



PLANNING SESSION HELD — In preparation for staging the fourth annual Standard Flower Show and wildflower display at the Enlisted Mess on the weekend of May 2-3, representatives of the sponsoring organizations met this week to go over plans for this event. Shown checking display space floor plans are (l.-r.) Marianne Kistler, co-chairman of the "Bloomin' Spaces" flower show; Nelda Darling, secretary, and Dorothy Roton, staging chairman. The flower show, a part of the HiDesert Escapade weekend, is sponsored by the Oasis Garden Club of Indian Wells Valley, the Desert Planters of Ridgecrest, the High Desert Junior Woman's Club, and the Maturango Museum. —Photo by Don Cornelius

TV Booster now rebroadcasting another FM radio station here

Directors of the Indian Wells Valley TV Booster, Inc., have announced the addition of a new FM radio station to the present translator system serving the local area. The latest addition is KVCR, a public radio station in San Bernardino. Purchase of the equipment required to receive KVCR was made possible by a grant from the National Telecommunications and Information Branch of the Department of Commerce, which also funds public radio and television stations. The KVCR signal can be received by Indian Wells Valley residents on 88.7 MHz, near the bottom of the dial. For those hooked up to cable TV, KVCR radio can be tuned in at 91.9 MHz. The translator uses vertical polarization for compatibility with other booster system FM radio signals. KVCR is affiliated with the National Public Radio network, which provides morning and evening extended newscasts

Orders placed for Girl Scout cookies are now being filled

Cookies ordered from Brownies, Girl Scouts and Cadette Girl Scouts have arrived and will be delivered by the girls starting today. Extra cookies have also arrived and may be purchased from the girls as they deliver pre-ordered cookies, or may be ordered by telephoning Kris Zych, 446-6270, or Charlotte Meeks, 446-5649. Cookies are \$1.75 a box for each of seven varieties: thin mints, chocolate flavored chip cookies, Scot teas, Savannahs, chocolate and vanilla cremes, Dutch 'n such, and a new cracker, golden yangles. Girls will be unable to accept checks. Girls who sell cookies earn gift certificates that can be redeemed for Scout equipment or used to help cover the expenses of registration for summer resident or day camps. The major share of the money received by the Girl Scout Council from cookie sales is slated to be used for improvements at Camp Mountain Meadows in the Greenhorns, and for other facilities that are used by Girl Scouts of the Joshua Tree Council. Girl Scout camps are also open to non-Scouts. Anyone who is interested either in the Scouting program or in camps may call Charlotte Meeks, 446-5649, or Bea Smith, 375-4575.

plus a variety of classical and jazz music programming, as well as radio drama and public affairs features. Network programs that originate in Washington, D.C., and other cities are received via satellite transmission. Many network programs, as well as most local programs produced by KVCR, are in stereo. Within the next few months, KVCR will be adding equipment to further improve its audio quality. KVCR's best-known program is one that is locally produced and is called "Bluegrass Alive." It is broadcast on Saturdays from 6 p.m. to midnight and on Sundays from 6 to 9 a.m. and features recordings of bluegrass music festivals and music by local groups in the San Bernardino area. KVCR invites comments from listeners and publishes a program guide that lists the times of its various feature programs. Persons interested in contacting KVCR officials can do so by writing to 701 S. Mount Vernon Ave., San Bernardino, Calif. 92410.

Astronomers to hear talk about astrology at meeting Monday

Bob Tuck, a local zoologist, science writer, photographer, and member of the China Lake Astronomical Society (CLAS), will take a critical look at "Astrology: the Fossil That Refuses to Die" in the first of a two-part, illustrated lecture entitled "The Cosmic Bull and Other Sacred Cows." The first lecture will be presented at 7:30 p.m. Monday during the regular CLAS meeting at the Ridgecrest library. It is open to the public. Drawing upon his own personal investigations into the history and symbolism of astrology, including visits to significant sites in Egypt, England, Greece, India, and Persia (Iran), Tuck reviews the origins, assumptions, and development of Western astrology (divination by stars). He concludes with observations upon philosophical, social, educational, and economic consequences implied by the recent surge in popular interest in astrology, and surveys the alarms raised by eminent scientists, educators, and religious leaders throughout the Western world. The second part of Tuck's lecture on "Cosmic Bull and Other Sacred Cows," scheduled for April 6, explores Old World archaeo-astronomy and the foundations of modern science and technology.

Auditions to be held for acting roles in 'Star Spangled Girl'

Auditions for "Star Spangled Girl," first 1981 production of China Lake Players, will be held Tuesday from 7:30 to 8:30 p.m., and next Thursday, March 5, from 5 to 6 p.m. in the old Station Restaurant building, corner of Blandy Avenue and Lauritsen Road, China Lake.

The new year represents a whole new beginning for the senior little theater group of the Indian Wells Valley.

"Star Spangled Girl," a hilarious comedy by American's current No. 1 playwright, Neil Simon, will be directed by a theater veteran but a relative newcomer to the area, Vonnie Goss. She has directed and/or appeared in a wide range of theatrical productions, including drama, comedy, and musicals.

"Star Spangled Girl" will be the China Lake Players' first production in their new location, the building which previously housed the Station Restaurant. The show is planned to open in early May.

The cast of "Star Spangled Girl" is small and is limited to those able to portray persons in the 20- to 30-year old age group. Any questions concerning auditions should be directed to Mrs. Goss by calling 375-5337 after working hours.

6 chess sets, books on chess available at Center Library

In answer to many requests for chess sets, the Center Library now has six sets available for circulation. As with other library materials they may be checked out for three weeks and may be renewed if no reserves are waiting. The Center Library also has chess instructions books for players of all skill levels.

I. A. Horowitz, in "First Book of Chess," covers first steps and different moves, giving short and concise instructions that make it possible to learn to play in a few short settings. Andy Solits, in "Chess to Enjoy," presents a treasury of chess stories and unusual games and problems for budding masters, sideline kibitzers, and rainy-Sunday-afternoon beginners.

"The Encyclopedia of Chess," compiled by Ann Sunnucks, includes biographical information on over 500 players and the results of major tournaments since 1950. It covers the history of various openings, a brief history of the game, rules and variations.

"The Official Chess Handbook," by Kenneth Harkness, is a compilation of laws governing play of the game. It offers official rules of the World Chess Federation, rules for competitions, chess notations, how to run a tournament, chess clubs, and lists of world and national champions.

CPO Ball rescheduled; will be held March 28

The annual Chief Petty Officers' Ball has been rescheduled on Saturday, March 28, when it will be held at the CPO Club. All active duty and retired Navy chiefs, grades E7 through E9, are eligible to attend with their spouses or dates. The evening's fun and festivities will begin with a prime rib dinner at 6 p.m., and will conclude with dancing to the music of Message, a group that plays all kinds of contemporary music. Tickets, priced at \$15 per person, may be purchased from either the CPO Club manager or from members of the CPO Club Advisory Board. The uniform for the occasion will be service dress blues, and long gowns are suggested for the women.

MOVIES

Regular starting time—7 p.m.

