



PROGRAM DISCUSSED — Pete Anderson (far left), executive director of the Disabilities/Substance Abuse Task Force, watches as Tina Rockdale, NWC Handicap Employment Program Manager, receives a brochure from Bob Wendt, a job placement specialist for disabled students at Cal State University, Long Beach while Ken Schleming, president of the Board of Directors of the Disabilities/Substance Abuse Task Force, looks on.

— Photo by PHAN Rebecca Gill

Qualified handicapped a good source of potential employees

Because of the Civil Rights legislation of the 1970s, many facilities and work places became physically accessible to the disabled, Pete Anderson told a capacity audience at the Handicap Employment Program luncheon held Oct. 6, but this did not mean that these places were attitudinally accessible for the disabled.

Anderson, the Executive Director of the Disabilities/Substance Abuse Task Force based at California State University in Long Beach, spoke at the luncheon. He and two of his staff also conducted morning and afternoon workshops for persons from the Center and the community about resources available for the physically disabled, substance abusers, and those who are both disabled and substance abusers.

The disabled are a major and largely untapped job resource, said Anderson. Employers must concentrate on what these individuals can do rather than what they can't do, he emphasized.

"Placing yourself in the position of helping the disabled," Anderson noted, "is valuable. We must encourage disabled persons to look for the jobs that they can do. It's difficult because there's no trust between the disabled and the temporarily able bodied."

According to Anderson, those who are both disabled and are substance abusers suffer from double denial: most persons have difficulty in developing meaningful relationships with disabled persons, and seem unable to realize that a disabled person can be a substance abuser as well.

Substance abusers (whether disabled physically or not) have the potential to cure themselves with help from others. "We all need human support," he said.

Many of the problems that both the physically disabled and those who are disabled by substance abuse have, according to Anderson, come about because they don't have the social skills that they need to survive in a community, skills such

as knowing how to budget, how to meet people (other than in bars), how to function in day-to-day situations.

He used himself as an example, commenting that one of the most difficult things he needed to undertake when he was undergoing rehabilitation after being an alcoholic was the learning of these social skills.

One of the main purposes of the organization that he co-founded, the Disabilities/Substance Abuse Task Force, is to develop networks between groups that sponsor programs and have resources for the disabled and those that have similar resources and programs for substance abusers. When these groups get together, each is able to enhance the efforts of the others, and community as a whole benefits, Anderson said.

Any person or organization that would like to receive the newsletter that his organization publishes can get on the mailing list by telephoning Tina Rockdale, NWC's Handicap Employment Program Manager, at NWC ext. 3129.

Mistress of ceremonies for the program was Nancy Swallow, who is vice chairman of the Handicap Employment Program Committee. She introduced committee members before calling on Capt. Scotty Vaught, Chief Staff Officer, for welcoming remarks.

Capt. Vaught pointed out that disabled but qualified persons can fill many of the Center's jobs, that such persons have a lot of talent, and that the Handicap Employment Program was designed to help the Center's managers and employers to tap that resource for NWC.

FOR NAVY NEWS

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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. 2264. 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-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. 33-037, General Engineer/Electronics Engineer/Physicist/Mathematician/Computer Scientist, DP-801855/1318/1328/12, Code 33131 — This position is at the Encounter Simulation Laboratory (ESL), a detached China Lake facility located in Norco, California. The ESL is an automated measurement facility that simulates encounters of weapon systems with threat targets and measures the radar response to these targets. The incumbent will assist in the operation, maintenance, and development of the ESL facility. The incumbent's major area of responsibility will be development and use of control, data acquisition, and data reduction software. **Job Relevant Criteria:** Must be able to visualize spatial relationships and possess the mathematical tools to work with the mathematical models. Ability to communicate effectively with outside users of the facility, handle simultaneous tasks, and meet deadlines. Knowledge of fuser/sensor systems, analytical modeling, and radar cross section measurement techniques are needed but can be learned on the job.

Announcement No. 08-043, Accounting Technician, GS-253-4/5, PD No. 8008002N, Code 08042 — This position is located in the Travel Office, Accounting and Disbursing Division of the Office of Finance and Management. The incumbent performs a variety of duties in connection with the financial control of the Center. Such duties include, but are not limited to, responsibility for the control and maintenance of travel and transportation costs chargeable to the Navy Industrial Fund (NIF) covering a variety of types of travel on civilian, military, invitational, and permanent change of station travel orders. **Job Relevant Criteria:** Ability to understand and apply regulations that will permit travel authorizations; ability to communicate factually and effectively with all levels of personnel; ability to perform routine clerical duties; ability to operate an electric typewriter and calculator.

Announcement No. 09-016, Staffing Clerk (Typing), GS-203-4/5, PD No. 8209003N, or Clerk (Typing), GS-203-4, PD No. 7909023N, Code 092 — This position is located in the Employment Wage and Classification Division of the Civilian Personnel Department. Incumbent is the central point of contact for individuals interested in employment with the Naval Weapons Center or the Federal government. The incumbent counsels prospective employees regarding the eligibility and application procedures; serves as central coordinator for OPM certificates of eligibilities; coordinates registration of employees in the Overseas Employment Program, Priority Placement Program, and Automated Career Management System. Manages the Center's WAE Clerical pool, receiving requests for placement and assigning employees. **Job Relevant Criteria:** Ability to understand and apply regulations that will permit travel authorizations; ability to communicate factually and effectively with all levels of personnel; ability to perform routine clerical duties; ability to operate an electric typewriter and calculator.

Announcement No. 09-017, Personnel Clerk (Typing), GS-203-4/5, PD No. 822134, Code 092 — This position is located in one of the Personnel Service Divisions of the Personnel Department. Incumbent performs the following duties for a major department(s): processes all actions affecting appointments, promotions, pay adjustments, separations, assignments, etc.; performs noncompetitive qualification ratings; processes classification actions and maintains associated files and records. **Job Relevant Criteria:** Ability to deal factually and effectively with all levels of NWC employees; ability to work under stress and pressure.

Training opportunities

The Navy Scientist Training and Exchange Program (NSTEP) is designed to provide long term training opportunities for NWC employees grades GS-9 and higher. These training assignments are located in the Washington, D.C. area. The program is used for cross training and development of key personnel at the middle, senior and executive levels. The training varies from 6 months to 2 years depending on the assignment. **Job Relevant Criteria:** The employee selected for the training assignment at his current grade level and position description. Applicants must be at the grade level listed in the notice. For information or to apply for the below listed training opportunities, contact Len Gulick or Donna Gage, Code 01A2, Ext. 3793.

Interdisciplinary Position, DP-3/4 — This position is in the Defense Advanced Research Agency (DARPA). Specific responsibilities will include originating and developing major research and development programs including the development of overall management plans, making technical and policy recommendations to the Office Director and DARPA Director, and keeping these programs within the bounds of dollars, time, material and personnel resources available. The participant will keep abreast of scientific technology and developments, on all phases of research related to the assigned areas of responsibility.

Areas of opportunity that can be developed exist in both tactical and strategic technology. Supporting science includes radar, radio, lasers optics, infrared acoustics, intelligence, organic and inorganic chemistry, nuclear phenomena, and systems analysis. Specific technologies and program areas assigned will be generated from a review and a match between the background of the participant and opportunities within a specific DARPA office. **Job Relevant Criteria:** The individual must already have a fair level of understanding and experience in program management and be reasonably well known through his or her technical endeavors. This person must have an ability to communicate orally and in writing, highly complex and technical matters to a very diversified audience. A rating of DP-4 is preferred.

ability to plan, organize, and accomplish work independently; ability to perform a variety of clerical functions; ability to type accurately and efficiently; ability to comprehend and apply regulatory information. Promotion potential to GS-6. Status eligibles may be considered.

