

NOSTALGIC MOMENT — Miming the Andrews Sisters in their 1940s special, "Boogie Woogie Bugle Boy of Company B," are (l. to r.) Vivian Heckman, Vonnie Goss, and Mary Hoyt. This number is part of the annual Sweet Adelines show tomorrow.

Sweet Adelines' show tomorrow promises touch of nostalgia

Nostalgia is the order of the day tomorrow when the Sweet Adelines (assisted by the Barbershoppers) will present "A Melodic Panorama, or a Stroll Down Memory Lane." The show will be presented twice tomorrow at the Burroughs High School lecture center — once at 2:30 p.m. and once at 7:59 p.m.

The Singing Sands Chapter of the Sweet Adelines will be singing songs dating from the early 1900s to the present time.

Featured in the show, which was written by Lynn Johns and Hazel Johnson, are Madeline Dienhart, local vocalist; Barbara and Len Hedges-Goette, local dancers; and the "Great Western Timbre Co.," a male

National president of Navy Wives Club to visit China Lake

An informal get-together honoring Janet Parks, national president of the Navy Wives Club of America, will be held here at 1 p.m. Sunday.

This event is being arranged by Desert Flower Chapter No. 125 of the Navy Wives Club, and will be held in the group's clubroom in the old Station Restaurant, located at the corner of Blandly Avenue and Lauritsen Road.

Mrs. Parks, who is from Memphis, Tenn., will be accompanied to China Lake by Terry Doxon, national vice-president of the Navy Wives Club, who lives in the Los Angeles area.

Wives of Navy and Marine Corps enlisted personnel, and all other interested persons, are invited and urged to attend this Navy Wives Club affair. Additional information can be obtained by calling Diane Wadein after working hours at 377-4594.

How time flies . . .

The young student whose photo appears in the "Remember When..." column of this issue of the Rocketeer is Milt Burford, who put in part of his Junior Professional tour with John Pearson in the Research Department, but later made the transition from Code 40 to Code 45 before it became the Ordnance Systems Department.

Burford was the project engineer on a number of warhead projects, and program manager of the APAM cluster weapon before taking over administrative duties as an associate division head. Since July 1979 he has been head of the Conventional Weapons Division in the Ordnance Systems Department.

Festive parade tomorrow will be highlight of Desert Empire Fair

It's fairtime again in the Indian Wells Valley, and the highlight of this year's Desert Empire Fair (DEF), which began Wednesday evening and will continue through Sunday, will be the big parade tomorrow morning on North China Lake Boulevard in Ridgecrest.

"This Is America" is the theme of the 1982 DEF parade, which will begin at 10 a.m. at the intersection of French Street and North China Lake Boulevard. The route for the festive procession will follow Ridgecrest's main street to a dispersal point at the triangle formed at the junction of China Lake Boulevard and Inyokern Road.

Riding in the prologue of the parade, which will be led by a mounted color guard from the Marine Corps Logistics Center at Barstow, will be Billy Armstrong, a musician billed as the "world's fastest fiddler," who is the grand marshal of this year's event.

Armstrong will be joined in the forefront of the procession by the winner of the Little Miss Desert Empire Fair Contest; by State Senator Walter Stiern and State Assemblyman Phil Wyman; by the mayor and members of the Ridgecrest City Council.

Also riding or marching up front in the parade will be the Burroughs High School band, drum major and majorettes, the nine finalists in the Miss Indian Wells Valley Pageant, Inyokern Sunshine Festival queens, a Dixieland band, and a float and off-road vehicles entered by the Dust Devils Auto Club.

NWC will be represented in the parade by the 12-member Sidewinder drill team, led by MAI Ed Huerta. In addition to marching and performing in the parade, the drill team also will present a special demonstration on the fairgrounds immediately following the parade.

According to Roberta Leighton, chairperson of this event, there will be approximately 120 entries that will be spread out among the five divisions of this, the 32nd annual Desert Empire Fair parade.

Principal categories in the parade competition are equestrian, bands, majorettes, drum majors, color guards, drill teams, floats and a miscellaneous category that includes decorated vehicles and bicycles, antique automobiles, clowns and novelty entries.

In addition to the musicians from Burroughs High, other school bands that will be providing a solid musical beat for marchers and other participants in the parade include those from Trona and San Bernardino High Schools, and Monroe, Murray and Trona Junior High Schools.

Each of the bands will be accompanied by its own majorettes and drill team.

Following the parade, the fairground gates will be open at 12 noon and the awards

won by the parade participants will be presented starting 1 p.m. in the rodeo arena. DEF activities will continue until 11 p.m. on Saturday; from 1 to 10 p.m. on Sunday, and this evening from 5 to 11 o'clock.

Fairgoers will find a wide variety of carnival and midway attractions brought here by Butzer Amusements of Fontana, as well as food and refreshment booths that are being operated as fund-raisers by local clubs and organizations.

Special activities scheduled this evening in the outdoor stage area on the midway include a western dress contest at 7 o'clock, a root beer drinking contest at 8, and a whiskerino contest at 9 o'clock. A country-western band will then be on stage to provide musical entertainment until closing time tonight.

Professional entertainment is planned at 3 and 8 p.m. Saturday, as well as at 3 and 7 p.m. Sunday. Featured will be Billy Armstrong, who will demonstrate his spectacular fiddle-playing skill; the Carlson Jugglers, ventriloquist Brad Cummings, and George Goulding, who plays the electric organ.

Following the professional entertainment on Saturday afternoon, a watermelon eating contest is slated at 5 o'clock, and there will be a pie-judging contest starting at 6:30. Saturday evening will be topped off by musical entertainment provided by Reckless, a local band whose members will be on stage until closing time.

A bubblegum-blowing contest at 2 p.m. will lead off the resumption of activities on the outdoor stage at the fairgrounds on Sunday. Other events will include turtle races in the playground area at 4 o'clock, a pie-eating contest at 5, and an animal scramble at 6 p.m.

Following the final performance at 7 p.m. by Billie Armstrong and the professional entertainers engaged for the 1982 Desert Empire Fair, there will be a musical group on stage until the fair concludes for another year at around 10 p.m. Sunday.

Lobster tails on sale

A sale of frozen lobster tails from Australia is now being conducted by the Navy Exchange at both the Plaza Snack Bar in Bennington Plaza and at the snack bar in Michelson Laboratory.

MOVIES

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

Regular starting time 7:00 p.m.

FRI.-SUN. SEPTEMBER 24, 26
"THE LOONEY, LOONEY, LOONEY
BUGS BUNNY MOVIE"
(Animated, rated G, 79 min.)

SAT.-MON. SEPTEMBER 25, 27
"DEATH WISH II"
Starring
Charles Bronson and Jill Ireland
(Action/suspense, rated R, 89 min.)

WEDNESDAY SEPTEMBER 29
"VENOM"
Starring
Klaus Kinski and Oliver Reed
(Suspense, rated R, 93 min.)

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Weekend Roundup

Tonight is the opening for "Sly Fox," an adult comedy presented by the China Lake Players in their new Playhouse (located in the old Station Restaurant at the corner of Blandly Avenue and Lauritsen Road.) The curtain goes up at 8:15 both tonight and tomorrow night. The comedy will play again on the evenings of Oct. 1, 2, 8 and 9, with a matinee scheduled on Oct. 3 at 2:15 p.m. Ticket prices are \$3.50 for general admission, and \$2 for military personnel, senior citizens and students.

Music of the 1960s will be featured tonight at the Chief Petty Officers' Club, where the entertainment will be provided by Scanlon's Sunlite band, a local musical group. The band will begin playing at 8:30 p.m.

Dinner specials of the evening will be prime rib of beef or Icelandic cod that will be prepared and served from 6 to 9 o'clock.

The Kern Desert and China Lake Business and Professional Women's (BPW) Clubs jointly are hosting the Tri-Valley District fall conference on board the Center this weekend. Registration for all events for anyone who would like to attend will be at the Bar-S Motel, 201 Inyokern Road, Ridgecrest, from 7 to 9 tonight.

Tomorrow's events will take place at the Enlisted Mess, with both a luncheon and dinner scheduled. The conference will end with a breakfast meeting at the Enlisted Mess on Sunday.



NAVAL WEAPONS CENTER
CHINA LAKE
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Reloading warhead for use with Cruise Missile basis for Tech. Director Award



TOPNOTCH JOB — His outstanding effort in coordinating and directing the reloading and requalification of the Bullpup "B" warhead for use with the Tomahawk Cruise Missile garnered the NWC Technical Director Award for Raymond E. Boss. The presentation was made by B. W. Hays. — Photo by Don Cornelius

Raymond E. Boss, a senior development engineer in Weapons Systems Branch B of the Ordnance Systems Department's Conventional Weapons Division, last week became the latest recipient of the NWC Technical Director's Award.

Boss was commended for his outstanding performance in coordinating and directing the reloading and requalification of the Bullpup "B" warhead for use with the Tomahawk Cruise Missile.

Presentation of the Technical Director Award to Boss took place during the weekly meeting of NWC department heads and other senior management officials that was held in the Management Center of Michelson Laboratory. Boss received a letter of commendation signed by B.W. Hays, NWC Technical Director, an engraved paperweight, and a \$300 stipend that accompanies this special form of Superior Achievement Award.

Boss was nominated for this honor by Carl Schaniel, head of the Ordnance Systems Department, who emphasized that the TD

Award recipient was responsible for coordinating all aspects of the warhead reloading operations and quality assessment, as well as technical performance testing and environmental and safety tests that were conducted during a very trying 16-month period.

This part of the Tomahawk Cruise Missile program, called "Project Reload," was successfully completed on May 14, 1982, when the Navy's Weapon System Explosive Safety Review Board gave approval for service use of the Bullpup missile warheads.

This decision could result in a cost savings to the Navy of up to \$10 million.

Key factors in the successful resolution of many logistic, safety and technical problems encountered during the requalification effort were the continued attention to details shown by Boss, as well as his overall awareness of the urgency and principal objectives of the program, Schaniel wrote in recommending Boss for the Technical Director Award.

"Boss demonstrated considerable flexibility in modifying and redirecting the objectives of the program in response to the changing environment of this urgent, high priority program with a minimal loss of time or effort," his department head added. This was a program that required extensive

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Update job-related data, workers facing possible RIF advised

Employees who may be affected by the potential reduction-in-force (RIF) that would result from the conversion of certain supply, transportation, and housing maintenance functions to contractor performance are reminded to update their qualification statements on file in their Official Personnel Folders by Oct. 4.