FRIDAY FEB. 27
"MARY POPPINS"
 starring
 Julie Andrews and Dick Van Dyke
 (Musical fantasy, rated G, 139 min.)

SATURDAY FEB. 28
"ROSEMARY'S BABY"
 starring
 Mia Farrow and John Cassavetes
 (Suspense drama, rated R, 137 min.)

SUNDAY MARCH 1
"BEYOND THE POSEIDON ADVENTURE"
 starring
 Michael Caine and Sally Fields
 (Action adventure, rated PG, 115 min.)

MONDAY MARCH 2
"HE KNOWS YOU'RE ALONE"
 starring
 Don Scardino and Caitlin O'Hearey
 (Mystery, rated R, 94 min.)

WEDNESDAY MARCH 4
"SMOKEY AND THE BANDIT II"
 starring
 Burt Reynolds and Sally Field
 (Action comedy, rated PG, 101 min.)

FRIDAY MARCH 6
"THE GREAT SANTINI"
 starring
 Robert Duvall and Blythe Danner
 (Drama, rated PG, 115 min.)



Chief Petty Officers' Club
 "The Sunlight Group," a local combo that plays contemporary-style music, will be on-stage tonight at the Chief Petty Officers' Club to play for the listening and dancing pleasure of CPO members and guests from 8:30 p.m. to 12:30 a.m.

The main entrees on the CPO club menu are prime rib of beef and Icelandic cod. Dinner will be served from 6 to 9 p.m.

Enlisted Mess
 Another evening of dining and dancing is on tap tonight at the Enlisted Mess — starting with a seafood plate and lobster that will be served from 6 to 8:30 p.m.

Musical entertainment will be provided by "Fallout," a local group led by John Fitzner, which will be on the bandstand from 9 p.m. to 1:30 a.m.

The Enlisted Mess is now open for breakfast Monday through Friday from 6:30 to 8 a.m.

Metal Trades Council to meet next Thursday

The Indian Wells Valley Metal Trades Council will hold its next regular monthly meeting on Thursday, March 5, at 65-B Halsey Ave., at 7:30 p.m. The Council is the representative of a unit composed of the Center's non-supervisory, ungraded, civilian employees of the Naval Weapons Center who are located at China Lake.

U.S. Government Printing Office: 1981—No. 14

From: _____

PLACE STAMP HERE

To: _____



AD2 Israel Morales

Morales picked for Bluejacket of Month honor

Aviation Machinist's Mate Second Class Israel Morales has been selected as the Naval Weapons Center's Bluejacket of the Month for January.

Petty Officer Morales is assigned to the Aircraft Intermediate Maintenance Division, where he works in the engine build-up work center. Lt. L. M. Dyky, in his letter of nomination, says that "though formal training no longer exists on the J-47 power plant and publications are in short supply, Petty Officer Morales quickly became one of our better mechanics by hard work, self-study and on the job training." The letter continues that "subordinates respect him for his even temper in times of stress and his use of persuasive leadership techniques."

AD2 Morales is also the UH-1N NATOPS instructor for the Search and Rescue team; here his sincere interest and concern for the welfare of others has gained him the respect of all who know him.

AD2 Morales says that he has spent most of his eight years in the Navy involved with (Continued on Page 4)

Strength tests conducted to determine ability of women to activate ripcords on parachutes

During the past several months, those passing by the old NWC Dispensary might have seen a flight-gear-clad female volunteer "turning slowly, slowly" in the gentle breezes. Twenty military volunteers are participating in a biomedical study that is designed to determine whether women can generate, with their upper



Tech. Director Award given for work on digital moving screen display system

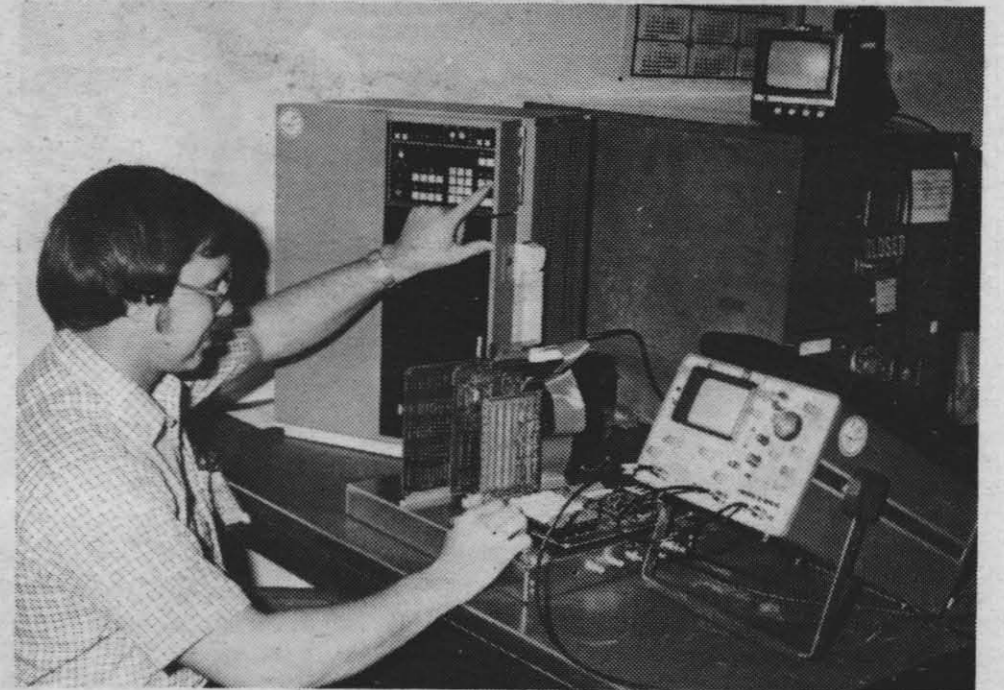
Bruce M. Heydlauff, an electronics engineer in the Millimeter Wave Systems Branch of the Electronic Warfare Department's RF Development Division, on Monday became the latest recipient of the Naval Weapons Center's Technical Director Award.

The award was presented to Heydlauff by Bob Hilyer during the Commander's meeting held Monday morning in the Management Center of Michelson Laboratory.

Heydlauff was singled out for this distinction in recognition of his work on the development of a state-of-the-art digital moving scene display (MSD) system for passive millimeter wave radiometric (MICRAD) imaging.

The MICRAD imaging system was developed as a passive navigational aid for piloted aircraft that operate day or night and during adverse weather. The MSD presents a realtime cathode ray tube (CRT) display of the millimeter wave image to the pilot. This display appears to the pilot as though he is viewing the terrain below the aircraft through a window in the floor of the aircraft.

A transformation of the invisible millimeter wave image of the terrain below the aircraft to a realtime visual representation is performed by the MICRAD imaging system and the MSD. A sensor is mounted on the aircraft wing and the CRT is placed in the aircraft cockpit. The development of this moving scene display was accomplished by Heydlauff with very few resources and in a very short



OUTSTANDING TECHNICAL ACCOMPLISHMENT — Bruce M. Heydlauff demonstrates use of the new digital moving scene display (MSD) system that he developed for passive millimeter wave radiometric (MICRAD) imaging. This system, for which Heydlauff received the NWC Technical Director's Award, was used successfully for an Arctic Ice Pack data collection mission sponsored by the Office of Naval Research. In the background is an analog tape recorder, while in the foreground may be seen an oscilloscope used for signal monitoring.

period of time for an Arctic Ice Pack data collection mission sponsored by the Office of Naval Research and the Naval Oceanographic and Development Activity.