Announcement No. 33-026, Quality Assurance Specialist (Electronics), DS-1910-2, Code 3315 — This position is located in the Design and Fabrication Branch, Sensor Systems Division, Fuze and Sensors Department. The incumbent will be responsible for keeping inspection records, inspecting fuze hardware for conformance with military standards and specifications, preparing test plans and procedures, preparing acceptance requirements, and performing acceptance testing. **Job Relevant Criteria:** Knowledge of electronic theory; current certification or ability to be certified as a Category F inspector under Navy soldering specifications WS-636D; ability to perform electronic hardware inspection using a microscope; knowledge of electronic test equipment; ability to communicate both orally and in writing.

Announcement No. 38-010, Digital Computer Systems Administrator, DP-301-3, PAC 833891, Code 3812 — This position is located in the Computer Services Branch, Computer Sciences Division, of the Research Department. The Computer Services Branch is responsible for the acquisition, operation, and maintenance of automatic data processing (ADP) equipment and system software for the NWC Central Computing Facility (CCF). The incumbent will be head, Computer Operations Section. The personnel of the Operations Section operate a Sperry 1100/83, VAX 780, Honeywell Page Processing System, COMP-80 microtche system and related peripheral systems. The incumbent will be giving technical attention to operations personnel, establishing and documenting operations procedures, providing an on the job operator training program, and establishing and monitoring work stations. Incumbent will schedule and monitor the system use and workload, plan and coordinate installation and movement of hardware, coordinate hardware maintenance and emergency maintenance with the various vendors. **Job Relevant Criteria:** Ability to run a computer center operation, ability to supervise and provide leadership, ability to communicate well (both orally and in writing), ability to plan a project, a solid knowledge of the operation of a large scale computer facility in a service environment (experience with equipment listed and above highly desired), willingness and ability to support the Center's EEO efforts. Status eligibles may apply.

Announcement No. 38-41, Procurement Assistant, GS-1104-4/5/6, PD No. 823901AN, Code 3802 — This position is located in the Staff Office of the Weapons Department. The incumbent assists management, project and technical personnel in the preparation of acquisition packages for the purchasing and contracting for materials, supplies, equipment and services for the programs in the Weapons Department. This involves providing contracting and sub requisition advice, expediting requisitions, stub follow up and interface with Supply personnel. **Job Relevant Criteria:** Knowledge of the NWC Safety System procedures; knowledge of acquisition procedures and regulatory requirements associated with sole source, ADPE, Test Equipment Management Systems (TEMS), Defense Industrial Plan Equipment and foreign purchases; ability to interface with personnel of all levels; ability to analyze and present findings.

Announcement No. 33-022, Electronics Engineer, DP-855-2/3, Code 3331 — This position is located in the Surface Targets Fuze Branch, Fuze Systems Division, Fuze and Sensors Department. The branch is responsible for the design and development of a wide spectrum of active optical, radio frequency, and microwave concepts and devices for air-to-surface proximity fuze systems. The incumbent will be responsible for the design and development of unique target detection and ranging systems. The incumbent's responsibilities include systems analysis, the development and evaluation of alternative technical solutions; and the design and testing of demonstration systems. **Job Relevant Criteria:** Knowledge and understanding of analog and digital electronic systems; some knowledge of optical and/or systems; effective in written and oral communication.

Announcement No. 34-78, Quality Assurance Specialist (Electronics), DS-1910-2, PAC No. 8436503N02, Code 3481 — This position is located in the Soldering Technician Branch, Product Assurance Division, Engineering Department. Incumbent supports technical personnel who

Other Premier League bowlers who topped the 600 series mark were Pat Nalley (642), Ted Zissos (612) and Allen Smith (604).

In addition to Bowen, bowlers with single game scores of more than 220 were Ernie Lanterman (252), Nalley (249 and 225), George Bowles (230), Zissos (223), Eddie Davis (222) and Bob Hooper (221).

Team	Won	Lost
Raytheon Sidewinders	93	32
Thrifty Wash	77	48
Sport Shack	71	54
Elks Lodge	67	58
Buggy Bath	62.5	62.5
Hideaway	54.5	70.5
Modern Trophy	54.5	70.5
Olympia Beer	52.5	72.5
Joseph's Italian Gardens	50	75
The Place	43	82

(Continued on Page 7)



DIVINE SERVICES

PROTESTANT		
Sunday Worship Service	1000	
Sunday School (Annexes 1, 2 & 4)	0830	
Bible Study (East Wing, Wednesdays)	1130-1230	
ROMAN CATHOLIC		
Sunday Mass	0830	
Daily Mass (except Sunday)	1135	
Confessions	15 min. prior to Mass	
Religious Education Classes (Annexes 1, 2 & 4)	1000 Sunday	
JEWISH		
Friday (East Wing)	1930	
UNITARIAN		
Sunday (Annex 95, as announced)	1930	

Mini-triathlon set Saturday, late entries still being accepted

Late entry fees are still being accepted for a mini-triathlon, sponsored by the NWC Recreation Services Department, that will be held on Saturday, Oct. 15.

Three events make up the mini-triathlon. They are a half-mile swim, a 25-mile bicycle ride, and a 6.2-mile run. Entrants can compete as individuals or form teams of up to three members — one of whom will swim, another enter the bike race, and the third participate in the running race.

Entry forms for the mini-triathlon are available at the Center gym. The fee at this time is \$11 per person for those who bring or mail their completed entry to the gym office.

The mini-triathlon will begin at 8 a.m. on Oct. 15 with the half-mile swim in the Center's indoor pool, and the two outdoor events—bicycle and foot racing—will follow.

All entrants will receive special T-shirts for their efforts, and there will be awards to the individuals who place first, second or third in the various age divisions of the competition, as well as first-place prizes for the winning teams.

Individuals will be placed in the Junior Division (17 years of age and under), Senior Division (18 to 35 years of age), and Veterans Division (35 years of age and over).

Men and women, boys and girls, will compete separately for awards in the mini-triathlon. The age groupings do not apply to the teams, which can be composed of athletes of any mixture of ages.

Sidewinders extend first place lead in Premier League

The Premier (scratch) League lead held by the Raytheon Sidewinders ballooned to 16 points over the second place Thrifty Wash (formerly National Car Rental) keglers during Monday night's action at Hall Memorial Lanes.

The Sidewinders polished off the Hideaway squad by a margin of 22-3 as they rolled the high team game (973) and high team series (2788) for the night.

The Elks Lodge team fell on hard times, dropping back from second to fourth place as a result of losing 20-5 to Thrifty Wash.

Jim Bowen came up with the best individual effort of the evening. He rolled a triple 200 series of 670 that was built on single game scores of 224, 225, and 221.

Other Premier League bowlers who topped the 600 series mark were Pat Nalley (642), Ted Zissos (612) and Allen Smith (604).

In addition to Bowen, bowlers with single game scores of more than 220 were Ernie Lanterman (252), Nalley (249 and 225), George Bowles (230), Zissos (223), Eddie Davis (222) and Bob Hooper (221).

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Plans being made for volleyball tournament

Preparations are being made for a two-man volleyball tournament that has been scheduled on Saturday, Oct. 29, at the NWC gym.

There is no entry fee for this event, nor will any awards be presented to the winners. Athletes wishing to compete in the volleyball tourney are asked to make this interest known by calling Jerry Kissick, the tournament chairman, at NWC ext. 3970.

The format for the tourney will be decided once the number of entries is firm. The deadline to register for this event is next Friday, Oct. 21.