This includes employees covered by the DA (administrative specialist) and DS (technical specialist) Demonstration Project career paths at the DA/DS-3 level and below (but not employees classified at the DA-3 level prior to Sept. 19, 1982) and all employees not covered by the Demonstration Project.

Since placement opportunities are governed in large part by the employee's eligibility for other positions, this information will insure that affected employees are afforded the maximum opportunity to compete for positions under RIF procedures.

Updates should be prepared using Personal Qualifications Statement forms (SF-171 or SF-172) and submitted to the Personnel Department (Room 100) by the close of business on Oct. 4.

Veterans in the career paths listed above who have service-connected, compensable disabilities of 30 percent or more are also reminded that they may be entitled to special consideration under reduction-in-force procedures. Retired members of the military service with 20 or more years of active service receive such consideration only if their retirement is based on a disability that resulted from injury or disease received in the line of duty as a direct result of armed conflict, or was

(Continued on Page 3)

Geologists at work mapping earthquake faults

Lightning is rumored never to strike twice in the same place (a falsehood, by the way), but earthquakes repeatedly occur on the same earthquake fault.

With this in mind, geologists in the Detonation Physics Division of the Research Department are engaged in mapping the earthquake faults throughout the Center, and then trenching them to determine how often earthquakes can be expected to occur and at what magnitude.

This information is disseminated on maps in the "NWC Active Fault Map Series" so that it will be of use to Center engineers and scientists who plan new facilities.

Any building that crosses an active fault can expect damage if a quake involving surface displacement or subsurface ground failure occurs on that fault; if the building is located even a short distance away, the chance of damage drops dramatically.

China Lake police, Navy have part in drug control arrests

For the past several months the China Lake Police Division, Ridgecrest Police Department, Naval Investigative Service and Kern County Sheriff's Department have been conducting undercover investigations and drug buys from suspected drug traffickers in the Indian Wells Valley area.

The investigative team consisted of undercover officers from China Lake as well as Naval Weapons Center military personnel and civilian personnel acting as concerned citizen informants of the community.

During the course of the investigations, over 40 various narcotic purchases were made throughout the IWV, which resulted in 29 arrests of narcotics dealers. Six additional arrests were made as a result of search warrants for various residences in an attempt to collect narcotic contraband.

Community effort is basically the only way law enforcement officers will ever be able to slow down and strive to overcome the drug problem in the Indian Wells Valley, according to the police.

All of the Coso area has already been mapped by Dr. Glenn Roquemore. About one-third of Echo Range—the area right around the Garlock Fault—has also been mapped with assistance of Dr. John Zellmer, and trenching and mapping is beginning in the Charlie Tower region where the series of quakes that rattled the community earlier this year were located.

First step in mapping is to locate the faults.

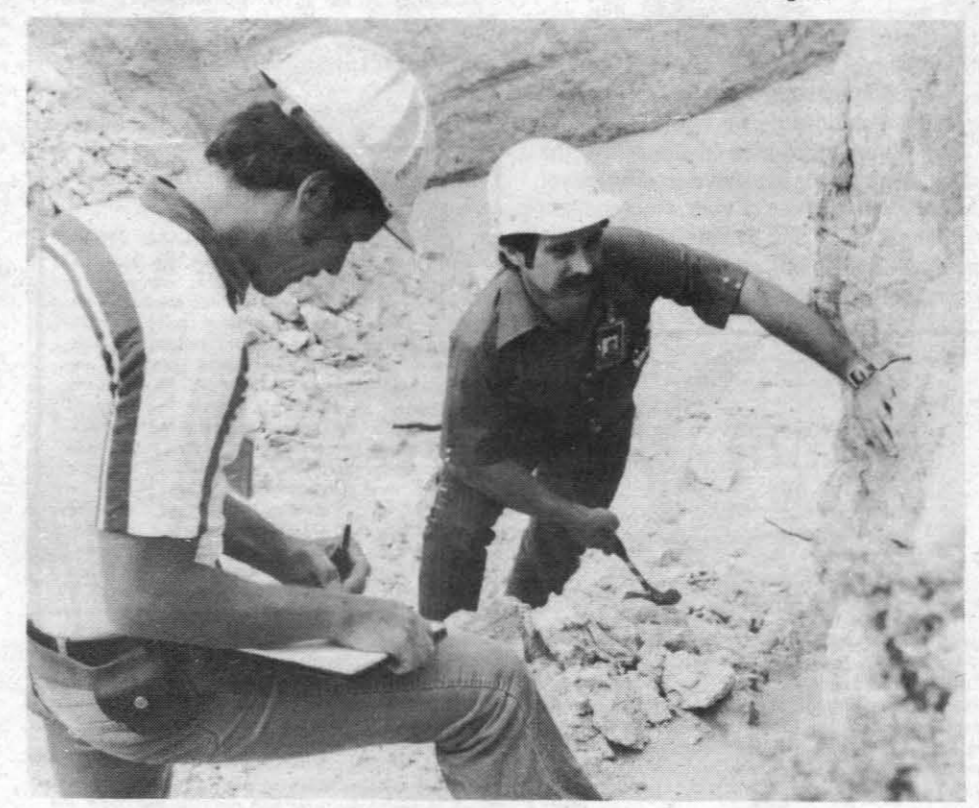
Large scale color aerial photos are taken in the morning or late in the day to ensure that any small scarp or ridge caused by a fault will cast a shadow. When these photos are placed in the stereo zoom transfer scope, a three-dimensional effect is achieved. Earthquake faults with

topographic expression become visible and can be transferred to a map.

The geologists select a place on the fault for trenching that is most apt to contain useful information and possibly have material datable either by carbon-14 or other dating techniques. The shoreline of an ancient lake, for instance, provides an ideal trench site where a shoreline of known age and the fault intersect.

When the trench is scooped out, the walls show geologic strata. Earthquake-caused discontinuities that run through only some of the strata obviously resulted from quakes that happened before the upper strata were deposited. In this way, the times at which the quakes happened can be determined.

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EARTHQUAKE FAULT CHECKED — Dr. Glenn Roquemore (at left) and Dr. John Zellmer, both geologists in the Detonation Physics Division of the NWC Research Department, examine a portion of the Darwin Road trench — looking for scratches on each side of a known earthquake fault that helps them to determine which way the fault is moving. It's hot work during this time of the year. — Photo by Don Cornelius

From: _____

PLACE
STAMP
HERE

To: _____

Employee service awards

The following Naval Weapons Center employees have received Federal service or NWC, length-of-service awards:



Julian S. Almaraz 35 yr. Fed'1 Service Code 3953; Carroll L. Evans, Jr. 30 yrs. Fed'1 & NWC Service Code 6224; Charles E. Woods 25 yrs. Fed'1 & NWC Service Code 3941; Gene G. Graham 25 yrs. Fed'1 Service Code 3646; James L. Murray 25 yrs. Fed'1 & NWC Service Code 3626; Joe M. Dorgan 25 yrs. Fed'1 & NWC Service Code 6224; Sidney Busch 20 yrs. NWC Service Code 6235; Colburn L. Ingle 20 yrs. NWC Service Code 3687

Promotional opportunities

Applications (Standard Form 171) should be put in the drop box at the Reception Desk of the Personnel Dept., 505 Blandy. Unless otherwise specified in an ad, applications for positions listed in this column will be accepted from current permanent NWC employees only. All others desiring employment at NWC may contact the Employment-Wage & 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. Advertising positions in the Promotional Opportunities column does not preclude the use of alternative recruiting sources in filling these positions. The filling of these positions through Merit Promotion is subject to the requirements of the DoD Program for the Stability of Civilian Employment. The minimum qualification requirements for all GS positions and positions subject to the Demonstration Project are those defined in OPM Handbook X-118; those for all wage system positions are those defined in OPM Handbook X-118C. Applicants will be evaluated on the basis of experience, training, education, and awards as indicated in a written record consisting of a SF-171, at least one supervisory appraisal if it can be obtained, and any tests, medical examinations, interviews, and supplemental qualifications requirements that may be necessary. For managerial/supervisory positions, consideration will be given to applicant's support of the Equal Employment Opportunity programs and objectives. Applicants must meet time in grade and qualifications requirements by the closing date of the ad. The Naval Weapons Center is an Equal Opportunity Employer; selections are made without discrimination for any nonmerit reason.

Announcement No. 26-353, Procurement Clerk (Typing), GS-1104/45, Code 242 — Two vacancies. Status eligibles will be considered. These positions support WEST-NAVFACENCOM, Acquisition Dept., Construction Division of San Bruno. The duty station is located at ROICC, NWC, China Lake. Incumbents are responsible for the clerical processing of documents pertinent to the administration of contracts under the supervision of the Construction Branch Head. Duties include setting up documentation for compliance with contract terms, preparing correspondence, reviewing invoices submitted by contractors, certificates of insurance coverage are submitted by contractors in compliance with mandatory requirements; preparing reports and performing a variety of general clerical and administrative tasks as required. Promotion potential to GS-5; however, promotion is not guaranteed. Job Relevant Criteria: Knowledge of procurement procedures; ability to work effectively with others; communication ability; knowledge of office administration procedures; personal characteristics. To apply: Submit a current SF-171, a supplemental statement and a supervisory appraisal (supervisory appraisal forms may be picked up in the Reception area, Personnel Dept.) to the following: Personnel Division, Naval Facilities Engineering Command, P.O. Box 727, San Bruno, CA 94066. (attn: Code 096). Instructions for preparing supplemental statement: Applicants must address the knowledge, skills and abilities listed above in narrative form on a separate sheet of paper (attach to SF-171). For each job relevant criteria listed, you should give examples of work performed or training received. For additional information, a copy of the detailed vacancy announcement is posted in the Reception area of the NWC Personnel Dept.