The system developed by Heydlauff far exceeds the performance and functions of the original system and also weighs less, is

smaller in size, and has reduced power requirements.

In addition to a letter of commendation, Heydlauff received an engraved paper-weight and a \$300 stipend that accompanies this special form of a Superior Achievement Award.

According to Gerald R. Schiefer, head of the Electronic Warfare Department, who recommended Heydlauff for the Technical Director Award, the need for a moving scene display for the passive millimeter wave imaging system has been apparent since the first crude electromechanical device was developed in the mid-1960s.

The MSD operates on the signals produced by the MICRAD imaging system. These signals represent the millimeter (Continued on Page 5)

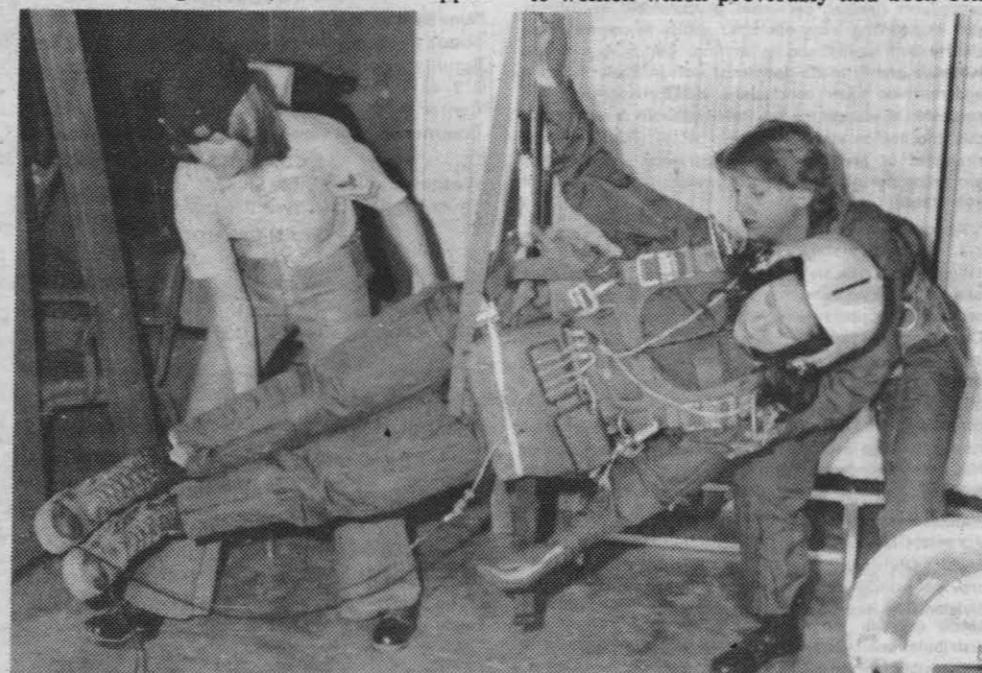
Exception to hiring civilians granted to DoD

An exception to the freeze imposed Jan. 20 on the federal government's hiring of civilian employees has been granted to the Department of Defense.

According to a message sent out last Friday by the Chief of Naval Material in Washington, D.C., the Navy has been granted authority to honor those hiring commitments made since Nov. 5, 1980, that resulted in financial hardships when the job offers were withdrawn.

In addition, the Office of the Secretary of Defense has authorized the Navy to fill other vacancies as needed to execute the approved fiscal year 81 defense program.

All Navy installations and activities are instructed to limit the hiring of civilian employees to positions that are essential to perform the currently funded workload, and to insure that the fiscal year 81 civilian personnel employment ceilings are not exceeded on Sept. 30, 1981.



UPSEY DAISEY — PR2 Anne Mooney (l.) and PHAN Sue Marlin help Ens. Sharon Beck become airborne inside the Parachute Systems Building. Ens. Beck was one of a group of local military women who volunteered to take part in a biomedical study to determine whether women can generate, with their upper bodies and arms, enough force to activate the ripcords of military parachutes and thus deploy the parachute. (Continued on Page 4)



NEARLY READY FOR USE — Richard Dominguez of the Public Works Department's Civil Engineer Branch in the Contracts Division, checks out the water temperature in the new Enlisted Pool as Gary Albani, a superintendent from Kuner Electric of Loma Linda, Calif., the general contractor, watches. Dominguez had previously inspected the solar panels at the top of the shower rooms to determine if they were working properly to heat water for showers. The pool is expected to be completed by early March. —Photo by Don Cornelius

FWP now accepting nominations for 'Secretary of Year' award

The Federal Women's Program is sponsoring its third annual "Secretary of the Year" awards, to be presented at the Secretaries' Day luncheon on Wednesday, April 22, National Secretaries' Day.

Any NWC employee — military or civilian; a co-worker, supervisor, or subordinate — may submit a nomination. Any secretary below the department level can be nominated, as long as she or he is currently employed by NWC or an attached activity, and has been working on Center for at least a year.

Employees with other titles, such as clerks, clerk/typists, receptionists, and specialized clerks, will also be eligible, provided that it can be demonstrated that they fulfill a secretarial role in their workplace. The nomination form will be published

next week in the NWC Announcements, along with complete information on nomination requirements and selection criteria.

Basically, selection criteria include attitude and initiative, organization and quality of work, loyalty and discretion, dependability and responsibility, and public relations, appearance and demeanor.

Nominations must be received by Belle Hervey, the Federal Women's Program manager, by March 27. Ms. Hervey will delete all references to the nominator and the name of the nominee and work areas.

This "sanitized" nomination form will be reviewed and awarded selected by a panel made up of secretaries at or above the department level, and members of the Federal Women's Program Committee.

Promotional opportunities

Applications (Standard Form 171) should be put in the drop box located at the Reception Desk of the Personnel Department, Bldg. 34. Unless otherwise specified in an ad, applications for positions listed in this column will be accepted from current appointable (i.e., career/career conditional and VRA) NWC employees only. All others desiring employment at NWC may contact the Employment/Wage & Classification Division, Code 992, 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 alternate 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-116C. 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. 0829, Budget Analyst, GS-565, PD No. 778042-2, Code 0823 — This position is located in FMA Branch B, Budget Division, Office of Finance and Management. The incumbent provides services to one or more of the operating departments, including guidance of financial staff. Incumbent is responsible for all phases of budget execution, formulation, control and monitoring of direct overhead, and capital budgets. Analyzes proposals vs. funding and workload, identifies financial problems and recommends solutions, and is responsible for identifying system errors and inaccuracies. Job Relevant Criteria: Ability to gather and analyze raw financial data; ability to communicate effectively, both orally and in writing; ability to work rapidly and accurately with names, numbers, codes, and symbols; ability to meet deadlines under pressure. Promotion potential to GS-11.