GOING FOR LOOSE BALL — Scott Hannon (in center), a halfback for the Ridgecrest Scorpions, tries to control a loose ball despite close guarding by one of the East Foothill Rowdies. Sprinting for the scene of the action are Billy Hugo (at left), a forward for the Scorpions, and another player for the Rowdies. The Scorpions improved upon their record for the season with a home field 3-0 win over the visitors from San Bernardino.

Scorpions split two games in Inland Empire Soccer League

The Ridgecrest Scorpions youth soccer team followed up a .500 record on Oct. 1-2 by also splitting a pair of Inland Empire League contests this past weekend.

The split leaves the Ridgecrest team in second place in the league's Western Division with a record of three wins, three losses and a tie.

The Scorpions were defeated 6-2 last Saturday by the Riverside Devils in a match played at the Poly High School athletic field in Riverside, but returned for a home game on Sunday in which they shut out the East Foothill Rowdies (of San Bernardino) by a score of 3-0.

The game at Riverside on Saturday provided evidence of the Scorpions' improvement, in spite of the loss to the Devils, who are unbeaten this season.

In three previous matches against the Riverside team, the Scorpions had been shut out, so scoring two goals, even though losing 6-2, had to do something for the morale of the Ridgecrest team.

The Scorpions battled Riverside to a 1-1 tie in the first half of last Saturday's Inland Empire League tilt. Bill Ledden scored for the Ridgecrest team on a long free kick that a defender for the Riverside Devils deflected into his team's goal.

The issue was settled by Riverside early in the second half, however, as the Devils hit four goals within a span of 20 minutes to take a commanding lead of 5-1. The Scorpions had a letdown during which they either lost the ball, or passed it poorly, and the Riverside team took advantage of this to hammer in four unanswered goals.

The second and final tally of the game by the Scorpions was chalked up by Billy Hugo, who controlled the rebound of a shot by Jon Bainbridge to give the Ridgecrest team its

Burros lose . . .

(Continued from Page 6)

carrier, but officials detected a face mask infraction and the penalty moved the ball to the Santa Maria 27.

Two plays later, with the line of scrimmage at the Saints' 20, Agnon burst through the line only to lose control of the ball at the Santa Maria 4, where it was picked up by a defender — staving off a near-certain BHS touchdown.

When the Burros finally cracked the scoring ice in the fourth quarter, they gained good field position on fumbled punt that was recovered for the Ridgecrest team on the Santa Clara 17 yd. line by James Delgado.

Means got off a short pass to Tony Shields before being sidelined by an injury, and Blecha stepped in to pass for a touchdown and the 2-point PAT as well.

Parent-child Scotch doubles bowling tournament slated

Plans were announced this week for a Scotch doubles bowling tournament that will be held at Hall Memorial Lanes on Saturday, Oct. 29, starting at 2 p.m.

In this kind of bowling competition, one team member rolls the first ball and the other tries to pick up the spare if there are any pins left standing after the first ball.

This Scotch doubles event will be divided into two divisions—the first consisting of a parent and child between 8 and 12 years of age. The second division will be for a parent and a child 13 to 16 years of age.

Entry forms are available at the bowling alley, and the entry fee is \$12 per team. The number of double teams permitted is 40 per division.

Prizes to be awarded to the teams that place in first through fourth place in the two divisions of the Scotch doubles bowling tourney include bowling balls, bowling bags, \$10 gift certificates and free bowling games.

Additional information can be obtained by calling the bowling alley, phone NWC ext. 3471.

Youth soccer . . .

(Continued from Page 6)

A pass by Kathleen Garrison set up a goal by Jesse Lattig, who opened the scoring for the Express in its 2-0 win over the Apollos. The game-clincher for the Express was tallied by Mike Ogren.

A penalty kick by Sean Cassidy that was good for a goal in the closing seconds of the first half was the only score in the Rowdies' 1-0 win over the Fury. In the second half of this tight, defensive struggle, the Fury was able to make its only goal hold up for the win.

A goal by Bruce Fyer, assisted by Bobby Shumway, got the Eagles off to an early 1-0 lead in their contest with the Cobras, but the Cobras matched that single tally with one of their own by Isaac Curran in the second quarter which tied the score at 1-1.

The score remained unchanged until the fourth period when Scott Foremaster tallied the game-winning goal for the Cobras. His efforts were nearly matched by Shumway, who narrowly missed scoring for the Eagles in the closing minutes of the game.

Energy conservation tip

There is a myth that you won't save energy by turning down your thermostat at night because it takes more energy to warm up your home in the morning. This is not true. Setting the thermostat back for several hours each night will save energy.

Promotional opportunities

(Continued from Page 2)

manage, control, or coordinate engineering logistic, operational, maintenance, test and equipment support; participate in change control and deficiency investigations for developmental and operational systems/equipment; and provides formal instruction for

Secretarial opportunities

This column is used to announce secretary positions for which the duties and job relevant criteria are generally similar. Secretaries serve as the principal clerical and administrative support in the designated organization by coordinating and carrying out such activities. Secretaries perform numerous tasks which may be dissimilar. Positions at lower grades consist primarily of clerical and procedural duties and, as positions increase in grades, administrative functions become predominant. At the higher levels of organization, its objectives and lines of communication. Depending on grade level, typical secretary duties are implied by the job relevant criteria indicated below.

Unless otherwise indicated, applicants will be rated against the job relevant criteria indicated below. A supplemental form is required and may be obtained at Room 100 in the Personnel Building. **Job Relevant Criteria:** Ability to perform receptionist and telephone duties; ability to review, control, screen and distribute incoming mail; ability to review outgoing correspondence; ability 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 and organize workload of clerical staff processes; ability to plan and coordinate travel arrangements; ability to maintain and coordinate supervisor's calendar and to arrange conferences.

Announcement No. 26-390, Secretary (Typing), GS-318-4 or 5, PD No. 8026013N or 8226013N, Code 264 — This position has promotion potential to GS-5. The incumbent serves as secretary to the head, Geothermal Utilization Division Public Works Department.

the High Yield/High Production Soldering class. **Job Relevant Criteria:** Knowledge of procedures, standards and instructions applicable to Government Soldering Programs; ability to communicate effectively, both orally and in writing.

Announcement No. 31-153, Interdisciplinary Electronics Engineer, DP-855, General Engineer DP-801, Physicist DP-1310-2/3, PAC No. 8431500, Code 3144 — This position is in the Weapons Integration Branch of the Aircraft Weapons Integration Department. The incumbent is responsible for the technical management, engineering and coordination of a major portion of the MIL-STD-1760 and Stores Management System related tasks being conducted in support of the Joint Air Force/Navy Aircraft Armament Interoperable Interface Program. As such, the incumbent works at a national and international liaison level with several Navy, Air Force, Industry, and NATO groups. Several aircraft and missile systems are involved. **Job Relevant Criteria:** Experience in project, system and software engineering, and/or system architecture studies; a working knowledge of system and software architectures, avionics integration, air crew controls and displays, safety and survivability, system self check and BIT, algorithm commonality, signal conditioning and functional partitioning, data transfer and multiplex standards application; ability to deal effectively with personnel inside and outside government; ability to communicate effectively both orally and in writing.

Announcement No. 32-086, Instrumentation/Electronics Technician, DT-856-2/3, PAC No. 842428, Code 324 — This position is in the Applied Science Branch of the Advanced Technology Division, Ordnance Systems Department. The incumbent will be required to apply electronic instrumentation techniques to set up, measure and record data derived from experiments and tests such as materials testing, propellant evaluation testing and gun firings. Duties shall include mechanical as well as electronic set up. **Job Relevant Criteria:** Must have completed training in electronic fundamentals and at least two years of hands-on instrumentation experience; ability to design and fabricate special instrumentation; ability to use hand and power tools; must be able to do normal lifting; must be able to be qualified as a firing officer; must be able to work independently with general directions provided by engineers and scientists.