Announcement No. 35-107, Secretary, GS-3184, PD No. 8135043N, Code 35 — This position is located in the Electronic Warfare Department. The incumbent is department secretary and provides secretarial support to the department head and assistant department head. Job Relevant Criteria: Ability to perform receptionist and telephone duties; ability to review outgoing correspondence and to compose correspondence and/or to prepare non-technical reports; knowledge of filing systems and files management; ability to meet the administrative needs of the office; ability to train clerical personnel & organize workload of clerical staff, or processes; ability to plan and coordinate supervisor's calendar and to arrange conferences; ability to review, control, screen, and distribute incoming mail. Supplemental Qualifications Statements are required for secretary applicants, and may be picked up at the reception desk in the Personnel Bldg., 505 Blandy. Announcement No. 35-108, Interdisciplinary Engineer (Supervisory Electronics Engineer, DP-855-3; Supervisory Mechanical Engineer, DP-830-3; or Supervisory Physicist, DP-1310), PAC 8225566E, Code 3541 — This position is that of Program Manager for development and installation of a pulse doppler threat simulator for use at CEI range. The incumbent will be responsible for developing program management plans, system development plans, system engineering functions and supervising engineers and technicians in system development. The system will be developed utilizing in-house and contract support. Job Relevant Criteria: Knowledge of RF systems design; ability to organize and supervise large programs including contracting, sponsor interface and in-house development and integration; ability to support the achievement of equal opportunity in all areas of organizational endeavor. Note: This is a readvertisement of Announcement 35-102. Status eligibles only.

Announcement No. 35-109, Interdisciplinary (Supervisory Electronics Engineer, DP-855-3; Supervisory Mechanical Engineer, DP-830-3; or Supervisory Physicist, DP-1310-3), PAC 8225567E, Code 3541 — This position is that of Program Manager for radar/missile threat simulator development to be utilized in pilot electronic warfare training. The incumbent will be responsible for developing

Reassignment Opportunities

This column is used to fill positions through reassignment only. For this reason, the Reassignment Opportunity Announcements are separate from the Promotional Opportunities column in the Rocketeer. Applications will be accepted until the date stated in the announcement. Employees whose work history has not been brought up to date are encouraged to file an SF-171 or 172. All applicants must meet minimum qualification requirements established by the Office of Personnel Management. Information concerning the recruitment and placement program and the evaluation methods used in these reassignment opportunities may be obtained from Personnel Management Advisors (Code 096 or 097). Applications should be filed with the person whose name is listed in the announcement. The Naval Weapons Center is an Equal Opportunity Employer.

Announcement No. 39-107, Interdisciplinary (Electronic Engineer/Mechanical Engineer/Aerospace Engineer/Physicist), DP-830/855/861/1310-3, PAC No. 8229579E, Code 3908 — This position is in the Sparrow Program Office, Weapons Department. Incumbent is responsible for technical support to the AIM/RIM-7F/M program. Duties include planning, coordinating and monitoring in-house tasks supporting the effort; identifying technical problems and defining, proposing and incorporating solutions into planned effort; defining, monitoring and evaluating contractor effort and providing NWC assistance as required. The incumbent provides technical interface with NWC task managers and works closely with NAVAR sponsors and contractor representatives. Please submit updated SF-171 to Marsha French, Rm. 123 of the Personnel Building.

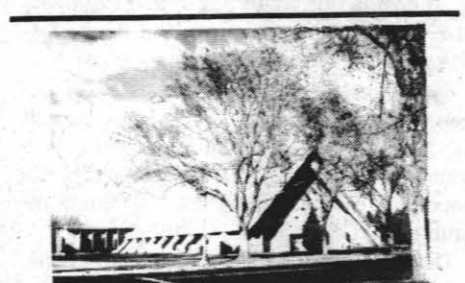
the program plans for these systems through extensive coordination with sponsor, user and range personnel, performing the system engineering functions and supervising engineers and technicians in system development. The system will be developed utilizing in-house and contract support. Job Relevant Criteria: Knowledge of RF systems design; ability to organize and supervise large programs including contracting, sponsor interface and in-house development and integration; ability to support the achievement of equal opportunity in all areas of organizational endeavor. Note: This is a readvertisement of Announcement 35-103. Status eligibles may apply.

Announcement No. C-4252, Electronics Technician, DT-856-2/3, PAC Nos. 8162679, 8162680, Code 42211 — This position is located in the Metric Electronics Section, Air Operations Branch, Range Operations Division, Range Department. The employee provides design and development changes to major electronic systems; the maintenance and operation of complex systems such as computer plotting board equipment; and operates, troubleshoots, and performs maintenance on the Range Control System computers. Job Relevant Criteria: Knowledge of development and operation of digital computers, and/or analog computers; ability to maintain, calibrate and troubleshoot electronic equipment. Previous applicants need not reapply.

Announcement No. 08-042, Audit Assistant, GS-503-5/47, PD No. 808044N, Code 0807 — This position is located in the Office of Finance and Management Internal Review Staff. The incumbent performs technical audit duties including cash counts of change funds authorized to the various activities of the Employee Services Board, the Special Services Division, and Military Messes. Performs surprise counts of the cash funds and supporting documents; prepares letters of report on all Military Messes, B.O.Q., Consolidated Package Store, and Special Services; and performs other audit duties as specified by the head. Code 0807. Job Relevant Criteria: Interest and aptitude in working with figures; ability to maintain a high level of accuracy in work requiring close attention to detail; ability to convey ideas both orally and in writing; interest in the purpose and effect of prescribed procedures; and interest in questioning unusual action or in obtaining information to support or verify questionable actions.

Announcement No. 31-073 — Interdisciplinary, General Engineer, Electronics Engineer, Computer Scientist, Physicist, Mathematician, Aerospace Engineer, Mechanical Engineer, DP-3/4/PAC No. 8231622, Code 31104 — This position is that of Facility Development Consultant in the Avionic Facilities Division, Aircraft Weapons Integration Department. The incumbent will develop software development guidelines, software tools development plans, and software quality assurance methods for use in the division. Code 3111 is responsible for the development of the requirements and implementation of real-time simulation facilities for the A-7, A-6, F-18, A-4 and AV-8 aircraft programs in support of the Software Support Activities and Weapons System Support Activities. Based upon a charter supplied by the Code 311 Division Head, the incumbent will define facility development guidelines which will detail steps, from requirements through specification, design, build, integration, and test, including the review procedures for each phase. The incumbent will survey the development tools in industry. Code 31 and NWC for adaptation to the Code 311 development process. The incumbent is expected to adhere to a good, usable set of software quality assurance/configuration management methods. The incumbent will further be expected to be a focal point for future Code 311 research and development efforts, including developing an independent product line for the division. Job Relevant Criteria: Familiarity with avionics, real-time software, embedded computer systems, digital to communicate well, verbally and in writing, with all levels and disciplines of personnel, and ability to plan. If position is filled at the DP-3, promotion potential is to DP-4 but not guaranteed. Applications from status eligibles accepted. Previous applicants need not reapply.

Energy conservation tip Try 50-watt reflector floodlights in directional lamps (such as pole or spot lamps). These floodlights provide about the same amount of light as the standard 100-watt bulbs but at half the wattage.



DIVINE SERVICES table with columns for service type, day, and time.

NWC Gold wins . . .

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NWC Gold tried a reverse that lost 2 yds. on first down, and a fake reverse followed by a pass that fell incomplete took care of second down. On the next play, however, Bill Collum, right halfback for NWC Gold, took a pitchout from Dorrell and faked a sweep around left end before throwing a pass to Dean Poe in the end zone. The try for the extra point on a pass play was good — making the final score 19-6 in favor of NWC Gold.

Fighting back from a 12-0 first half deficit, the VX-5 Vampires salvaged second place in Commander's Cup flag football competition by a narrow 19-18 win over NWC Blue.

VX-5's first touchdown in this game came on a pass from James French, quarterback, to J. J. Hewell, wide receiver. The play was good for a gain of about 20 yds., but the try for extra point failed — making the score 12-6 in favor of NWC Blue.

Still in the third quarter, a pass from French to Ike Saville picked up 15 yds. and a touchdown that tied the score at 12-12.

With momentum going for them, the Vampires took the lead for the first time in the game on an aerial from French to Joe Gustems, also a wide receiver. This tally gave VX-5 an 18-12 lead that, moments later, was increased to 19-12 when French completed another pass to Gustems — this time for the PAT.

With less than 2 minutes left to play in the game, NWC Blue tallied its third touchdown of the game, but missed on the try for the PAT to make it a 19-18 ballgame in favor of VX-5.

Tri-Valley Youth Football League teams begin season

The 1982 season of Tri-Valley Youth Football League play began for local teams last Saturday at Tehachapi.

During the four games that were played, only the IWV Bears, who compete in the Junior Division, defeated their counterparts from Tehachapi — winning by a final score of 18-14.

A pass from Kyle Blecha to Kenny Rudd that gained 51 yds. resulted in the first score in the Bears vs. Tehachapi contest. This was the only score in the first half.

The Bears extended their lead to 12-0 on a 2-yd. run by Rudd in the third quarter before the Junior Division team from Tehachapi broke the scoring ice with a 22-yd. pass from Kerry Winterrowd to Fernando Fendejas.

Moving on to the fourth quarter of action, the IWV Bears extended their lead over Tehachapi to 18-6 on an 8-yd. scoring run by Julius Lewis.

Before the game ended, however, the host team put together a drive that ended in a 2-yd. sprint into paydirt by David Young. The score for Tehachapi was followed by a successful try for 2 points after the touchdown that was tallied on a run.