Announcement No. 25-337, Purchasing Agent, GS-1105-4/5/6, PD No. 8025018N, Code 2522 (Multiple vacancies) This position is located in the Purchase Branch, Contracts Division, Supply Department. The incumbent will purchase a wide variety of commodities, both standard commercial items as well as technical items. Purchases are made within and outside the local trade area. For the more technical items, research may be required to identify a qualified source of supply. Selection of the appropriate method of purchase as well as selection of the method of soliciting quotations is the responsibility of the incumbent. Job Relevant Criteria: Knowledge of small purchase procedures; ability to work under pressure; ability to deal effectively with others; ability to work without close supervision. Applications accepted from current DoD employees.

Announcement No. 24-046, Sheet and Plate Metal Worker Helper, WG-3801-5, JD No. 795N, Code 24444 — Position is located in the Maintenance-Utilities Division of the Public Works Department. Incumbent will assist in the layout, fabrication, assembly and installation of prototype, experimental parts and equipment made from various types of ferrous and non-ferrous metals and alloys. Assists with electric arc welding, oxyacetylene welding, radio graph cutting, soldering and burning. Works from blueprints, sketches and specifications. Position has promotion potential to WG-11; however, promotion is not guaranteed. Job Relevant Criteria: Reliability and dependability; shop aptitude and interest; ability to follow instructions in the shop; dexterity and safety; ability to work as a member of a team. Supplemental is required and may be picked up at the reception desk or in Room 210 of the Personnel Building.

Announcement No. 24-049, Secretary, GS-318-4/5, PD No. 8025018N, Code 245 — This position is located in the Public Works Department, Housing Division. The incumbent provides clerical, typing and administrative support to the head of the Housing Division in the areas of mail distribution, filing, editorial review of all correspondence for accuracy, receptionist duties, calendar maintenance, time card preparation, and routing response drafts. The incumbent also provides guidance and assistance to other housing clerical personnel and prepares new files and assists in preparation of resulting reports. Job Relevant Criteria: Ability to organize and coordinate the work of the office; knowledge of correspondence procedures; ability to handle work contacts; ability to work independently. If a selection is made at the GS-4 level, there is promotion potential to the GS-5 level, however, promotion is not guaranteed.

Announcement No. 31-019, Administrative Assistant, GS-341-5/7/9, PD No. 8131010, Code 3192 — Position is located in the Targeting Division, Aircraft Weapons Integration Department. The incumbent will be responsible for administrative functions of the division with emphasis in the areas of budgetary planning and fiscal control, personnel policies and procedures, staffing requirements, materials and equipment procurement, and facilities. Job Relevant Criteria: Knowledge of administrative functions and procedures (budget, personnel, procurement, facilities); skill in handling work contacts; ability to communicate clearly both orally and in writing; ability to exercise initiative and to make decisions; skill in analyzing data and reaching sound conclusions. NOTE: Applicants are requested to address the Job Relevant Criteria and submit this information along with their SF-171. Please include examples of pertinent work experience. Position has promotion potential to GS-11; however, promotion is not guaranteed.

Announcement Number 33-009, Secretary (Typing), GS-318-3/4, PD No. 813209N, Code 333 — This is an Intermittent (WAE) position located in the Fuze Systems Division, Fuze and Sensors Department. The incumbent will provide secretarial support to division and branch members. Duties include: receives visitors and phone calls; reviews and arranges for reply to incoming correspondence; prepares correspondence, technical articles, reports and other material related to the branch; maintains files, control records, requisitions, etc. Job Relevant Criteria: Ability to type accurately and efficiently. Knowledge of Navy correspondence, regulations and formats. Ability to work effectively with all levels of personnel.

Announcement No. 38-016, Secretary (Typing), GS-318-4, PD 8038041N, Code 381 — This position is located in the Physics Division, Research Department. The incumbent provides principal clerical support to the branches in the division. The incumbent receives and directs visitors and phone calls to the appropriate person, receives and distributes mail, and maintains files. The incumbent is responsible for composing routine correspondence such as intra-office memoranda. Is also responsible for preparing standard government forms including shipping requests, personnel forms, and purchase orders. Job Relevant Criteria: Knowledge of Navy correspondence procedures; ability to type; knowledge of grammar, punctuation and spelling; ability to deal with a variety of personnel.

Announcement No. CP812, Cashier-Checker, PS-2091-2, \$3.31 per hour plus benefits, Chief Petty Officers Mess (Open), permanent, part-time. This is not a Civil Service position. Acts as hostess and cashier; may perform related food duties. Requirement: Must be able to operate cash register; be familiar with handling money, and able to obtain health card.

Announcement No. CP812, Food Service Worker, NA-7408-1, \$3.25 per hour, intermittent-unscheduled, Chief Petty Officers' Mess (Open). This is not a Civil Service position. Cleans by hand and machine dishes, silverware, etc. kitchen area; sweeps and scrubs deck; puts kitchen in order; helps set up ballroom. Requirement: Basic knowledge of operation of dishwasher; able to follow simple instructions; able to obtain health card.

Announcement No. CS811, Clerk, PS-2091-3, \$3.70 per hour plus benefits, permanent, part-time, Consolidated Package Store. This is not a Civil Service position. Sells, wraps, checks and verifies incoming orders; makes DARS; complies with security and existing regulations. Requirements: Must possess knowledge and experience handling, stocking, and shelving alcoholic and soft drink beverages; able to lift and carry 40 lb.

Announcement No. C0815, Food Service Worker, NA-7408-1, \$3.25 per hour, permanent, full-time, Commissioned Officers' Mess (Open). This is not a Civil Service position. Cleans by hand and machine, dishes, silverware, etc., kitchen area; sweeps and scrubs deck; busses tables; collects and empties garbage; dusts furniture; carries supplies; assists with simple kitchen duties. Requirement: Willing to follow instructions as shown by supervisor.

Announcement No. C0816, Supervisory Waitress, NS-7420-2, \$5.42 per hour plus benefits, permanent, full-time, Commissioned Officers' Mess (Open). This is not a Civil Service position. Acts as hostess; supervises and instructs waitresses and food service workers; inspects dining area; handles complaints, reservations, meetings, inspects personnel's appearance, does scheduling. Requirement: Willing to follow instructions; able to deal with patrons in a tactful and diplomatic manner; be knowledgeable of all dining room etiquette.

Announcement No. C0817, Food Service Worker, NA-7408-3, \$3.49 per hour plus benefits, permanent, full-time, Golf Course Snack Bar. This is not a Civil Service position. Must be able to mix and serve alcoholic drinks and short order cook; willing to follow instructions as shown by supervisor. Apply for non-Civil Service positions with Bettye Cheatham, Bldg. 21, Ph. 3387.

TEL-MED TAPE OF WEEK
Those who think that they are seeing spots before their eyes may indeed be seeing spots before their eyes. They can find out more about this condition by telephoning Tel-Med, 446-3541, and asking to hear tape No. 470, "Seeing Spots and Floaters."



DIVINE SERVICES

PROTESTANT
Sunday Worship Service 1000
Sunday School—All Ages 0830
Sunday School Classes are held in Chapel Annexes 1, 2, 4, (Dorms 5, 6, 8) located opposite the former Center Restaurant.
Communion Service first Sunday of the Month.