NWC varsity vs. Ft. Irwin tilts to open basketball season

Sports fans who can't wait for the round-ball season to get here will have the opportunity to see the NWC varsity basketball team in action here tomorrow and Sunday in games that have been scheduled against the Navy team's counterparts from Fort Irwin.

Tip-off times for both games, which are open to the public free of charge, is 12 noon at the NWC gym.

The NWC varsity cagers traveled to Nellis Air Force Base in Las Vegas last weekend for an early-season lesson in the game of basketball.

Very much overshadowed by the Nellis AFB hoopsters, the NWC varsity was trounced 104-64 on Saturday, and 114-74 on Sunday.

The China Lakers, who trailed 47-32 midway through the game on Saturday, had two players in the double-figure scoring column at the end of the contest. They were Otis Fisher, with 16, and Phil Patton, who tallied 11. The Air Force team was led by the 27-point scoring effort of Harden.

On Sunday, the Nellis AFB team cruised to a halftime lead of 33-33 enroute to a 40-point win of 114-74. Darren McPherson, top scorer for the China Lakers, tallied 16.

According to Roger Menard, coach of the NWC varsity, the China Lakers aren't yet to the point where they are playing together as a team, especially on defense. Menard also admitted to being outcoached by his Air Force rival, who has been working with most of his same players for a couple of years.

"They are quick and played more as a unit," Menard said in comparing the Nellis AFB squad with the NWC varsity team in its first game of the 1983-84 season.

Whitecaps nip Tornados in youth soccer play

A 3-2 win by the Whitecaps over the Tornados highlighted last Saturday's action in Division 5-6 of the Youth Soccer League.

On this, the second weekend of play in the Recreation Services Department-sponsored league, another 11 games were played by some 460 players competing on teams composed of youngsters in the first through sixth grades.

The Whitecaps made up for a season-opening loss to the Rogues by getting one goal each from David and Amy Shumway, and Steve Savage. Tim Pogge was credited with an assist on the tally by David Shumway.

The Tornados cut the Whitecaps' lead to 3-2 on goals by Matt Mann and Will Freeman (assisted by Ken Ratcliff), but despite persistent effort, couldn't break through for another goal that would have tied the score.

Results of other games played in Division 5-6 (for 5th-6th graders) were Rogues 6, Roughnecks 3; Diplomats 7, Sounders 0; Kicks 5, Surf 1.

In the high-scoring tilt between the Rogues and Roughnecks, Armando Valdivia tallied twice to lead the Rogues to a 6-3 win over the Roughnecks, whose improved passing set up goals by Kevin Collie, Lamonte Dawson and Lance Kilpatrick.

Five players for the Diplomats got in on the scoring parade in their 7-0 shutout win over the Sounders. They were David D'Anza and Jacob Jones, with two goals apiece, and Derek Lindsey, Jeremy Osborn, and Ralph Jorgenson, who accounted for one goal each.

Three goals by Mark Frisbee paced the Kicks to their 5-1 win over the Surf. In addition to Frisbee's efforts, the Kicks got one goal each from Bobby Eichenberg and Tim

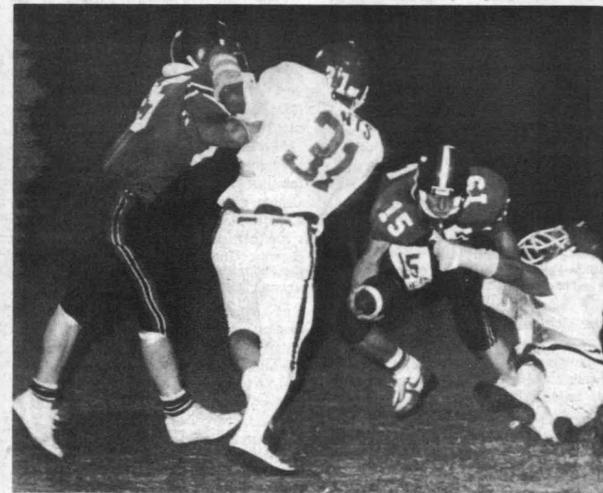
Burros brace for Palmdale, after loss to Saints

It's back to the drawing boards tonight to work out a battle plan that will culminate in a win, as the Burroughs High School varsity football team launches the 1983 Golden League season at Palmdale.

This evening's action against the Palmdale Falcons gets underway with a sophomore team contest at 4:45, followed by the varsity clash, which is scheduled to kick off at 7:30.

Both the varsity and sophomores ran into teams that were too much for them to handle last Friday when they took on their counterparts from Santa Maria High School — the sophomores being outscored 17-6, while the varsity came out on the short end of a final tally of 20-8.

On their home field last Friday night against the Santa Maria Saints, the Burros' varsity saw a little too much of Eddie Johnson, the visiting team's all-CIF



QUARTERBACK IN TROUBLE — Why Daniel Means, quarterback for the Burroughs High varsity football team, didn't have one of his better games passing against the Santa Maria Saints is plainly evident in this photo. Means (No. 15), who was the focal point of a strong pass rush by the Saints, is seen trying to struggle out of the grasp of one Santa Maria player while Ted Ortega (No. 31), a defensive tackle for the visitors, moves in to further complicate things for the Burros' quarterback. — Photo by PHAN Greg Hogan

tailback, who gained more than 200 yds. rushing the ball and scored two touchdowns.

To their credit, however, the Burros, who trailed the Saints 20-0 at the half, held the Santa Maria team scoreless for the remainder of the game. The Ridgecrest team tallied its lone touchdown in the fourth quarter, and came within 4 yds. of paydirt on another drive which ended with a fumble that was recovered by the Saints.

The Burros, who gave away some weight advantage in the line, as well as quickness and speed in the backfield to Santa Maria, handled themselves well in spite of the loss.

Randy Aguan showed the kind of power running he is capable of, but Tim Lewis, speedy halfback, was kept pretty well in check. Quarterback Daniel Means had a tough night as his pass protection broke down and he found himself scrambling on nearly every attempt to get off an aerial.

Means took a hard hit by a Santa Maria linebacker, who shot the gap late in the fourth quarter, and sat out the remainder of the contest.

Kevin Blecha took over the quarterback spot with a fourth down at the Saint's 11 yd. line and fired a touchdown pass to Tony Shields for the lone tally of the night for Burroughs. Blecha also coolly zipped a pass that was on target to Steve Barkley for 2 points after the touchdown as the Burros cut the Santa Maria lead to 20-8 with 4½ min. left to play in the game.

The Saints warmed up for the opening of play in their own league with a first period tally on a quarterback keeper by Pete Duguran, and two second quarter touchdowns by Johnson.

The Saints' game plan called for pitchouts by Duguran to Johnson on sweeps to the right or the left whenever critical yardage was needed in order to retain possession of the ball. This seldom failed to work as Johnson cut back, twisted and turned before being hauled down.

Duguran also had a fair night passing, his principal target being 200 lb. tight end Chris Dunning, but the Burros did a good job of containing Ted Ortega, the Saints' 200-lb. fullback.

Santa Clara's first touchdown of the night topped off a drive from their own 10. Duguran surprised the Burros with a quarterback keeper through the middle that was good for a gain of 37 yds. and 6 points. The PAT on a kick by Isidro Ordonez gave the Saints a 7-0 lead with just under 5 min. left to play in the first quarter.

The visitors smothered the Burros offense and were in good field position on their own 42 when they started their next touchdown drive, which ended on the second play of the second quarter.

The Saints set up touchdown No. 2 with a pass to Dunning that gained 12 yds. and a first down at the BHS 12, and then sent Johnson scooting wide to the right with a pitch out that picked up the remaining distance to the end zone. Once again Ordonez booted the PAT — giving the Saints a 14-0 lead 30 sec. into the second period of play.