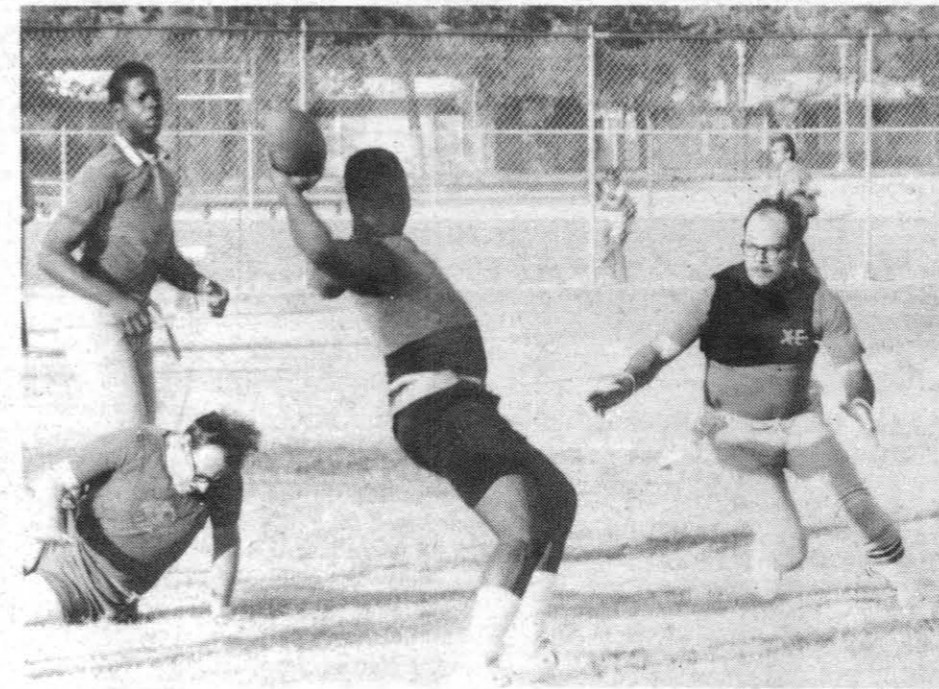
The IWV Bears were led on offense by Blecha, who passed for 86 yds. and gained 53 yds. running the ball; by Rudd, who scored twice, caught 2 passes for 72 yds. and scored two touchdowns; and Lewis, who rushed the ball for 55 yds. in 12 carries and scored one touchdown.

In other Youth Football League contests at Tehachapi, the host teams won the Senior Division tilt by 8-0 over the Giants, the Sophomore Division game by 20-0 over the Dolphins, and the Freshman Division contest by 22-0 over the Chargers.

All four local teams will play their counterparts from the Kern Valley in games that will get underway starting at 9:30 a.m. tomorrow at Kelly Field on the Murray Junior High School campus.

Energy conservation tip

Thaw foods that have to be unfrozen before cooking the energy-economical way — in the refrigerator. If you thaw on the countertop in the kitchen, you add to the furnace heat loads. In the refrigerator you not only save this heat loss, but you reduce the load on the refrigerator's motor as well.



PASS RUSH IS ON — Skip McIntosh, quarterback for the NWC Blue flag football team, cranks up to throw a pass while being rushed by Ike Saville (at right) of VX-5. In this Commander's Cup contest, the VX-5 Vampires edged NWC Blue 19-18. In this camera's-eye view of the action, one other NWC Blue player, Kevin Williams, can be seen standing at left.

Cooler water temperature factor in improved trout fishing results

The cooler weather is enticing more anglers to the high Sierra lakes and streams in Inyo and Mono Counties; so far, the foliage has not yet turned color, but is expected to shortly.

At Lake Sabrina, the water is getting colder and the level of the lake is dropping. Trolling is picking up (using five-color lead-core line with a Needlefish or a Dave Davis with a worm); still fishing with bait is also good.

A lot of limits of trout are being taken at South Lake. Best fishing there is still fishing with bait. The creeks in the area are also producing many limits of trout.

While fishing at Rock Creek Lake has been good with a fly-and-bubble or with night crawlers, fishing in Rock Creek is very poor. Stocking of Rock Creek has stopped for the year, so it is not expected to improve.

Fishing at Convict Lake also has been slow. The fish that have been brought in have mainly been caught by anglers who troll with eight to ten colors of lead core line with either frog Flatfish or Needlefish lures.

At the upper Owens River, the best fishing has been about a mile north of the Benton Crossing bridge. Night crawlers or worms both look tasty to the trout. Anglers who use flies should also use sink-tip line. Rainbows up to 12 inches are being caught, but very few browns are biting.

Hot Creek—a flies-only stream—has trout that like caddis, King's River specials, elk hair, and brown and gray sedge.

At Mammoth, McGee, Hilton, and Convict Creeks, worms and eggs or flies with a sink tip line are enticing to trout. A small mayfly or a stonefly nymph imitation reportedly catches the fish.

Twin Lake at Mammoth is the place for the lazy angler who likes to sleep in. Apparently the trout there do, too. Evening fishing with a fly-and-bubble combination catches the fish. Appropriately, the best fly is turning out to be the Twin Lake Special.

Equally appropriately, the Lake Mary Special is doing very well at Lake Mary — and at Mamie and George Lakes as well.

OTHTC slates 4-mile run tomorrow at fairgrounds

Plans were announced this week for the second race of the current season sponsored by the Over-The-Hill Track Club (OTHTC).

This event, a 4-mile run, will be held at the Desert Empire Fairgrounds in Ridgecrest on Saturday.

Registration is scheduled at 7:30 a.m., and the runners will leave the starting line at 8:30. There is an entry fee of \$1 per person.

Additional information can be obtained by calling either Dianne Lucas at 375-9536 or Tom Miller at 375-9443.

Tickets now on sale for magic show set Oct. 5 at theater

A fun-filled magic show, sponsored by the Recreation Services Department, will be held on Tuesday, Oct. 5, starting at 7 p.m. at the Center theater.

Featured will be Dr. Bob, a veteran magician who has appeared at the Magic Castle in Hollywood, performed on opening night at the Magic Island in Newport Beach, Calif., and is known as well to many cable television viewers.

Magic, mime, escape acts, illusion and juggling, with a full-grown cougar thrown in for good measure, will make up the 1 1/2-hour-long program.

Dr. Bob will perform escape acts and offer an open challenge to members of the audience to restrain him so effectively that he is unable to get loose.

Accompanying him for the show here on Oct. 5 will be Roberta Rey, a comedienne who fits into the role of Dr. Bob's assistant; Allan Wood, an expert juggler; and Wanda Wood, and Berga, two masters of manipulation and illusions.

"The World of Illusion" offers an evening of entertainment for the entire family. Tickets are now on sale Monday through Friday, from 8 a.m. to 4 p.m. at the Community Center, and also will be sold at the theater box office on the evening of the show.

The price of admission is \$1.50, except for children 3 through 11 years of age who will be admitted for \$1. Tiny tots 2 years of age and under who can be seated on the lap of one of their parents will be admitted free of charge.

Students sought for 5-week tennis class offered beginners

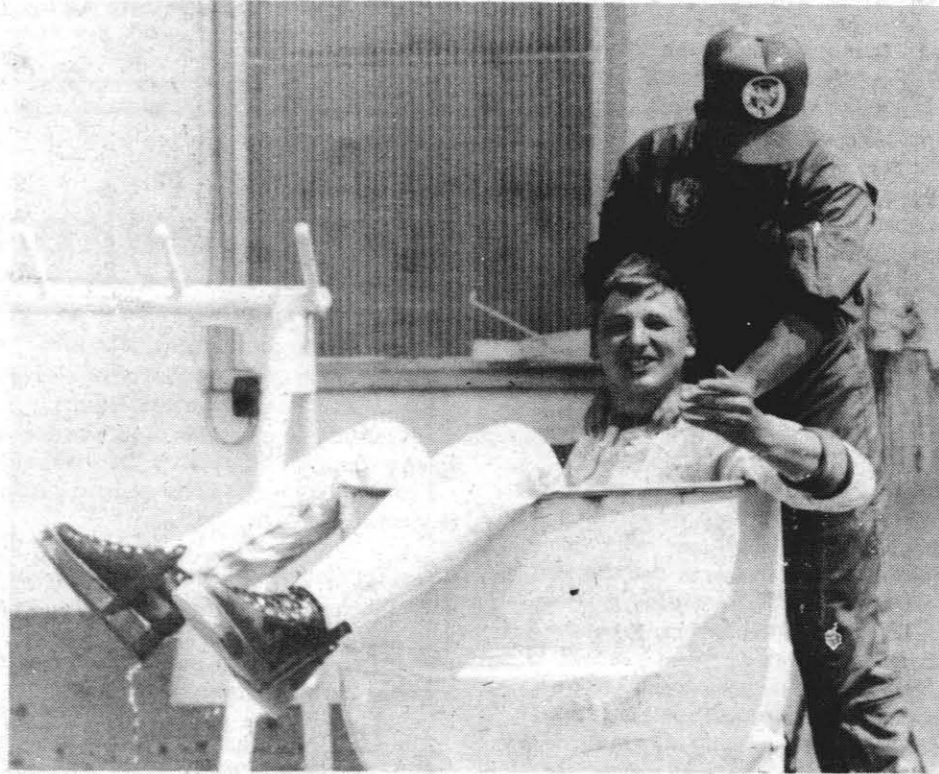
Persons interested in learning how to play tennis have a good opportunity to do so during a five-week tennis class for beginners, which will be taught by Lt. Dave Feldman.

The class is designed for the complete novice, starting with basic terminology, clothing, equipment and rules and continuing through the basic forehand, backhand, groundstrokes and service.

The course runs five weeks, meeting twice a week for one and a half sessions (total of 15 hours instruction). Cost of the course is \$35.

Classes will be scheduled whenever six students are registered.

Those interested in taking the class can register at the gymnasium, Monday through Friday, from 8 a.m. to 4 p.m.



NEWLY QUALIFIED — PR2 Bill Leuellen gives PRAN Roger Wood the dunking that is traditional for all newly qualified Navy test parachutists. PRAN Wood recently completed his final qualifying jumps in a series that requires a minimum of 18 premeditated jumps of increasing complexity under a variety of conditions. Both men are test parachutists in the Center's Parachute Systems Dept. —Photo by PHAN Nancy Owen

The Rocketeer Official Weekly Publication Naval Weapons Center China Lake, California. Includes contact information for Captain Jude Lahr, B.W. Hays, Dennis Kline, Don R. Yockey, Mickey Strang, and Don Cornelius.



Preparations nearing completion for Youth Soccer League play

Preparations are in their final stages for the fall season of Youth Soccer League competition, sponsored by the Recreational Services Department.

Some 380 youngsters in the first through sixth grade have been signed up to participate, and there will be a meeting of team coaches tomorrow morning at the Community Center.

During this meeting team rosters and playing schedules will be distributed, along with copies of the Youth Soccer League by-laws and jerseys to be worn by the players on each of the teams.

This coaches' meeting will be conducted by Elaine Mikkelsen and Mary Lambton, of the Recreational Services Department, who will be assisted by Karl Kauffman and John Piri, leaders of the adult soccer program.