ECUMENICAL
Wednesday Noon Bible Study 1130
Thursday Men's Prayer Breakfast 0630

ROMAN CATHOLIC
MASS
Sunday 0830-1130
Nursery, Chapel Annex 1 0815-1245
Daily except Saturday, 1135 Blessed Sacrament Chapel

CONFESSIONS
Daily 1115 to 1130
Sunday 0800 to 0825

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

JEWISH SERVICES
EAST WING — ALL FAITH CHAPEL
Sabbath Services every Friday
UNITARIANS
CHAPEL ANNEX 95
Sunday Services—(Sept.-May) 1930

IWV swimming team schedules practice meet on Saturday

In preparation for its 23rd spring and summer swimming season, the Indian Wells Valley swim team will hold a major practice meet for team members tomorrow, starting at 8:30 a.m., in the indoor pool at the Center gym.

Boys and girls will compete separately and in six different age groups (6 years of age and under, 7-8, 9-10, 11-12, 13-14, and 15 and over). There are a half-dozen events (freestyle, backstroke, butterfly, breaststroke, individual medley, and free-relay) for each group.

Boys will be awarded to the swimmers who place first through sixth in each event.

Coach Tim Grosney reports that the 100 plus members of the IWV swim team are progressing well, especially the younger swimmers, and he is expecting some strong individual performances during tomorrow's competition.

Having been nationally ranked in the 1500 meter freestyle, Coach Grosney has an excellent background for judging swim team members.

All interested persons are invited to attend the swimming meet tomorrow morning and any future meets, as well, at no charge. Additional information about the team and its training program can be obtained by calling Bill Chan, swim team president, at NWC ext. 2816 during the day or 375-5590 after working hours. Coach Grosney can be contacted by calling NWC ext. 2911 on work days, or in the evenings at 446-3684.

Cerro Coso College offers class in cross country skiing

Cerro Coso Community College will offer "Introduction to Nordic (Cross Country) Skiing" as part of the Enrichment College schedule of classes.

The class will be held on March 13, 14 and 15, preceded by an orientation meeting next Thursday, March 5, from 7 to 9 p.m. in Rm. 146 at the college.

Class instruction will include cross country skiing techniques, equipment, clothing, waxing of skis, fitness training, skiing etiquette and ski racing and touring. Total cost will not exceed \$125 per student, which includes lodging, meals, ski equipment, and ski instruction. Morris Schaff will teach this 0.5 unit course.

Since enrollment in the class is limited, individuals who are interested are encouraged to register promptly. They may do so at the Office of Admissions and Records Monday through Thursday between 9 a.m. and 7 p.m., and on Fridays between 9 a.m. and 4 p.m.

Anyone seeking further information about the class may telephone the college at 375-5001.

Burros edge AV . . .

(Continued from Page 6)
Burros chipped away at the AV lead, and two arching shots from the corner by Brown hit their mark. The first one cut the AV lead to 63-62 and the second one gave the Burros a 64-63 lead with 54 sec. left to play in the game.

Twenty seconds later, Heyward was fouled by one of the AV reserves and stepped to the free throw line to hit two charity tosses that provided the Burros with their 66-63 margin of victory.

Leading scorers for the BHS boys' varsity team were Fulton with 20 on 7 field goals and 6 of 9 free throws, Heyward with 19 on 6 field goals and 7 of 10 free throws, and Brown with 11 on 4 field goals and 3 of 5 free throws.

Before fouling out with 1½ minutes left to play in the fourth quarter, Greg Gross also tallied 20 for AV on 7 field goals and 6 of 10 free throws. The 'Lopes had two other players in the double-figure scoring column. They were Victor Wilson and Bruce Hill, with 15 and 11 points, respectively.

employee in the spotlight

By Mickey Strang

"We get different problems here because of the isolation."

Esther O'Neill-Hardin



"If you are interested in people as precious and unique human beings, you can help them," says Esther O'Neill-Hardin, who heads the Counseling and Assistance Center (CAAC) in Barracks 880 on King Street.

The CAAC, which falls under the Military Administration Department at NWC, provides counseling and referral services for active duty and retired military and their dependents, and also for civilian employees. It is open from 7:30 to 11:30 a.m. and 12:30 to 4:30 p.m. on working days, Tuesday evenings from 7 to 10 o'clock, and both Esther and her military co-worker, AE1 Martin Carr, are on call 24 hours a day for emergencies.

An Alcoholics Anonymous group also meets at CAAC each Wednesday evening from 7:30 to 9:30. ("It's not true that you can't relate to someone with an alcohol problem unless you're a recovering alcoholic," says Esther. "What you need is to genuinely like people, and to remember that we've all had problems.")

Variety of help offered

While many of the people that Esther sees do have problems that are either alcohol or drug related, many do not. Esther will help a young family plan a budget, she will help with interpersonal relationships, she provides indoctrination for newcomers, and actively maintains an education program.

"We get different problems here because of the isolation," she says, "but usually with those who are lonely or bored, it's for lack of looking. There are all sorts of ways here that people can get involved, can solve their own problems of loneliness by helping someone else."

Helping people has been a long-term profession with Esther, who was trained as a disaster nurse in her native Costa Rica before moving to the United States. Since coming to this country she's been involved with teaching mother and child care classes for the American Red Cross in Sacramento (and receiving the

Red Cross's prestigious Clara Barton Award for her efforts in that and other Red Cross programs), providing family life training at the Preston School of Industry (a juvenile facility in northern California), working with the American Cancer Society, and serving as a physical therapy volunteer with the Easter Seal Society. She also worked with the Seventh Step Foundation at Vacaville Prison and in Sacramento; the Seventh Step Foundation is an organization for convicts and ex-convicts.

During the seven years just prior to leaving Sacramento, she helped found and was active as both a nurse and an interpreter for the Free People's Clinic. For this and her other activities, she was selected as one of Sacramento's Ten Outstanding Women for 1971.

Interested in people

Esther's interest in people and her background as a counselor led her to volunteer her time and efforts at Middle Earth, which was the forerunner of the CAAC. Middle Earth was run by the Desert Counseling Clinic for the Navy; when the Navy itself took over the functions of Middle Earth, Esther became head of the "CARE" program that evolved to the CAAC.

The main change that Esther has seen in the intervening years is that there is much more concern shown for the individual, and that supervisors are now getting much more involved and showing more concern for the men and women in their organizations.

Esther's three sons (aged 34, 30 and 28) are not in the local area, but husband James definitely is. He retired from the Navy in 1976, and is enrolled as a part time student at Cerro Coso Community College ("There's a marvelous opportunity for getting an education here," says Esther.) Her spare time — what there is of it — she spends crocheting, collecting dolls, and being active with the Chi Alpha Chapter of Beta Sigma Phi. "As a future project, Esther says, "I'd really like to get involved with the Senior Citizens program."

Race tightens for intramural league Div. A lead

The race for first place in Division A of the China Lake Intramural Basketball League tightened up last week as the result of a loss pinned on We Party by the Desert Lakes team, which was then edged 53-51 by the Loewen's A hoopsters.