The Santa Marians' final score of the game followed a pass interception that gave the visitors the ball on the Burros' 39. Three running plays later, Johnson exploded through the middle of the line for a 28-yd. gain and a touchdown. The PAT try by Ordonez missed the mark, but the Saints were in control 20-0 with 4 min. left to play in the first half.

The Burros lost a golden opportunity to score in the third quarter. The Burros defense stopped Santa Maria on the Ridgecrest team's 27 and, pumped up by this success, began to roll on offense for the first time in the game.

A 17-yd. gain on a short pass to Randy Aguan, was followed two plays later by Aguan's blast through the line. A gang tackle by the Saints stopped the Burros' ball. (Continued on Page 7)

Commander's Cup slate calls next for rifle, pistol matches

Next activity on the Commander's Cup schedule of athletic events will be rifle and pistol marksmanship competition that is coming up later this month.

Riflemen representing NWC Blue, NWC Gold and VX-5 will vie on Tuesday and Wednesday, Oct. 18 and 19, at the high-power rifle range located behind B Mountain.

The Sierra Desert Gun Club will be the site for the pistol marksmanship event on Oct. 25 and 26.

Active duty military personnel interested in taking part in either the rifle or pistol shoots should call the appropriate Military Athletic Committee representative. They are: for NWC Gold, HM2 Jim Hamilton, phone NWC ext. 2911; for NWC Blue, AZ1 Dave Reimers, phone NWC ext. 5142; or for VX-5, AMH2 David Vaught, ext. 5215.

(Continued on Page 7)

Atomic clocks in Calibration Lab are checked for accuracy

The Calibration Laboratory, a part of the Engineering Department's Product Assurance Division, is the location of highly specialized equipment that has an important support role in many of the tests conducted at the Naval Weapons Center.

Since there is no margin for even the tiniest error in timing and frequency of telemetry data that is received from missile flight tests, for example, it is highly essential that the equipment which provides this standard of measurement is itself as infallible as man can make it.

For this reason, two employees of the Naval Observatory in Washington, D.C., recently visited the Naval Weapons Center. They brought with them a portable atomic clock for use in coordinating the timing and frequency of NWC's own timing center for the Calibration Lab, where several atomic clocks are in use.

The visitors were Richard Keating, an astronomer, and Richard Walker, a time measurement specialist, both from the Naval Observatory in Washington.

Keating has the distinction of being the first person to fly around the world with an atomic clock as a test of Einstein's theory of relativity.

His purpose was to determine if circling the globe at a rate close to the speed of sound would have any effect on an atomic clock. He discovered that it did — causing the clock to run at a slightly slower rate.

Atomic clocks, it should be noted, are so named because they are powered by the natural resonance of the cesium atom.

According to Bill Weiss, who heads the Metrology Engineering Section in the Calibration Lab, the atomic clocks and allied equipment whose operation he oversees are part of an inter-rafting timing complex that ties NWC in with Edwards and Vandenberg Air Force Bases, as well as other facilities of the National Aeronautics and Space Administration.

Time and frequency references must be coordinated between the various air space users to avoid velocity data recording errors that could occur during a Cruise missile flight if this were not the case, Weiss said.

During the recent visit to China Lake by Keating and Walker, Wes Albaugh and Jessie Myers brought other atomic clocks

here from Vandenberg AFB and NASA's Goldstone Tracking Station near Barstow to be checked.

In order to maintain the extreme accuracy required from atomic clocks, these inter-laboratory timing correlation meetings will be held in the NWC Calibration Laboratory every six months.

Capt. Richard Truly chosen as head of Navy Space Command

Admiral James D. Watkins, Chief of Naval Operations, and James M. Beggs, Administrator, National Aeronautics and Space Administration (NASA), have announced the selection of Capt. Richard H. Truly as the first Commander of the Naval Space Command.

The Command was established at Dahlgren, Va., on Oct. 1, 1983.

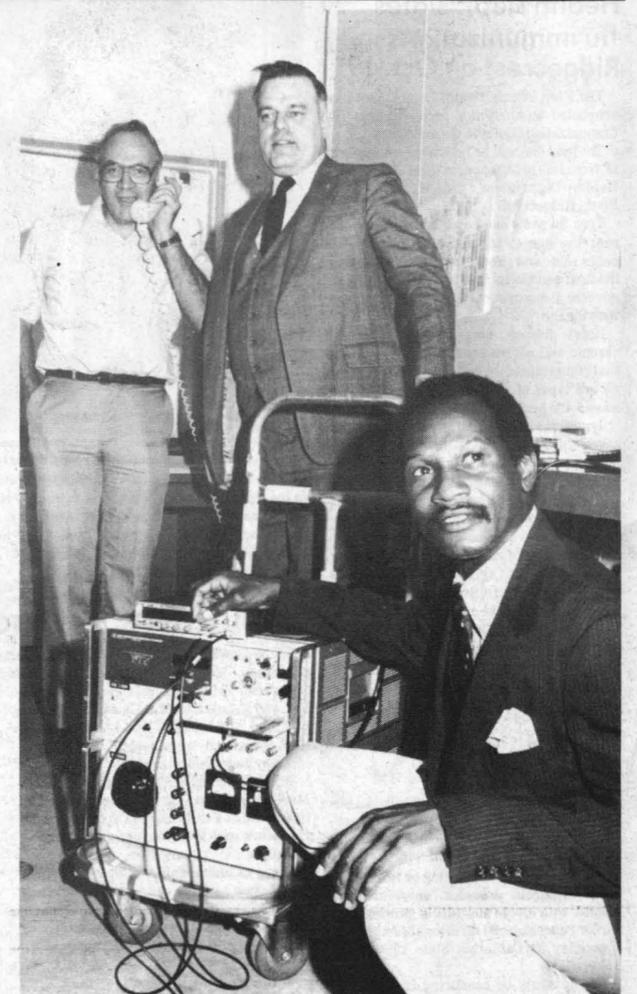
Capt. Truly, commander of the space shuttle Challenger for the eighth space shuttle mission, is the first astronaut to return to the naval service since NASA was formed 25 years ago. He made more than 300 aircraft carrier landings on the USS Intrepid and the USS Enterprise before entering the Air Force Aerospace Research Pilot Service, and subsequently being selected as an astronaut in August 1969.

Capt. Truly was the pilot on the second mission of Challenger's sister ship, Columbia.

Secretary of the Navy John F. Lehman, Jr., announced the establishment of the Naval Space Command on June 15, 1983. It will centralize several Navy operational functions under a single commander to provide direct support to Fleet units worldwide.

The Naval Space Command will include the Naval Space Surveillance System with headquarters at Dahlgren, Va.; the Naval Astronautics Group with headquarters at Point Mugu, Calif.; and elements supporting the Fleet Satellite Communications System.

The Naval Space Command will function in full cooperation with the Air Force Space Command and other Department of Defense elements.



SPLIT-SECOND TIMING — Richard Walker (in foreground) has a portable atomic clock hooked up to similar equipment in the NWC Engineering Department's Calibration Laboratory. Walker and Richard Keating (standing behind him) came here from the Naval Observatory in Washington to check out the accuracy of atomic clocks that are in use here as standards for timing and frequency. They were welcomed aboard by Bill Weiss (standing at left), head of the Metrology Engineering Section in the Calibration Lab. — Photo by PHAN Greg Hogan

Radio Frequency Technology Exchange Symposium planned

The second Naval Weapons Center Radio Frequency (RF) Technology Exchange Symposium will be held from Tuesday through Thursday in the Michelson Laboratory Auditorium, Rm. 1000D. Morning sessions will begin at 8, and the afternoon sessions at 1 o'clock daily. Secret clearance is required.

