happily.)

His wife Marjorie, son Ronnie, age 8, and daughter Deneal, 3, join him on the racing circuit where they form an enthusiastic cheering section. The family kibitzes rather than helps with his other automotive hobby, however, that of restoring classic cars. Now being refurbished are a '56 Chevy Nomad and a '55 Chevy sedan.

All family members share Ron's other favorite off-duty pastime of stream fishing. Deneal, at 3, has rather a hard time working a stream, so some of the time is spent dropping a line in high country ponds as well.

Ron moved all over Texas, Mississippi, and Louisiana as a child following his father's construction jobs, but he's very content to stay put now with a challenging job he enjoys, hobbies he shares with his close-knit family, and a bright future ahead.

Sexual harassment hot line now in operation

As was announced in the April 4 issue of The ROCKETEER, Admiral J. J. Whittle, Jr., Chief of Naval Material, advised in a policy directive that sexual harassment will not be tolerated. The directive applies to all civilian managers, supervisors, and co-workers and to military officers and enlisted personnel.

In order to permit the Chief of Naval Material to gain a better understanding of the nature and magnitude of sexual harassment, a hot line has been established to serve as an informal reporting system. The hot line is strictly an information gathering effort and is not intended to infringe on the normal chain of command management actions to counter such

harassment. The hot line will terminate on Aug. 1, 1980.

Individuals who have experienced or are experiencing actions which they perceive to fall within the parameters of sexual harassment (i.e., unsolicited verbal comments, gestures, or physical contacts; interference with work productivity; or coercive sexual behavior) are invited to call, toll free, 800-336-4755, and briefly describe the actions.

The toll free number is automatically recorded, calls are received only, and counseling or other information are not provided unless the caller's name and a return call number are given. Names or

other identifying information are not otherwise required.

To assure that counseling and other information are available on a local level, Capt. William B. Haff, NWC Commander, has designated Ens. S. R. Beck and N. Belle Hervey as points of contact from whom NWC personnel can receive confidential and objective advice regarding sexual harassment.

Ens. Beck is the point of contact for military personnel and can be reached on NWC ext. 3451. The point of contact for civilian personnel is Mrs. Hervey, Federal Women's Program Coordinator at the Center, who can be contacted by calling NWC ext. 2348.



BUILDING WORK PROGRESSES — From the outside, the Range Control Center building now looks very much like it will when it is completed in early November, but a considerable amount of work still remains to be done inside. Rolls of roofing

paper (in foreground) are evidence that there are still some finishing touches to be added to the roof, and the scaffolding that can be seen covers an area where other work on the exterior of the structure remains to be done.