The Desert Lakes and We Party cagers battled to a 22-22 halftime tie in their game, but the Lakers came up with more scoring punch in the second half — 33 points compared to 26 for We Party — to win by a final score of 55-48.

Signups for China Lake Little League slated March 4, 12

The first of two signup sessions for boys and girls interested in playing on China Lake Little League baseball teams during the coming season will be held next Wednesday, March 4, from 7 to 8:30 p.m. at the Groves School auditorium, China Lake.

Another opportunity for prospective China Lake Little Leaguers to register will be provided on Thursday, March 12, from 5 to 6:30 p.m. The location will be the Las Flores School auditorium in Ridgecrest.

Children who will be 6 years of age by July 31 and not more than 12 years old on Aug. 31 are eligible to play Little League baseball this year. Birth certificates must be presented at the time of registration. - Donations of \$20 per player or \$30 per family if more than one youngster is involved in Little League are being asked by the China Lake Little League organization.

The dates, times and location of player tryouts will be posted at the school auditoriums during the two registration sessions.

Families and friends involved in the China Lake Little League program are asked to mark their calendars as a reminder that the league's annual fund raiser, a fried chicken dinner at the American Legion Hall in Ridgecrest, will be held on March 22.

Three Desert Lakes players — Calvin Lowery with 12, and Gary Barnes and Vick Hansen, who tallied 10 points each — led the Lakers on offense. The game's high point man was Steve Blanche, who hit 17 for We Party.

Andy Price of Loewen's A and Lowery of the Desert Lakes team both looped in 20 points in the Loewen's A team's 53-51 win over the Lakers. The winners built up a 6-point lead of 24-18 at the half, and then hung on to win by a margin of one field goal.

In one other Division A game played last week, the Charlon & Simolon hoopsters outscored the wireless KMCC Piranha squad 63-51, Mike Waters of Charlon & Simolon was the high point man with 27 while David Rogers led the Piranhas with 21.

F Troop, an all-military squad, took advantage last week of a bye drawn by Loewen's B cagers to grab a solid hold on second place in Division B of the intramural basketball league.

The Troopers boosted their season record to 7 wins and 2 losses by deluging the Firefighters 68-32 and outscoring the Zephyrs 42-32.

China Lake Intramural Basketball League Standings as of Feb. 20:

Team	Division	Won	Lost
We Party	Division A	8	3
Desert Lakes	Division A	8	4
Charlon & Simolon	Division A	7	4
Loewen's A	Division A	4	6
KMCC Piranhas	Division A	0	10
Loewen's B	Division B	8	0
F Troop	Division B	7	2
Panthers	Division B	3	5
Zephyrs	Division B	2	7
Firefighters	Division B	1	7
CSC	Division C	9	0
Comarco Chickenhaws	Division C	7	2
Floor Burners	Division C	6	3
Pizza Villa Poochies	Division C	5	5
Gas Bags	Division C	4	6
P&C's Antiques	Division C	2	7
Supply Bombers	Division C	0	10

The Bombers also fell prey to the Floor Burners by a score of 44-32 in another Division C contest played last week. The Floor Burners built up a 10-point halftime advantage of 21-11 and maintained a comfortable lead for the remainder of the game. Dennis Edmonson, with 14, and Richard Dominguez, who hit 10, were the top scorers for the Floor Burners, while John Martin led the Supply Bombers with 11.

In the only other Division C game played last week, the Pizza Villa Poochies gained clear title to fourth place by defeating the Gas Bags 40-29. High point man for this game was Scott Smith, who tallied 17 for the Poochies. Tim Salmon chalked up 13 for the Gas Bags.

The Rocketeer

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Captain W. B. Haff
NWC Commander
R. M. Hillier
Technical Director

S. G. Payne
Public Affairs Officer
Don R. Yockey
Editor

Mickey Strang
Associate Editor
Beverly Becksvort
Editorial Assistant



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75 runners compete in Over-Hill Track Club's 8-mile run

The Over-the-Hill Track Club-sponsored Washington's birthday 8-mile run, held last Saturday at the Desert Empire Fairgrounds in Ridgecrest, attracted a field of 75 runners from throughout southern California, who enjoyed the excellent weather and sunny skies for this event.

Manuel Carrillo, a novice distance runner from Lake Hughes, was the first runner to complete the two loops around a flat 4-mile course. He started 3 min. after the gun sounded to get the race underway, and 21 min., 40 sec., ahead of the non-handicap runners.

Carrillo built up a 2 min. lead at the halfway point, and was never seriously challenged.

TOPNOTCH PERFORMANCE

Robert Slick, from Orange, Calif., who competed without a handicap, ran an excellent race — finishing in 42 min., 31 sec. He caught up with and passed all of the other runners except Carrillo as he finished in second place. Slick's time was 1:01 off the 5-year-old record for this 8-mile run.

The second fastest time of the day was turned in by Marshal Mayte, another non-handicap runner, from Sylmar, Calif., who was clocked at 42:45 as he shadowed Slick all the way to the finish line. Mayte was the pre-race favorite on the basis of his recent performance in the Bakersfield half-marathon (13.1 miles) run which he completed in 69:30.

Top performance by a woman entrant in the OTHTC Washington's birthday run was that of Sheila Haskam, an Alhambra, Calif. resident, who helps to promote the Avon Women's Running Circuit. Her time was 53:47.

Runner-up to Haskam was Jeannette Wells, of Quartz Hill, who completed the 8-mile course in 54:27. This was the third year in a row that someone from the Wells family has won a medal in this race.

LOCAL MEDAL WINERS

Medal winners in the handicap division from the OTHTC, and their times, were Ron Keck, 3rd in 65:41; Larry Meyers, 9th in 53:53; and Bill McBride, 10th in 61:31. The only open division winner from the OTHTC was Tom Rindt, who had a fine performance of 46:34.

Other OTHTC entrants who ran well included (on the distaff side) Dianne Lucas, 4th fastest woman entrant with a time of 56:59; Diana Martin, 68:46; and Nancy Zimmermann, 80:35.