The symposium is for Naval Weapons Center personnel only; no contractors or off-center visitors will be permitted to attend. This restriction has been established so that a relaxed environment can be provided for full and complete interchange of information between local workers in the field.

More than 50 papers will be presented. A list of the papers and their presentors is expected to be published in the NWC Announcements, and can also be obtained at the door before the beginning of each day's session.

Subjects to be covered include seeker systems, antennae, transmitters, components and materials, radomes and propagation, test and simulation facilities, and modeling and target signatures.

Personnel are strongly encouraged to attend as many of the sessions as possible, not just those in their specialized fields.

For further information contact Tony Estrada, NWC ext. 2768, or Bob Rowntree, NWC ext. 2049.

40TH ANNIVERSARY REFLECTIONS

Although the Naval Ordnance Test Station had been established to work on rockets and had expanded its mission to include guided missiles, it was also in charge of underwater ordnance development for many years. Both at the Pasadena Annex on Green Street and at the main desert base, scientists and engineers worked on torpedoes, on underwater-launched missiles such as Polaris, and on subsmersibles.

By the mid 1960s, Moray, a two-man deep-diving subsmersible, had demonstrated its operability, and both the Cable-Controlled Underwater Research Vehicle (CURV) and Deep Jeep were introduced to the Fleet. CURV, which had been designed to retrieve torpedoes, made headlines when it scooped up an atom bomb that had been inadvertently dropped in the waters off Spain. Deep Jeep was the first U.S.-made subsmersible to descend to 2,000 feet.

NOTS also turned its activities heavenward. In the late 1950s, in the NOTS Project, China Lakers attempted to air-launch a satellite; this led to Caleb in the 1960s, an experimental airborne satellite launching system. NOTS scientists and engineers also worked on an early experimental lunar soft-landing vehicle designed as a variable-thrust, vertical-landing device using hypergolic fuels for propulsion.

The major news of the mid to late 1960s, however, was the reorganization of the Navy laboratories. The Naval Ordnance Test Station became the Naval Weapons Center on July 1, 1967. Its Pasadena Laboratories and its underwater work were transferred to the Naval Ocean Systems Center (NOSC) in San Diego. NWC was given cognizance over the fuze and sensors work of the Naval Ordnance Laboratories, Corona.

Dr. Bill McLean, the NOTS Technical Director credited with being the father of Sidewinder, had become so interested in subsmersibles that he moved to NOSC. Bob Hillyer, who would become Technical Director at China Lake in 1977, became a Center employee when NWC assumed cognizance over NOL, Corona.

HARM milestone . . .

(Continued from Page 1)

ment Center, Warmminster, Pa. While these new radar warning receivers are mandatory for the HARM weapon system, they also stand alone and represent a dramatic improvement in threat detection.

OFP NWC-4 was developed by the Weapon System Support Activity (Code 3105). This OFP not only integrates HARM into the Corsair II aircraft, but also provides a number of other features enhancing the capability of the aircraft's navigation/weapons system. NWC-4 represents the largest, most comprehensive A-7 OFP effort ever conducted by the A-7E WSSA.

In addition, the Naval Weapons Center team played a key role in verifying aircraft wiring changes required in the A-7/HARM integration. Numerous wiring discrepancies were found and corrected, ensuring all Fleet aircraft were HARM-capable and the basic aircraft integrity of the navigation/weapons system was not disturbed.

While exceptional cooperation across multiple departmental lines by the military and civilian personnel of NWC was essential to accomplish this major milestone for HARM, of equal significance in the accomplishment was the cooperation and support provided by the NAVAIR sponsors: PMA-242 headed by Capt. Larry Kaufman and PMA-253 headed by Capt. P.V. Hendricks, and the A-7E Weapon System Manager at the Naval Air Rework Facility, Jacksonville, headed by Cdr. Gerald K. Jacobs.

Health Dept. slates flu immunizations in Ridgcrest on Oct. 19

The Kern County Health Department has scheduled another in a series of free flu immunization clinics in the local area.

The next one will be held Wednesday, Oct. 19, from 1:30 to 3:30 p.m. at local office of the Health Department, 250 W. Ridgcrest Blvd., Ridgcrest.

Free flu shots can be obtained by anyone over the age of 55, and also by those 13 years old and above who have certain medical conditions that increase the risk of adverse consequences if they come down with the flu.

Heart disease, lung disease, diabetes, chronic and severe anemia, and conditions that compromise the body's immune system all are types of medical problems that can worsen if a person catches the flu.

Symptoms of flu generally last for five to seven days and include high fever, chills, head or body ache, cough, chest pain, sneezing, runny nose and exhaustion.

Most persons will experience few or no side effects from the flu vaccine, other than a possible sore arm or a brief, mild fever. However, individuals with a severe allergy to eggs should not receive the flu vaccine, Health Department officials report.

Information on the risks and benefits of influenza immunization will be presented to everyone who attends one of the clinics. Children between 13 and 17 years of age must be accompanied by an adult.

Career guidance, counseling set for JPs starting Nov. 14

As part of its continuing effort to make the most effective use of its technical personnel, NWC will sponsor a career guidance and counseling program for Junior Professionals (JPs) beginning on Nov. 14.

The program includes an evaluation session with Dr. Willis Hill, a professional career counselor and director of testing and counseling at California State University, Bakersfield.

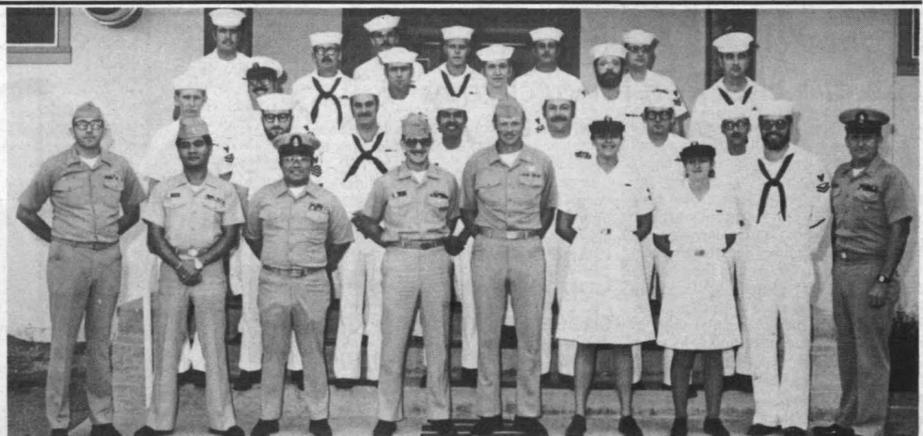
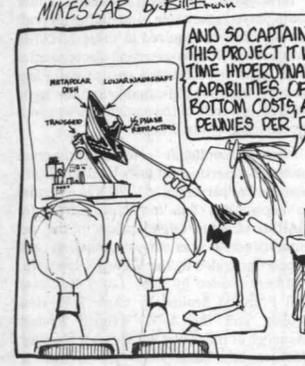
The tests will be conducted from 7:30 to 11:30 a.m. on Nov. 14 and 15 at the Training Center. Follow-up individual counseling sessions will be held in mid-December.

To provide new professionals with information that can be helpful in planning their careers at NWC, subjects to be covered will include present technical or managerial capabilities and potential for future development, preferences in work environment, and additional training possibilities.

Also explored will be the individual's suitability for the five basic types of jobs at NWC: analysis, development engineering, applied research, design engineering, and management.

JPs who are interested in this evaluation and planning process should call Marie Duff, NWC ext. 2686, by Oct. 21 to reserve a space.