Coaches of teams composed of 1st and 2nd grade players will meet at 9 a.m. Saturday at the Community Center, while those who will be in charge of 3rd and 4th grade squads are asked to show up at 10 o'clock. Finally, materials will be distributed to coaches of 5th and 6th grade teams starting at 11 a.m.

When the Youth Soccer League season begins on Saturday, Oct. 2, league officials expect that there will be eight teams of 1st and 2nd grade players, another 8 teams of 3rd and 4th grade players, plus 10 teams of 5th and 6th grade youngsters ready to go.

Also coming up is a coaches' clinic next Wednesday, Sept. 29, starting at 6:30 p.m. at Schoeffel Field.

The clinic, which is intended to assist Youth Soccer League coaches as they try to teach the basic skills of playing the game to their young charges, will be led by Kauffman, Piri and other experienced adult soccer players.

Games during the 1982 fall season of Youth Soccer League competition will be played on Saturdays from Oct. 2 through Nov. 20.

Hideaway keglers take over 1st place in Premier League

Thanks to a 14-6 win Monday night over Emhiser Research, the Hideaway squad took over first place in the Premier (scratch) League in this, the second week of play in the new season.

Turner's Real Estate, last week's leader, was dropped back into second place as a consequence of coming out on the short end of a 12-8 tally in its match with the Sports of All Sorts keglers.

High team game for the night was the 987 registered by the Raytheon Sidewinders, while the high team series score — a total of 2,829 — was racked up by Sports of All Sorts.

The top individual score of the night was the 674 series rolled by Jeff Mattick. Other Premier League bowlers who topped the 600 series mark were Pat Nalley (615), and Leon Watson (606).

Premier League bowlers with single game scores of more than 220 were Nalley (256), Bob Banks (255), Mattick, (245 and 234), Allen Smith (240), Floyd Hoisington (233), Bob Branson (232), Ed Ranck and Larry Jeffris (226), and George Bowles and Watson (224).

Current Premier League standings are:

Team	Won	Lost
Hideaway	28	12
Turner's Real Estate	25	15
Buggy Bath	23	17
Emhiser Research	21	19
Raytheon Sidewinders	19	21
Coast-to-Coast	19	21
The Place	19	21
Sports of All Sorts	18	22
PartFlow Construction	17.5	22.5
Elks Lodge	10.5	29.5

NWC Gold wins military flag football competition

A team representing NWC Gold prevailed in last week's Commander's Cup 8-man flag football competition at Schoeffel Field.

The Gold team, led by Ken Dorrell at quarterback, toppled NWC Blue by a score of 25-20, and posted a 19-6 victory over VX-5 in the finale of the three-game series that opened with a 19-18 win by VX-5 over NWC Blue.

The win in flag football moved NWC Gold into second place in the Commander's Cup athletic standings with 9 points. VX-5 has the lead with 11 and NWC is trailing with 7 points.

In their first win of the flag football series, the NWC Gold gridders scored twice in the first half as they built up a 13-0 lead over their counterparts from NWC Blue.

The game's initial score came on a pass from Ken Dorrell, quarterback for NWC Gold, who tossed the ball to Ken Porter, right end. Porter, who had followed an up and out pattern, ran about 30 yds. for the touchdown after catching the pass.

NWC Gold increased its lead on a run by Dorrell, who took the ball near midfield and started around the left side. Picking up good blocking he was able to cut back to the opposite side of the field and ramble all the way to the goal line. This time the try for a point after touchdown was good.

The NWC Blue defense tightened up after that and eventually forced NWC Gold to give up a safety and 2 points shortly before the first half ended.

After the safety, a punt by NWC Gold gave the Blue team good field position, and the airfield athletes capitalized on it by scoring on a pass from Skip McIntosh, quarterback for the Blues, to Millard Bell a half-minute



BALL BARRIER CORNERED — Millard Bell, of the NWC Blue flag football team, cuts inside two of VX-5's defensive players as he goes for a short gain in the NWC Blue vs. VX-5 flag football game. On defense for VX-5 are Keith Wyzard (at right), a linebacker, and J. J. Hewell, one of the cornerbacks for the Vampires. At left is Fred Stark, of the NWC Blue team, who has no chance to throw a block for Bell.

Burros lose to North, will play Drillers tonight

Burroughs High School's varsity football team will have its work cut out for it tonight. Coming to town will be the Bakersfield High Drillers led by Marshall Dillard, one of the state's premier high school running backs.

Kickoff time is 7:30 p.m. for the varsity clash, which will be preceded by a sophomore game that will get underway at 5 o'clock.

Last Friday at North High in Bakersfield, the Burros' defense was dented for a first-quarter touchdown that was tallied by Pat Hewes. He plowed over from the BHS 5-yd. line and then added the extra point on a kick to give the Stars a 7-0 lead.

The Burros, sometimes with the help of their opponents' fumbles, held the North High squad scoreless for the remainder of the first half while scoring two touchdowns that gave them a 12-7 lead at the halftime intermission.

The first tally by BHS climaxed a drive of nearly 70 yards that began in the second quarter, when a North High punt gave the Burros the ball on their own 31.

Halfback Randy Aguon sparked this downfield march as he took the handoff from Quarterback Dan Means on six consecutive plays. He gained 13 yds. on one run in this series and 11 yds. on another to keep



BALL CARRIER STOPPED — Joe Gustems (at right), of VX-5, goes for the flag and stops an unidentified player for NWC Blue during the NWC Blue vs. VX-5 flag football game. Watching the play are Skip McIntosh, quarterback for NWC Blue, and one of the game officials.

before the halftime intermission. The try for an extra point after the touchdown failed, and it was 13-8 ball game as the teams left the field after the first two periods of play.

Each team scored twice in the second half of the NWC Gold vs. NWC Blue game. A 20-yd. gain on a sweep around right end by Dorrell added another 6 points to the NWC Gold total in the third quarter, and it was another touchdown pass from Dorrell to Porter that gave the Gold team its final score in the game against NWC Blue.



BALL BARRIER CORNERED — Millard Bell, of the NWC Blue flag football team, cuts inside two of VX-5's defensive players as he goes for a short gain in the NWC Blue vs. VX-5 flag football game. On defense for VX-5 are Keith Wyzard (at right), a linebacker, and J. J. Hewell, one of the cornerbacks for the Vampires. At left is Fred Stark, of the NWC Blue team, who has no chance to throw a block for Bell.

the Burros moving. An over-eager lineman from the North High team jumped offside to make it first down with 5 yds. to go for a first down, and Means then faked a handoff to Aguon, dropped back and rifled a pass to Joe Byrd, split end for Burros.

Byrd caught the ball two steps behind the nearest defender for North High and romped on into the end zone for the score. The try for the PAT on a kick by Means was wide, but the Burros had cut the North High lead to 7-6.

Moments later, Burroughs was handed another scoring opportunity when Jim Mitchell, a halfback for North High, fumbled the ball and it was recovered by a player for the Burros.

It took the BHS varsity just five plays to tally a go-ahead touchdown. On the final play of this series, Means kept the ball and, from the North High 5-yd. line, followed the blocking of Hud Minshew into the end zone. A try for the PAT on a pass play failed, and Burroughs led 12-7.

A 60-yd. return of the second half kickoff by Ray Eastmon of Burroughs put the Ridgecrest team in a good position to improve upon its 12-7 lead over the North High Stars

NWC Gold wrapped up the flag football title with a 19-6 win over the VX-5 Vampires. In what was a defensive struggle, the Gold team got off to a 6-0 half-time lead on the strength of a pass from quarterback Dorrell to Dean Poe, left end.

The touchdown was scored with 2 min. remaining to play in the first half as Dorrell rolled out to the right and looped an aerial back across the field to Poe, who was near the out-of-bounds line of the left side of the end zone. The try for the extra point failed and the half ended with NWC Gold having a 6-0 edge over VX-5.

Dorrell, who played in the defensive secondary as well as on offense, also had a hand in the game's second tally. Back to defend against a pass thrown by VX-5, he got his hand on the ball and it was then picked out of the air by a teammate, Bill Collum, who intercepted the pass and sprinted 40 yds. for a touchdown that gave NWC Gold a 12-0 lead in the third quarter.

VX-5's only score of the game was set up by Frank Lambert's interception of a pass thrown by Dorrell. Lambert, a linebacker for the Vampires, caught the ball at around the Gold 7-yd. line and was stopped just short of the goal line. On the next play, James French, VX-5 quarterback, passed the ball to Ike Saville, who caught it in the end zone. The try for the PAT failed, but the NWC Gold lead had been cut to 12-6.

The fireworks weren't over yet, however, for a kickoff return by Dean Poe of the NWC Gold team moved the ball all the way to the Vampires' 20 yd. line with a little less than 2 min. still left to play in the game.

(Continued on Page 7)

The Skipper sez



All China Lakers, including military personnel, civilian employees, and their dependents are invited to submit questions to this column. Such queries must be in good taste and pertain to matters of interest to a large segment of the China Lake community. Answers to these questions are directly from Capt. Lahr. Please call NWC ext. 2727 with your question and state whether you are a military member, civilian employee or dependent. No other identification is necessary. Since only three or four questions can be answered in the Rocketeer each week, anyone who would like to ensure getting an answer to a question may leave name and address for a direct contact, but this is not required otherwise. There is no intent that this column be used to subvert normal, established chain-of-command channels.

QUESTIONS

This is Cdr. Sam Lodge, Commander of Reserve Unit 0176 at NWC (I also work out at Echo Range). I'd like to comment on an article I saw in the Rocketeer about the bank charging \$1 to cash checks. I was always under the impression that the banks were here for the convenience of the military and having an account shouldn't make any difference. They are not here to charge people who don't have an account with them. If they want to charge for that, maybe they ought to be moved off the base.

Civilian — My complaint, if you want to call it that, is on behalf of military personnel on the base. I feel if the Bank of America is allowed to have a branch on the base, they should not be allowed to charge military personnel \$1 to cash a Treasury check. I feel that it's an unfair practice, and this is essentially it.

Civilian — My interest is in the treatment of the military at the Bank of America on Center. They have a handwritten sign in their lobby now, stating that the military, if they're not affiliated with the Bank of America through a savings account or whatever, have to pay a dollar to cash U.S. Treasury checks, which I feel is unfair to the military.