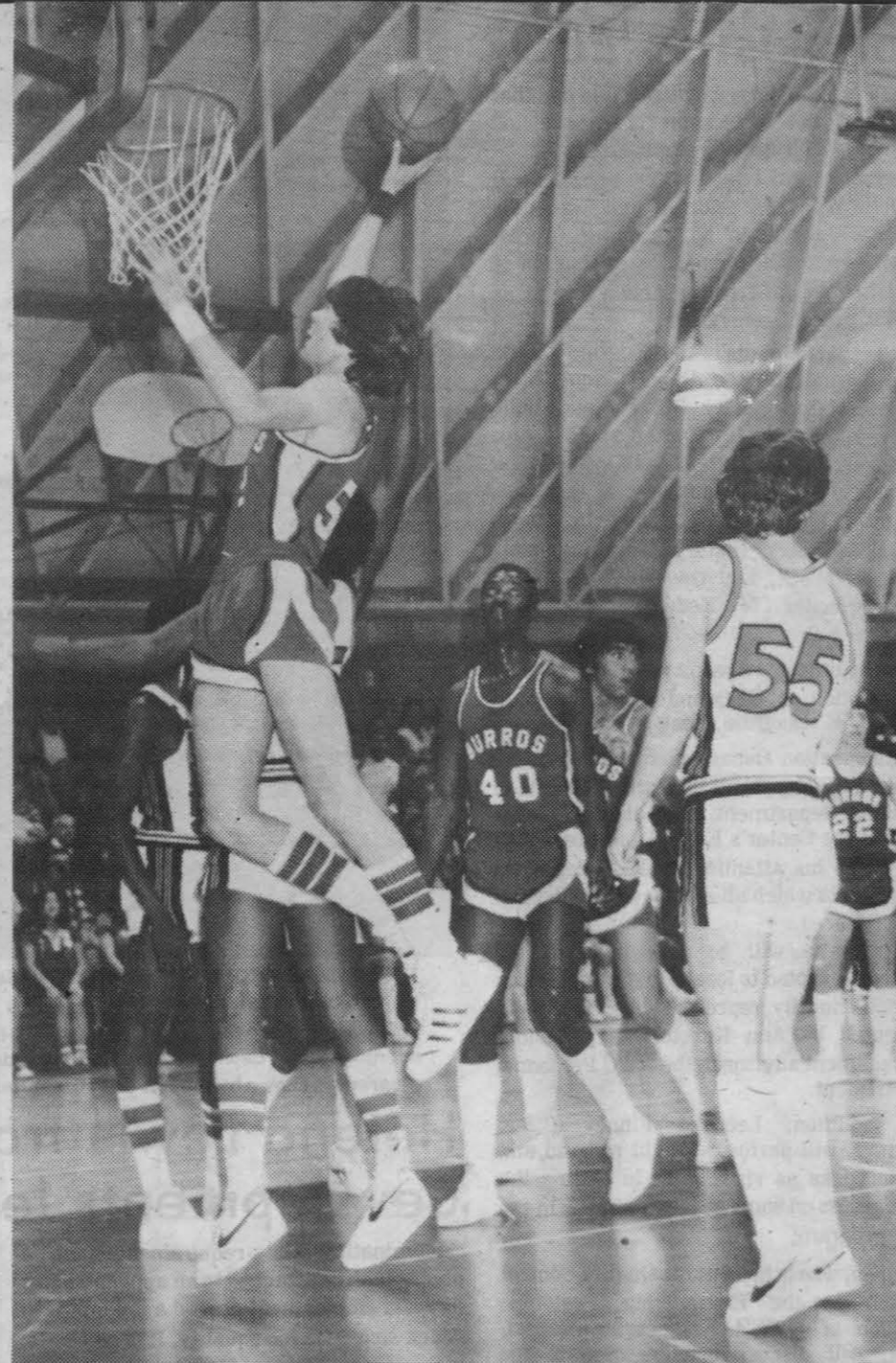
Others from the OTHTC who turned in creditable times were Mike Hartney, 49:17; Mike Mumford, 50:07; John Anderson, 53:42; Tom Marshall, 56:06; Tom Sakai, 57:45; and Dave Lehmann, 62:25. No husband and wife teams were entered in this race, so all of the team medals went unclaimed.

Invitational track meet to be held in San Diego

The San Diego Naval Station will host its annual invitational track and field meet on Saturday, March 14. Military personnel will be competing in men's open and senior divisions and a women's division.

Events scheduled are the 100 and 220 yd. dashes, the 440, 880 and 1-mile runs, as well as the long jump, high jump, shot put, discus and javelin throws, and the triple jump.

Active duty military personnel at NWC interested in taking part in the track meet at San Diego must contact Paul Backiewicz, athletic director, by calling NWC ext. 2334 or 2571 no later than Tuesday.



DRIVING FOR BASKET — Paul VanderWerf, a reserve player for the Burroughs High boys' varsity basketball team, controls a rebound and goes for the hoop in this bit of action during the Burros vs. Antelope Valley Golden League finale last Friday. The Burros, who won the game 66-63, will go into the first round of CIF playoff competition tonight at home against a team from Burroughs High School in Burbank. —Photo by Don Cornelius

Burros boys to open bid for CIF basketball crown in game tonight

The Burroughs High School varsity boys' basketball team, Golden League champions for the third year in a row, logged its 11th win out of a possible 12 in the current league season last Friday by outlasting a stubborn Antelope Valley High School quintet from Lancaster by a final score of 66-63.

Playing on their home court, the Burros, who had already clinched the league title, had another of their off nights and succeeded in making the Antelopes look good — nearly handing them the game before producing barely enough points to win it in the final minute of the fourth quarter.

The Antelopes, who needed a victory over Burroughs to salvage a so-so season, came here ready to play and clearly showed it in

First round action in the 1981 CIF basketball playoff competition will get underway tonight at 7:30 in the Burroughs High School gym between the Burros boys' varsity basketball team and the Burroughs High (Burbank) cagers of the Foothill League.

The visitors placed third in a league that is considered tops in Class 2A basketball competition.

The first 2½ minutes of the game when they ran up a 10-0 lead. Greg Gross led the Antelopes' first quarter charge with 3 field goals and 3 free throws for 9 of his total 20 in the game.

Two field goals and a free throw by Dalton Heyward and one field goal each by John Robertson and Curtis Edmonson helped to get the Burros moving in the first period, which ended with Antelope Valley holding a comfortable lead of 21-10.

The Antelopes cooled down a bit allowing the momentum to swing to the Burros in the second quarter. An AV lead of 13 points (23-

10) early in the second period was cut to 3 (32-29) when Billy Brown, of Burroughs, connected on a swisher from the right corner with 1½ min. showing on the scoreboard clock before the halftime intermission.

The absence of Danny Drake, a starter all season at the point guard position, from the game against AV created an alignment shift that put Scott Fulton at the inside post position, and Fulton made his presence known on the court by hitting 4 field goals and 3 free throws during the second quarter BHS rally. Two of Fulton's charity tosses came after the halftime buzzer had sounded and reduced the Antelopes' lead to 36-34.

The AV cagers, who were outscored 24-15 in the second quarter, were able to capitalize on the Burros team foul trouble (including two technicals against BHS) midway through the third period of play and succeeded in building up a 6-point lead of 51-45.

In the closing minute of the third quarter, however, back to back field goals by Fulton and Heyward for Burroughs once again cut the Antelope Valley lead to a 3-point margin — this time to a score of 54-51 as the fourth period began.

A minute later, the Burros (for the first time in the game) moved into a shortlived lead of 55-54 as the result of 2 free throws by Heyward and a field goal by Fulton.

Just when BHS fans began to look for their team to get rolling, however, the Lopes rattled off a string of 3 field goals and a free throw that gave them a 5-point lead of 61-56 with 5 minutes left to play in the fourth quarter.

For the remainder of the game, the

BHS girls to host Louisville in CIF hoop tilt tomorrow

Finishing strong with a 4-game winning streak, the Burroughs High School girls' varsity basketball team, coached by Marla McBride, successfully defended its Golden League championship by posting a 42-38 win over Antelope Valley in a game played last Friday night in Lancaster.