Navy Hotline
for Fraud, Waste and Abuse
Call: (800) 522-3451 (toll free)
288-6743 (Autovon)
(702) 433-6743 (commercial)



NEW FACILITATORS — Completing Supervisor Skill training recently under the instruction of YNCS Robert E. Bennett (front row, far left) and FTCN (SS) Larry C. Mueller (front row, far right) were, in the front, (l.-r.) MSC Andresito S. Nacu, PNC Alberto F. Dechico, AGC Randall L. Braddock, SMC Marvin E. Dukas, AC2 Rita L. Patterson, AC1 Tina L. Evans, and AT2 Philip D. Oliver. In the second row are ABH2 James W. Horton, AC1 James R. Reed, AE2 Lawrence R. Bailey, MS1 Miguel C. San Juan, AD1 Jon R. Copeland, RM1 Lawrence R. Nolan, Jr., and AK2 Lyle C. Walters. In the third row are AE1 William H. Killinger, ET2 Richard L. Hunt, AT2 Charles A. Kiss, AE2 Brian W. Kudrna, and MS1 Robert E. Mulligan. Behind them are AMS1 Michael G. Fedak, AS1 Thomas L. Boden, FTG1 Robert O. Hoffman, AMS2 Roy K. Dove, AO1 Steven Uman, and AZ2 Don J. Welch. — Photo by PHAN Greg Hogan

Volunteers complete course Facilitators to teach Supervisor Skill Training

As a result of week-long intensive classwork to become facilitators for Supervisor Skill Training, a cadre of 25 E-5, E-6, and E-7 personnel at China Lake is now qualified to share its knowledge of leadership and management with junior military personnel on board.

YNCS R. E. Bennett and FTCN (SS) L. L. Mueller from the Naval Aviation Schools Command at Pensacola, Fla., conducted the classwork with the volunteer group of NWC personnel.

These 25 individuals will be divided into four teams, which will handle the mandatory E-4, E-5, and Chief Petty Officer Supervisor Skills Training in each of the advancement cycles throughout the year.

The training covers such subjects as communications, effective listening, responsibility and accountability, authority and power, motivation, management, leadership, drug and alcohol awareness, equal opportunity, performance analysis and performance appraisal.

Supervisor Skills Training is more of a workshop than a class in that the experiences of the group are used to serve as a basis of the learning experience. Participation by all attendees in Supervisor Skill Training is not only encouraged, but considered vital.

NWC military personnel were asked to volunteer to become members of the training cadre; from these volunteers were selected those people who showed the greatest potential as facilitators for management training.

Also becoming facilitators were AE2 L. R. Bailey, AMS2 R. K. Dove, ABH2 J. W. Horton, AT2 C. A. Kiss, AE2 B. W. Kudrna, AT2 P. D. Oliver, AC2 R. L. Patterson, AK2 L. C. Walters, AZ2 D. J. Welch, ET2 R. L. Hunt, and RM1 L. R. Nolan, Jr.

With cooler, fall season weather at hand, the Self-help Office in the Housing Division has ordered 500 shrubs suitable for planting by tenants at residences on the Naval Weapons Center.

The plants, chosen because of their suitability for growth in the local desert area, are expected to arrive near the end of this month.

They will be issued free of charge to tenants of Navy housing, who also can obtain fertilizer at no cost and borrow rototillers, shovels and rakes at the Self-help office for use in preparing the ground prior to planting.

According to Jack Van Skike, who shares with Keith Hare the job of Self-help Program coordinator, this is an ideal time for putting in winter garden crops in addition to the shrubs that can be obtained at no cost.

For general yard care and maintenance, the Self-help Office has 25 gasoline-powered lawn mowers, and soon will be getting in 10

new gasoline-powered mulch-mowers. Also available are 17 push mowers, six lawn seed spreaders and a number of weed-eaters (15 new ones have just been ordered).

Both Van Skike and Hare have issued a plea that China Lake residents who borrow such equipment from the Self-help Office take better care of it. Power mowers, they point out, are not intended for cutting tree roots, nor should their blades come in solid contact with sprinkler heads, large rocks or concrete slabs.

Keeping lawn mowers (both power- and push-type) in good running condition is a major problem for those who run the Self-help Program. They ask that borrowers take the time to pick up objects out of their yards before they begin cutting the grass.

The inventory at the Housing Division's Self-help office includes tools and equipment suitable for everything from replacing a door knob or putting new screens in windows to installing a sprinkler system or a chain link fence, Van Skike said.

Replacements for glass electric light fixtures can be obtained, but the Self-help Program Office does not stock electric light bulbs or fluorescent light tubes, Van Skike added.

Both Van Skike and Hare will be glad to answer any questions that China Lake residents may have about gardening and plant care.

Hours of operation at the Self-help Office are 7:30 a.m. to 4:30 p.m. on Monday, Wednesday, and Friday; 7:30 a.m. to 5:30 p.m. on Tuesday and Thursday; and 10 a.m. to 1 p.m. on Saturday.

As an extension of the Chief of Naval Operations' emphasis on scrutiny of spare parts pricing, the Supply Department has established a telephone hot line for any Center personnel to call if they believe that the price of spare parts received from any source is excessive.

The Supply Department will ensure that an investigation is made, and will notify the submitter of the query.

The hot line number is NWC ext. 3488. Minimum data required so that an investigation can be made includes: National stock number or full description, including the manufacturer's name and part number (if known).

Unit price charged that seems excessive. Stub number/receipt document number that the item was received on (Supply will track down further data if needed).

If possible, the contract number and/or manufacturer's name from the item's packaging if it is a standard system item.

The reason the price is thought to be excessive.

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Increase in construction . . .

(Continued from Page 1)
the amount of \$314,862) to replace countertops, sinks, shower enclosures and closet doors in the Capehart B housing area. Also won by the Martin Co. was a contract to replace countertops, sinks and utility room doors in the Capehart A housing area. This work will cost \$539,750.

Three other contracts for housing maintenance and improvements, the type of work to be done, the cost, and the contractor, are as follows: install bathtub liners, \$72,534, Parnell and Leonard, Inc., of San Diego; replace garage doors, \$150,303, R.I.C. Construction Co. of Hesperia; and modifications to the MOQs and Wasp Circle housing, \$468,656, McAuliffe Mechanical, Inc.

In most cases, bidding competition was keen, but several contractors were successful on more than one contract.

Five contracts were awarded to the Desert Construction Co. of Rosamond. The various jobs to be done, and their cost, are:

Modifications to Code 31's Weapons Systems Support Activity building — converting it for use for parachute work, (\$114,000); installation of additional toilets at Thompson Lab (\$43,746); restroom renovations at Hangar 1 (\$77,000); improvements to one of the range area target towers (\$43,813); and modifications to the Center gym and swimming pool at the Enlisted Mess (\$72,326).

Another multiple contract winner was Ricway, Inc., of Lancaster with five awards. Work that employees of this company will handle includes constructing a new sunshade at Hangar 3 for \$7,777, and another at Michelson Lab (\$15,247). In addition, Ricway was awarded a contract in the amount of \$76,756 for work at the CT-4 fuel farm; another for renovations at the Center gym (\$8,976), and the additional contract awarded to Ricway is for work that will correct certain safety and health program deficiencies.

Among other contract awards in the final four months of Fiscal Year 1983, the work involved, its cost, and the names of the successful bidder, are the following:

Repairs and alterations to the Commissioned Officers' Mess, \$421,522, Glasgow Construction, Inc., of Laguna Hills, Calif.

Renovation of the galley at the Chief Petty Officers' Club, \$186,000, Jerob, Inc., of Redlands, Calif.

Addition to the north end of the bowling alley, \$22,666, R.I.C. Construction Co. of Hesperia.