If the bank is going to have a non-competitive position on the base, then the least they could do is to cash checks free for the military. If not, they ought to close that branch and use their one in Ridgecrest and stay in competition with the rest of the banks. I would be interested in a feedback on this one way or another.

ANSWER

I have received several questions on this subject. The policy with regard to on-installation military banks charging non-account holders for cashing U.S. Treasury checks was revised effective Jan. 1, 1982.

Now these banks are authorized to charge a fee not to exceed \$1 per U.S. Treasury check cashed for non-account holders. Our on-installation banking facility has chosen to exercise this authorization and is now charging this fee to non-account holders.

I would like to point out that the bank voluntarily sends two people out to Armitage Airfield every payday to provide this check cashing service to personnel working there. The bank incurs costs of employee time, data processing, and interest in carrying out this service. The nominal amount charged, therefore, seems very reasonable.

Free Treasury payroll check cashing to non-account holders is still provided on Center at the NWC Federal Credit Union.

QUESTION

Civilian — I'm calling in reference to the Sanquist Road guard gate. I am wondering about why in the mornings the gate is not open on time at 6 a.m. Could something be done about that since people have to be on the job at 6 a.m. and some are having to go around to Lauritsen gate. As a result, they are late to work.

ANSWER

The Security Manager of Pan American Security states he is aware of only one instance of the Sanquist Road Gate not being opened on time. The guard who failed to report for duty, in that instance, has since been terminated. Additionally, a supervisor is now available to fill in when a guard does not report for duty.

Any complaints regarding the contract security guards should immediately be reported to W. E. Davis, Director of Safety and Security, or the China Lake Police Watch Commander after working hours.

QUESTION

Military dependent — Don't you think it is about time Ridgecrest was given an ultimatum for a deadline to establish an animal shelter? How many more miserable winters and summers will these unfortunate animals have to suffer? We both know as long as the Navy sits on its hands so will Ridgecrest.

ANSWER

Recent articles in the local papers indicates that the City of Ridgecrest is taking steps to alleviate the sorry state of affairs you allude to. I am not happy with the animal shelter on Center and I sure hope that the city goes ahead with the proposed plan.

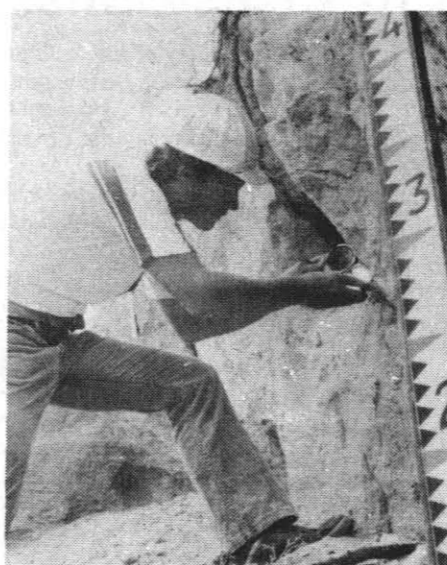
'quake study . . .

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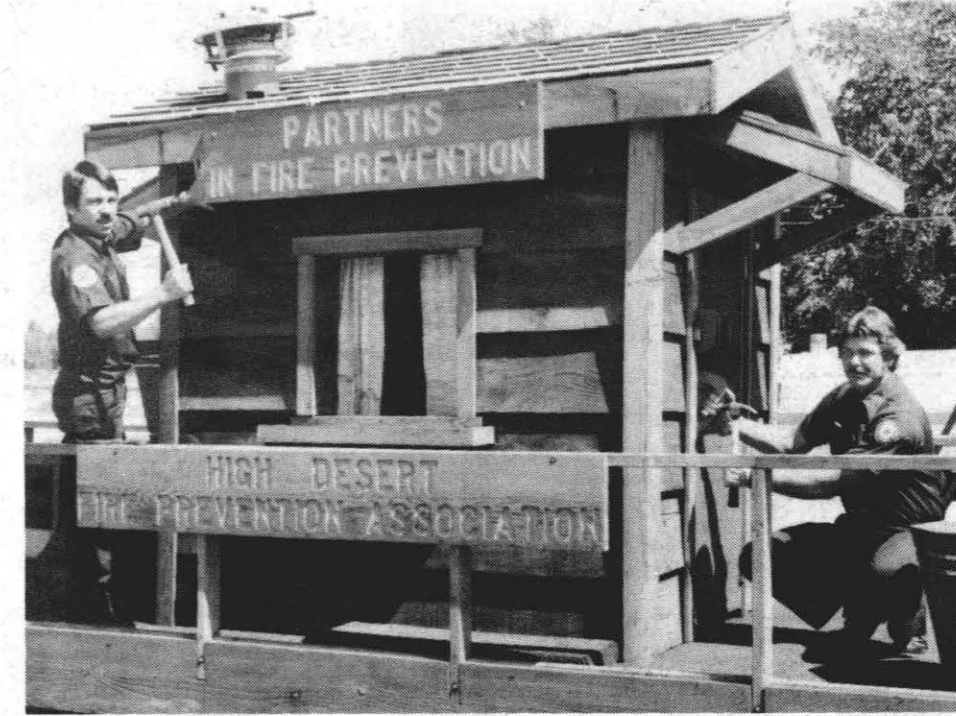
Dr. Roquemore, Dr. John Zellmer, and Pat Smith, who had been doing the trenching, spray a co-polymer emulsion on the trench walls to hold the "geologic picture" in place while it is being studied. This emulsion, the same one used to stabilize the soil on helicopter pads, was developed by Ted Herling, who worked in the Ordnance Systems Department before his retirement.

The strata are photographed, and the data is logged on a master record. By using photographs, more data is obtained than could be gathered by a geologist in the trench logging the data manually. The photographs also preserve the data found in the trench after it has been backfilled or otherwise obscured. Dr. Roquemore comments that it can be awfully hot in the bottom of a trench in the desert sun.

On the basis of this data, geologists can determine when earthquakes occurred and the probable "window" in which another one could be anticipated. This information is then entered on the map for use by the Center's planners and builders.



PRECISE WORK — Dr. Glenn Roquemore, a geologist, uses a Brunton compass to measure the orientation of an earthquake fault plane in the NWC range area. The survey rod in the photo was placed there for the purpose of showing the size of the tiny plot being examined. There is a distance of one foot between each number on the survey rod. —Photo by Don Cornelius



FLOAT BUILT FOR PARADE — NWC firefighters Mike Vradenburg (at left) and Mike Dunham put the finishing touches on a float that will be entered in tomorrow's Desert Empire Fair parade by the High Desert Fire Prevention Association — an organization composed not only of firefighters from China Lake and Ridgecrest, but the Bureau of Land Management and the U.S. Forestry Service as well. The firefighters' participation in the parade is a prelude to the annual observance of Fire Prevention Week (Oct. 3 through 9). —Photo by Joe Dunn

Fire Prevention Week activities begin with booth at local fair

An expanded schedule of events has been laid out for this year's observance of Fire Prevention Week by firefighters from the NWC Safety and Security Department's Fire Division.

Getting the jump on the traditional observance of Fire Prevention Week (Oct. 3 through 9), firefighters from China Lake opened a booth in Joshua Hall during the Desert Empire Fair, which began Wednesday, Sept. 22, and will continue through Sunday.

A variety of printed information on fire prevention and safety tips aimed at heading off the danger of fire is being distributed at the booth, the cost of which has been provided by the Desert Flames, women's auxiliary of the China Lake firefighters.

The Naval Weapons Center Fire Division invites all local residents to join in the observance of Fire Prevention Week, which commemorates the Chicago fire of 1871 in which 250 people lost their lives.

The theme of the week is "Learn Not to Burn," and local activities will center around providing information to school children in the Indian Wells Valley. A series of programs is planned Monday, Tuesday and Wednesday, Oct. 4, 5 and 6 starting at 9:30 a.m. at the Burroughs High School lecture center. A film, skits and short talks are scheduled to further reinforce information of life-saving value on the subject of fire prevention that will be provided for the benefit of students in the first through third grades.

In addition, family groups are encouraged to visit Fire Station No. 1 (corner of East Inyokern Road and Lauritsen Road)

Update on RIF . . .

(Continued from page 1)

caused by an instrumentality of war incurred in the line of duty during wartime.

To receive such consideration, acceptable documentation must be on file in the veteran's Official Personnel Folder. The documentation, i.e., a letter from the Veteran's Administration or uniformed service, must indicate the degree of disability and is valid for one year from date of issuance.

Those who wish to claim a 30 percent preference and have not yet previously notified the Personnel Department are advised to do so by contacting the Employment-Wage Classification Division (Code 092) as soon as possible, but no later than next Thursday, Sept. 30.

Any questions concerning the potential RIF should be directed to the personnel management advisors for each department on Center.

anytime from 9 a.m. to 8 p.m. during the period of Oct. 4 through 10.

For those interested, special arrangements can be made to visit the Station No. 3 at Armitage Airfield.

On display at NWC's main fire station will be the various types of equipment normally used in fighting structural fires, including portable power tools used to extricate crashed vehicle or fire victims. Also on exhibit will be the equipment used by emergency medical technicians, and firefighters will be present to demonstrate the use of different kinds of portable fire extinguishers — explaining as well which ones are best suited to combat what types of fires.

Arrangements can be made to have fire inspectors present talks to civic clubs and organizations, departments or working groups on Center, or family groups during Fire Prevention Week by calling NWC's fire prevention inspectors at NWC ext. 2146.

Next week, two-member teams from the China Lake Fire Prevention Branch will be going out to visit public school kindergarten classes and pre-school programs in the local area to show an animated film and distribute materials keyed to the "Learn Not to Burn" theme of Fire Prevention Week.

Elementary school students are preparing entries in the Fire Prevention Week poster and essay contests. Winners at the various grade levels will receive medals for their efforts and two grand prizes of \$50 Savings Bonds will be provided by the Desert Flames, women's auxiliary of the China Lake firefighters, to the overall winners in the poster and essay contests.

Fire prevention programs also will be presented at elementary schools in Kernville and Lake Isabella on Oct. 7 and 8.

Smokey the Bear, Woodsey the Owl, and Sparky the Fire Dog will be making appearances during the various activities that are planned during the 2½ week period from Sept. 22 through Oct. 9.

Hays to speak at IEEE

luncheon meeting Tues.