Modify ducts and install new evaporative coolers in the Personnel Department and Supply Department buildings, \$102,402, Cher-Con Construction, Inc., of Leona Valley, Calif.

Install wooden panels for the walls of racquetball courts, \$39,987, Terstep Company, Inc., of Noblesville, Ind.

Install security fence at golf course, \$42,574, A.V. Fence Co., of Palmdale.

Alterations to CT-4 control room, \$67,958, A.P.C. Company, Inc., of National City, Calif.

Install chemical drains in one of the

Supply Department warehouses, \$46,849, Mertz Construction, of Lancaster, Calif.

Renovate Test Engineer office in China Lake Propulsion Laboratories area, \$77,276, Ray Jones Construction, of Escondido, Calif.

Expand sick bay at Armitage Airfield, \$18,648, Elliot Roofing, Inc., of Beaumont, Calif.

Add storage room at Range Control Center, \$61,099, Two and Three Corp., of Los Angeles.

Landscape the Chief Petty Officers' Club, \$53,200, R. L. Beck Construction, Inc., of Apple Valley, Calif.

Install elevator and modify restrooms in the Headquarters Building, \$154,319, BEMAC Company of North Hollywood, Calif.

Construct drop tower capture cage at CT-4 \$149,831, Thompson-Rice Construction Co., Inc., of Irvine, Calif.

Landscaping at the NWC main gate, \$72,000, J. L. Myers Co. of Bakersfield.

Repairs and alterations to two buildings at the CT area, \$125,887, Two and Three Corp., of Los Angeles.

Enclose south patio of the Community Center, \$264,727, Cates Construction, Inc., of Lancaster, Calif.

Install new perimeter barbed wire fence, \$174,896.93, Kings Valley Fence, Inc., of Ridgecrest.

Construct sheltered work area at Michelson Lab, \$17,200, Bud Miller, of Ridgecrest.

Modify Room A-29 in Lauritsen Lab, \$44,088, Cher-Con Construction Inc., of Leona Valley, Calif.

Unknown persons removed two side door mirrors from a military truck parked at the NWC Hot Line at Armitage Airfield between 3:30 a.m. and 8:30 p.m. on Monday. Estimated loss to the government is \$40.

BURGLAR SURPRISED
Both a burglar and the tenant at 341 Sellers Circle received a surprise at 7:30 p.m. when they ran into each other on Monday. The unlawful entrant was described as being a white male, about 5 ft., 8 in. in height, with a slender build. He was wearing dark clothing. Nothing was taken.

WHEELS, TIRES STOLEN
A petty theft occurred between 4:30 and 9:30 p.m. on Sunday at 1215 Saratoga Ave. Persons removed 14-inch mags, 4-lug wheels and Firestone tires from the yard. The estimated replacement cost is \$150.

PROWLER SEEN
A prowler was reported on Friday evening around 11 o'clock by a resident at 342 Vieweg Circle. The resident saw someone peering in a window — about 18 years old, wearing a blue tee shirt and brown shorts. He is described as being about 5 ft., 2 in. in height. The suspect was accompanied by a large black dog.

TOOLS TAKEN FROM DESK
A burglary involving the theft of some tools from a locked desk was reported Tuesday to China Lake police.

The tools, valued at an estimated \$50, were taken from one of the rooms in the old Dispensary.

SCRAP METAL SWIPED
A locked gate at the Martin Co. compound on Dewey Street was forced open last week by unknown persons, who removed three metal garbage cans containing scrap metal having an estimated value of \$100.

COFFEE FUND RIPPED OFF
Theft of \$47 from an unlocked desk drawer in Rm. 1104 at Hangar One, Armitage airfield, was reported on Thursday of last week to China Lake police.

The missing money includes currency and coins that had been contributed to a coffee mess fund by a group of VX-5 personnel.



CONCENTRATION — MASN Del Stillwaugh filps a hamburger patty (and catches it expertly on the spatula) as he prepares the ever-popular items in the fast food line of the Enlisted Dining Facility. — Photo by PHAN Greg Hogan

EDF patrons treated to good food — both tasty, well-prepared

Those whose contact with military messes has come from watching MASH (or from years spent in military service in the past) would not believe their eyes or their taste buds were they to eat at the Enlisted Dining Facility at NWC.

The atmosphere is like that of a good restaurant, service is cheerful and friendly and always courteous, and the food is not only well prepared but attractively served.

Responsible for this minor miracle are members of the military Food Service Division in the Supply Department and a staff of contractor employees.

"We're running a dining facility, not a warehouse," says Lt. Brice Hammerstein, Officer-in-Charge of the group. "Navy food in general is good, but we try to keep ours a cut above that." And the 225 to 250 happy customers each day who eat breakfast, lunch, dinner or the night meal at either the galley or the annex at Armitage Airfield can testify that they succeed.

While portions are carefully measured (to keep waste down and to ensure that the calorie count listed for each dish is correct to aid waist watchers), anyone who eats at the galley can come back for as many helpings of any food as he or she may wish.

All the cooking is done by Mess Management Specialists, and all pastries and breakfast rolls are also baked in house. (The galley is also justly famous for the beauty of the decorated cakes turned out by MS1 Paul Anies and MS2 John Steele—cakes that are featured at many of the Center's official functions and also cakes that are served regularly at the EDF.)

The cooking and meal planning is done under the supervision of MSC Mario Estrada, with MS1 Anies functioning as galley supervisor.

Sanitation (the ever-needed clean-up), food handling and service, and vegetable preparation both for cooking and for the salad bar are the responsibilities of the civilian work force under the supervision of Bernice Hicks.

Mrs. Hicks has been with the EDF since the first civilian contractor employees were hired a decade ago. She and Lt. Hammerstein agree that one of the secrets of the successful operation of the EDF is the marvelous cooperation between the military and civilian work force.

Breakfast at the EDF is served from 6 until 7:15 each morning; early chow is served from 10:45 until 11, with the regular lunch time being 11:30 a.m. until 12:30 p.m.; and dinner hours are 4:30 to 5:45 nightly.

At the EDF during both lunch and dinner, those who'd like to have fast food—mainly hot dogs, hamburgers, onion rings, and similar items—are able to make that selection. At the airfield annex, only fast food is served.

Despite the excellence of the current facility, there's a constant effort to enhance the atmosphere. Next on that agenda will be the installation of a new carpet, scheduled shortly, and the building of a picnic area for those who'd like to eat out-of-doors when the weather permits.

Ready for customers — Kimmie Legg awaits the first of the hungry horde that goes through the chow line three meals per day. The lamps ensure that the food remains hot and palatable for the last customer as well as everyone else. Each container is labeled and lists not only who prepared the food, but also the number of calories that the measure portion contains. — Photo by PHAN Greg Hogan

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At the EDF during both lunch and dinner, those who'd like to have fast food—mainly hot dogs, hamburgers, onion rings, and similar items—are able to make that selection. At the airfield annex, only fast food is served.

Despite the excellence of the current facility, there's a constant effort to enhance the atmosphere. Next on that agenda will be the installation of a new carpet, scheduled shortly, and the building of a picnic area for those who'd like to eat out-of-doors when the weather permits.

Ready for customers — Kimmie Legg awaits the first of the hungry horde that goes through the chow line three meals per day. The lamps ensure that the food remains hot and palatable for the last customer as well as everyone else. Each container is labeled and lists not only who prepared the food, but also the number of calories that the measure portion contains. — Photo by PHAN Greg Hogan



READY FOR CUSTOMERS — Kimmie Legg awaits the first of the hungry horde that goes through the chow line three meals per day. The lamps ensure that the food remains hot and palatable for the last customer as well as everyone else. Each container is labeled and lists not only who prepared the food, but also the number of calories that the measure portion contains. — Photo by PHAN Greg Hogan