Burrell W. Hays, NWC Technical Director, will be the guest speaker at a luncheon meeting of the China Lake Section of the Institute of Electrical and Electronics Engineers (IEEE) next Tuesday at 11:30 in the Chart Room of the Commissioned Officers' Mess.

Hays will discuss "Engineering Technology and NWC's Future."

No advance reservations are necessary. Food selections include the regular menu items or the buffet.



ON SAFETY BANDWAGON—Employees of the Ordnance Logistics Branch (Code 3252) in the Ordnance System Department recently rated special recognition for their improved safety on the job. On hand to congratulate two workmen in Code 3252 who garnered prizes for their shop's accomplishment in the field of safety were Paul Cordle (at left), associate head of Code 32, and (at right) Glen Johnson, a supervisor in Code 3252. A sleeping bag and an ice chest were the prizes claimed by Ed Creer (second from left) and James Fulmer.



SAFETY CONSCIOUS—Capt. J. L. Horacek (at right), head of the Public Works Department, and Rich Printy (at left), head of the Code 26 Maintenance Control Division, were on hand to congratulate recent winners from the Laborer Shop (Code 2641H) in the Center's Individual Safety Awards Recognition Program. Those who received such individual prizes as a camp stove and a radio are (from right to left) Leroy Mitchell, Samuel McMullen, and Brian Reese. Also present for the photo was Howard Collins (second from left) foreman in the Laborer Shop. Craig Lamson, another employee in Code 2641H, also won a radio but was unable to be present for the photo.

Enrollment in Pre-retirement Planning Seminar is now open

Enrollment is now being accepted for a Pre-retirement Planning Seminar that will begin on Thursday, Oct. 7, and continue through Nov. 17.

Most of the segments (except the one on "Planning for a Successful Retirement") will be 1½ to 2 hours in duration and will be held once a week. The "Planning for a Successful Retirement" session will be an all-day workshop. The total amount of time required for the seven-week seminar is 16 hours.

The seminar is intended for Naval Weapons Center civilian employees who are planning to retire within the next five years. Spouses of enrollees are also encouraged to attend.

The course is designed to provide a wide range of information on such subjects as tax regulations, the Civil Service Retirement System, Social Security and Medicare, legal matters, health maintenance, and a special workshop designed around enrollee participation in planning for various aspects of retirement.

Employees interested in attending this seminar should submit a training request and authorization form via appropriate department channels in time for it to reach Code 094 by Oct. 1. The seminar will be limited to 50 employees.

Those interested in the Pre-retirement Planning Seminar also are asked to indicate the approximate date of retirement on their training request.

Further information can be obtained by calling Nancy Cleland at NWC ext. 2018 or 2592.

BPW initiation dinner set

The China Lake Business and Professional Women's Club will hold an initiation dinner on Tuesday at the Chief Petty Officers' Club.

Everyone is welcome to attend. Those wishing to make reservations should do so promptly by contacting Mabel Hawley, 1914 Sidewinder Rd., Ridgecrest.

TD Award presented for aid given to Cruise Missile program. . .

(Continued from Page 1)
and timely coordination of a wide variety of tasks both at the Naval Weapons Center and other participating field activities.

As a result of X-raying Bullpup warheads in which cracks, voids and crystal growth were noted, a decision was made to reload and qualify the warheads with an alternate explosive.

The initial effort required a complete safety test series, as well as limited performance tests to demonstrate acceptability of the reloaded warheads for use as a baseline warhead in conventional land attack and anti-ship Tomahawk Missile Systems.

All safety tests were successfully completed; however, dynamic track tests to demonstrate survivability until fuze functioning against reinforced concrete targets were unsuccessful. Based on performance failures, Boss immediately set a back-up program into motion.

The required number of test units were reloaded by the Naval Weapons Station, Yorktown, Va., and thanks to the leadership and technical direction of Boss, the safety, environmental and performance tests of the

reloaded and finally the original as-loaded warheads were successfully completed by personnel at Eglin Air Force Base in Florida and by NWC employees.

During this critical requalification program, Boss provided technical support to ensure that the test warheads were filled and checked as required before shipping them to the contractor (General Dynamics) and to Fleet activities for specific evaluation efforts. This technical support played a major role in identifying and correcting problems that arose during the requalification effort and enabled all test requirements to be met, leading to approval for service use of the Bullpup "B" warhead.

During the "Project Reload" program, Boss had to coordinate and balance the needs of the sponsor and Joint Cruise Missile Program Office with the test and performance requirements imposed by the Navy. He also had to coordinate with other Navy activities, the Air Force, and General Dynamics, the prime contractor of the Tomahawk Cruise Missile System.

The exceptional manner in which Boss carried out this demanding assignment also

Success reported of Individual Safety Awards Program at NWC

The Individual Safety Awards Recognition Program, inaugurated in July 1981 in the Maintenance Utilities Division (Code 264) of the Public Works Department, is proving to be a great success.

Already the frequency rate of disabling injuries on the job in Code 264, the only code that has participated in the program for the first full year, has gone down from 5.50 in July 1981, to 1.58 in July 1982. This means there was a reduction from 15 to 6 in the number of disabling injuries on the job in one year.

The heightened safety awareness generated from this safety awards program has had a positive impact on the Center's safety record: in July 1981, the frequency rate of disabling injuries on Center was 1.17; in July 1982, the frequency rate was down to .87.

The successful program is still expanding. Work centers in the Engineering Department and the Ordnance Systems Department have participated in the program since January of this year and other codes may soon join their ranks.

Awards are presented on a quarterly basis to the shop or work center that has accumulated the highest total number of points for a three-month period.

Each shop or work center can earn a maximum of 50 points per day. A point is deducted for each individual who is off on sick or annual leave. In the event of a work-related accident, all points that otherwise would have been earned for the day are deducted.

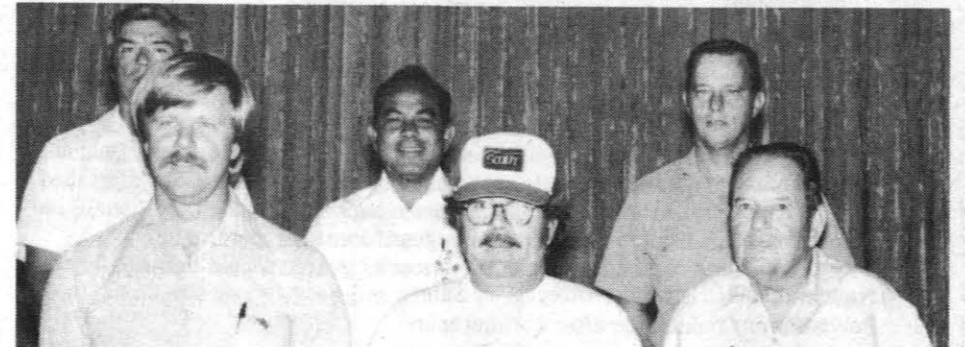
In addition to a large safety award banner that the winning group receives, approximately one fourth of that work center's employees are selected for awards, based on their individual points.

Since each code participating in the program is eligible to win each quarter, all employees within the code eventually can win prizes.

Chuck Willhite, head of the Explosives and Laboratory Safety Division in the Safety and Security Department, says that the reduction in job-related injuries, and consequently the reduction in compensation costs, means a substantial savings to NWC that has yet to be fully realized.



SAFETY PROGRAM WINNERS—The Engineering Department's Cam Shop (Code 3641) was one of four shops or work centers recognized for excellence in the Individual Safety Award Program during the second quarter of 1982. Dale Randle (at right), head of Code 36's Engineering Prototype Division, shows his pleasure at this turn of events which resulted in prizes of a cutlery set to Nick Zagala and a camp stove to Dave Leighton (shown in center). At left is Roy Dyarman, the Cam Shop supervisor. Another Code 3641 employee, Gene Graham (who was unable to be present for the photo), won a radio.



SAFETY PAYS OFF—Special prizes of power drills and a camp stove were won by (front row, l.-r.) David Stahlin, Eldon Chipp, and William Mitchell, whose efforts, along with others in the Power Shop (Code 2642V) of the Public Works Department's Utilities Maintenance Range Branch earned them top standing in the Center's Individual Safety Award Program. A power drill also was selected as his prize by George Perrige, who was unable to be present for the ceremony during which Rich Printy (back row, at left) was the master of ceremonies. Also pictured are Leo Loth, supervisor of the Power Shop, and Capt. J. L. Horacek (back row, at right), head of the Public Works Department, who presented the awards.

was recognized in a letter of appreciation that was sent to him, via the Commander, NWC, by Rear Admiral W. M. Locke, Director of the Joint Cruise Missile Project Office in Washington, D.C.

In his letter, RADM. Locke expressed his thanks to employees in the Conventional Weapons Division in Code 32 at NWC and, in particular, to Boss, "for the assiduous effort provided in support of the Tomahawk Cruise Missile Program's 'Project Reload.'"

Boss has been employed at China Lake since 1948, when he came here after a year of college in Bakersfield to work as a laborer. By taking advantage of college and university extension classes, and applying himself on the job he passed the engineering equivalency examination and has been a mechanical engineer since 1964.

His first job here was in the old Explosives Department at the Salt Wells Pilot Plant and, over the years, he has been involved in a number of especially interesting programs.

Boss included mention of "Flameout," a project undertaken in the mid-1950s to determine why jet aircraft engines flamed out when firing rockets at high altitudes.

For nearly five years, Boss was involved in the Moray program, a two-man submersible that was designed and built here. He was the test engineer at the time that tests of the underwater craft were being conducted near San Clemente Island.

More recently, efforts of the Technical Director Award recipient have been concentrated in the field of warhead and bomb development. Boss was the project engineer in the final stages of the "Quiet Bomb" effort, and saw this program through technical and operational evaluations prior to its release to production.

"Quiet Bomb" is a device used in providing training to the Fleet in the use of electric fuzes for bombs, Boss said.

In addition, he has been involved since 1978 in the In-Service Missile Cook-off Improvement Program. Its purpose was to increase the cook-off time of such in-service weapons as Sidewinder, Sparrow, Walleye, and Standard Arm in the event of a fire aboard an aircraft carrier.

He was assigned to the Tomahawk Cruise Missile Program's "Project Reload" in November 1980.

CFC fund drive Oct. 1-31 offers opportunity to give once for all

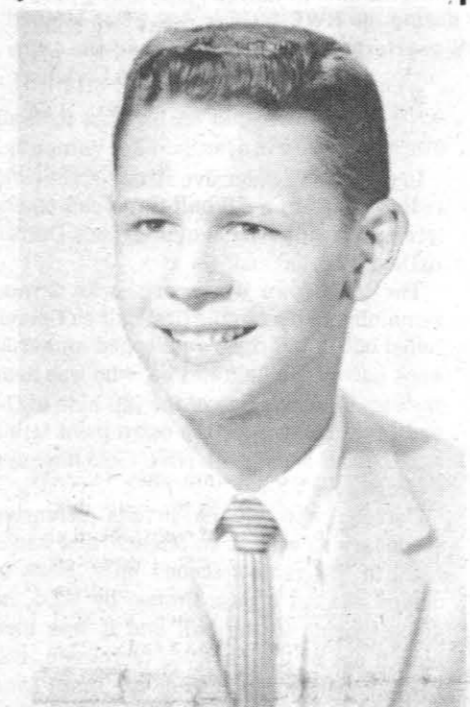
Next Friday, Oct. 1, marks the kick-off of the Combined Federal Campaign, the annual appeal for the support of voluntary human care and health agencies made to all military and civilian personnel.

More than 125 agencies are represented in this year's appeal. Those who contribute may designate any one of the agencies to receive part or all of their contribution, or may decide to donate to a group of agencies.

Agency groupings include the local organizations that have banded together as the United Way of the Indian Wells Valley, National Health Agencies, International Service Agencies, National Service Agencies, and two unaffiliated local groups (Women's Center — High Desert, and Maturango Museum).

All undesignated money will be divided in

Remember when. . .



Could it be that 25 years have elapsed since this photo was taken of a graduate of University City High School, located in a suburb of St. Louis, Mo.?

That's the case for this week's "Remember When..." column personality, who grew up in the heartland of America and was a member of his high school track and field team.

Past on his feet in those days, he ran the high and low hurdles, the 100- and 200-yd. dashes, and also was on the 880-yd. relay team. Hunting for rabbits and quail was another pastime he enjoyed.

College followed at the Missouri School of Metallurgy in Rolla, Mo., where he received a BS degree in mechanical engineering in 1962 and was active in fraternity affairs.

His work career at China Lake, which began as a Junior Professional in 1962, was interrupted by a 3-year hitch of obligated military service in the Army Corps of Engineers. He had earned an Army commission as a ROTC participant during his college days, and his tour of duty included serving as company commander of the 185th Heavy Engineering Maintenance Co. at the Army Depot in Granite City, Ill.

When he returned to China Lake in 1965 he began working his way up his career ladder under the watchful eyes of Frank Knemeyer in old Code 40, and also was employed in a division headed by Dr. Peggy Rogers.

If you haven't recognized this longtime Center employee, turn to Page 8.

Editor's note: Readers' contributions of old photos for the "Remember when..." column can be made by delivering them to the Public Affairs Office, Code 003, phone 3511, attention Beth Holtmanns. Please include a telephone number at work so that information to accompany the photo can be obtained.

a ratio of 65 percent to the United Way of Indian Wells Valley, 25 percent to the National Health Agencies, 5 percent to the National Service Agencies, and 5 percent to the International Service Agencies.

Any donations made are tax-deductible, and can be made through payroll deduction. Since the campaigns cover a calendar year, payroll deductions will begin with the first full pay period after Jan. 1, 1983. (Payroll deductions are terminated automatically if anyone separates from federal service, or may be terminated during the year on a written request to the Payroll Office.

This once-a-year campaign saves time and money. Campaign overhead costs average less than 4 percent each year, meaning that the agencies receive 96 percent of all the money donated.

Key personnel from throughout the Center and its tenant organizations met at a luncheon today during which they were briefed about the campaign so that they will be able to answer questions raised by donors.

Carrying on the briefing were L.Cdr. Terry Callaghan and Loretta King, who are chairing this year's campaign, and Jim Walden, United Way president.

The United Way, as Principal Combined Fund Organization, will manage the local CFC this year.

All Centerites will receive a brochure and pledge card at the time that their key workers present the CFC briefing. In the brochure are listed all 125 separate agencies that have combined in this appeal and a contact point for each agency so that anyone who has specific questions may seek the answers.

The pledge cards should be turned in as quickly as possible to enable necessary paperwork to get started. Each week, also, an announcement will be made at the Commander's meeting about the percentage of employees who have chosen to participate from each department.

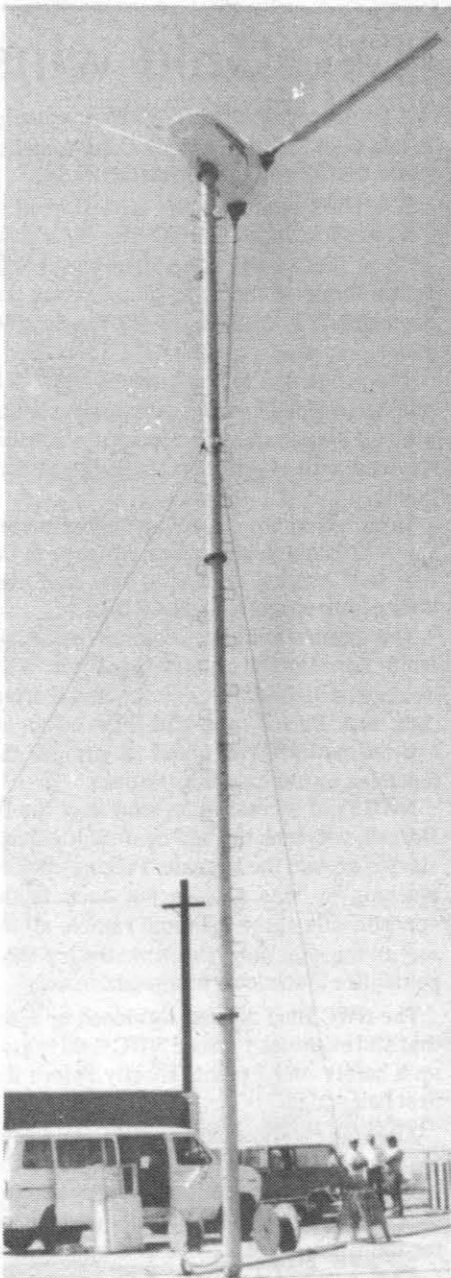
A thermometer at the main gate will also show how the contributions are coming in for this worthy cause.

While no specific monetary goal has been set for this year, a total of \$135,291 was collected last year, and the need this year is far greater because of the tight economic situation in the country and because of cutbacks in federal funding for human services.

Luncheon set Oct. 7 to observe Nat'l Employ Handicapped Week

All Center employees as well as members of the community are invited to join in the local observance of National Employ the Handicapped Week by attending a luncheon at the Enlisted Mess on Thursday, Oct. 7, at 11:30 a.m.

Guest speakers at the luncheon, which is sponsored by the Center's Handicapped Employment Program committee, will be Capt. Lahr and Dr. T. O. Bartley, Deputy EEO Officer at the Naval Ocean Systems



Wind-driven turbine generates power to run instruments

Personnel in the Center's Energy Program Office have an unusual wish for residents of the local area — they hope that the wind will blow briskly during the next several weeks.

A towering structure back of the Public Works Department complex provides the reason for this unusual wish: the Center's first wind-driven power generator has been erected there and is now being checked out before it is moved to its eventual location at Pinyon Point in the Center's northern range area.

The turbine will provide electric power for an instrumentation trailer located there at a marked saving in both fuel and money since the instrumentation is currently being powered by a diesel generator.

While annual wind velocity in the IWV is only 7 to 8 miles per hour (not nearly enough to make a wind generator practical), at Pinyon Point the average wind velocity is 18 miles per hour, and gusts of over 100 miles per hour are often clocked.

When Windworker 10, the 10-kilowatt machine manufactured by Windworks of Mukwonago, Wisc., has been thoroughly checked out in its present location, it will be disassembled and moved to its final Pinyon Point location.

Fiscal year-end timecards must be turned in Sept. 30

All personnel who are responsible for the submission of employee timecards are reminded that due to the closing of fiscal year 1982, it will be necessary for month-end timecards dated Sept. 30, 1982, to be turned in to the Payroll Office by 4:30 p.m. next Thursday.

Getting the fiscal year-end timecards to the Payroll Office by 4:30 p.m. on Sept. 30 is necessary in order to meet the payroll work deadlines for the end of the fiscal year. No timecards are to be held out, since failure to provide the Payroll Office with an accurate timecard by the Sept. 30 deadline may result in a delay in pay, as well as incomplete data for year-end computations.

Timecards for the balance of the workweek (dated Oct. 2, 1982) also will be available for pickup on Sept. 30. The Oct. 2 timecards are to be submitted in the normal manner on Friday morning Oct. 1, citing the appropriate FY 1983 job orders.

Police reports . . .

A handbag was taken from a vehicle parked in front of the Commissary Store on Sept. 16 between 5 and 5:30 p.m. The value of the bag and its contents is \$275.

SCALES MISSING
Murray Junior High officials reported to China Lake police that two triple-beam balance scales that were on the school grounds on June 10 were no longer there on Sept. 16. The value of the two missing scales is \$194.

CLOTHES LINE POLE TAKEN
A clean thief took a clothes line pole and clothes line from a home on Kearsarge Avenue either Friday night or Saturday morning last week. Estimated value of the pole and lines is \$45.

LADDER STOLEN
Another thief who wanted to go up in the world took a wooden ladder from the back yard of a home on Mitscher Road either Thursday night or Friday morning of last week. The owner estimates the value of the ladder to be \$100.

BICYCLE ACCIDENT
A bicycle and a Honda automobile tangled at the main gate on Tuesday, when the bike hit the side of the car. Fortunately, injuries to the bicyclist were relatively minor.



PLANNING SESSION—Conferring about the Center's participation in National Employ the Handicapped Week are members of the Center's Handicapped Employment Program Committee. They are (l. to r. around the table) Nancy Finney, Sophie Gee, Kerri Freund, Dan Banks, Tina Rockdale, and Alan Maschoff. —Photo by Joe Dunn