This victory earned the Burros girls the homecourt advantage for the opening round of CIF playoff competition tomorrow night against their counterparts from Louisville High of the San Fernando League. Tip-off time is 7:30 p.m. The visitors finished their regular season competition in third place in their league.

Tickets, priced at \$3 for adults and \$2 for students, will be on sale at the BHS gym box office prior to game time tomorrow.

In what turned out to be a low-scoring game with the Antelopes, the Burros girls, who trailed 10-8 at the end of the first period of play, dominated the game in the second quarter and built up a 25-19 halftime lead.

SECOND QUARTER SURGE

The BHS girls tallied the first 7 points to go up on the scoreboard at the start of the second quarter, and held onto the lead for the remainder of the contest.

Shelley Gravelle, who had missed the previous two games on the BHS schedule, came off the bench in the second quarter to help with 4 points that contributed to a 17-point second period total for the home team.

After the halftime intermission, Gravelle pumped in another 6 points as the Burros' girls continued to hold off their opponents. Gravelle racked up a total of 12 points and had 8 rebounds as her contribution to this important league championship-deciding tilt.

Early in the fourth quarter, the Burros girls held a 10-point advantage of 37-27, but the AV cagers kept chipping away at this lead and had it down to 2 points with just 9 seconds left to play in the game when Mary McDonough, of Burroughs, dropped in a pair of free throws that put the game on ice.

Foul trouble by the Burros girls, who lost three players — Brenda McComber, Marjie DeGraw, and Julie Baker — via the foul route in the final period, played a part in the fourth quarter resurgence by the Antelope Valley girls.

Leading scorers for the Burroughs High girls, in addition to Gravelle, were McDonough with 8, and Julie Baker and Patty Minnis, who tallied 7 points each.

The AV girls were led in the scoring department by their two forwards, Paulette Buford and Terry Lewandowski, who tallied 11 and 10 points, respectively.

Runners-up gain 2 games on leader in Premier League

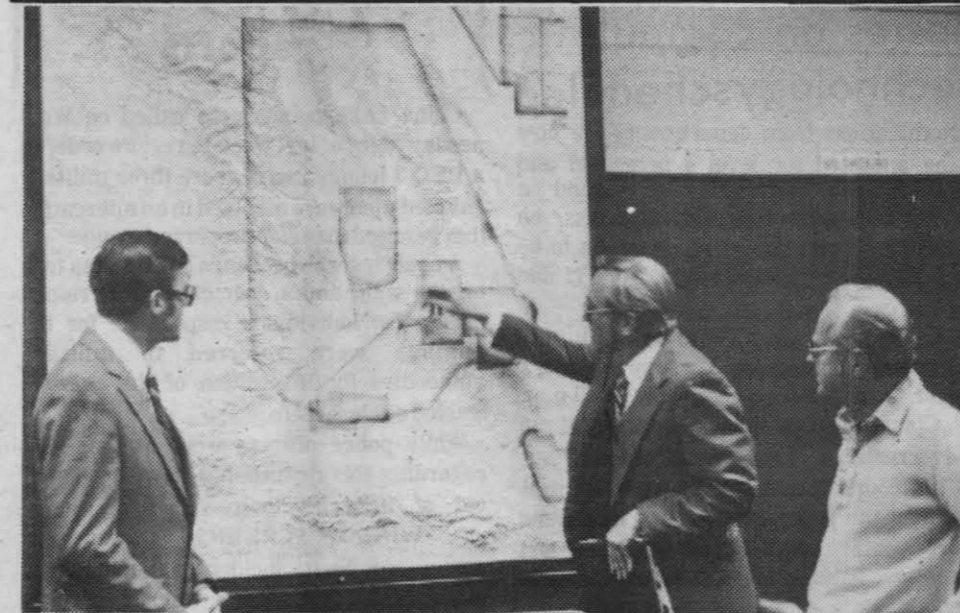
The Buggy Bath and Fisher Plastering keggers, who are tied for second place in the Premier League, each gained two games on the league leader this week as the result of a 3-game sweep posted Monday night by the Hideaway squad over the Triangle Mobile Homes team.

While the Mobile Homes bowlers couldn't match the efforts of the Hideaway squad, which rolled the evening's high team game and high team series with totals of 1031 and 2946, respectively, the Buggy Bath and Fisher Plastering bowlers each won two of their three games from Clancey's Claim Co. and the Elks Lodge.

Once again Jim Bowen was the Premier League's top individual bowler as he rolled a 658 series that included single games of 242 and 224. Others who topped the 600 series mark, and their scores, were: Hut Zimmerman (616), Ernie Lanterman (605), Dick Bauers (602), and Jeff Mattick (601).

In addition to Bowen, those with single game scores in excess of 220 were Lanterman (238), Mark LaFon (224), and Bauers (223).

(Continued on Page 7)



RANGE MODERNIZATION PROGRAM REVIEWED — Jerry Reed (at left), a former Naval Weapons Center employee, returned this week to discuss funding priorities and funding deficiencies for Electronic Warfare Threat Environment Simulation and to review the Center's range improvement and modernization program. Reed, who was the associate head of the Range Department when he left here last summer, is now the Naval Air Systems Command's Technical Director for Test and Evaluation (AIR-6A). He is looking over a map of the NWC range areas with Bob Hillyer (center), NWC Technical Director, and Bill Hattabaugh, head of the Test and Evaluation Directorate. —Photo by Don Cornelius

8 nominees are in running for Bluejacket of the Year Award

The winner of the Bluejacket of the Year Award has been selected, but the name is still a closely guarded secret. Announcement of the winning Bluejacket will be the highlight of the twelfth annual Bluejacket of the Year banquet that will be held on Saturday, March 7, at the Enlisted Mess.

The annual event is sponsored by the Indian Wells Valley Council of the Navy League; last year's dinner was attended by more than 250 persons, who turned out to honor the Center's outstanding bluejacket.

Nominated this year are four bluejackets of the quarter from Air Test and Evaluation Squadron Five, and four from the Naval Weapons Center.

BLUEJACKET NOMINEES

The nominees are, from VX-5, AD3 Armand Rosenthal, AMH2 Donald A. Boyle, YN2 Kimberly A. Ryder, and AMH2 Mario Mercado. NWC nominees are AQL Larry Woeller, AT1 Richard Oubre, AZ2 Billi A. Taylor, and AT2 Robert C. Ross.

Some of the bluejackets of the quarter originally selected have been transferred or have left the Navy; their replacements were chosen from Sailors of the Month who qualified.

Factors that are considered in the selection of the Bluejacket of the Year include military bearing, appearance, conduct, job performance, supervisor's recommendation, and also an interview with the selection board during which each candidate is asked a number of questions.

The selection board is chaired by AVCM Jerry Cook, Master Chief Petty Officer of the Command for NWC. Other members of the board are AVCM Rick McAlister, AEC3 John Smith, and DPC Don Derryberry, from VX-5, and AKCM Jim Beeson, AMCS Dan Brockway, and FTCS Dennis Hoelzle, all from NWC.

Everyone in the community is invited to attend the banquet. Tickets for the baron of

VX-5 change of command ceremony due March 27

Air Test and Evaluation Squadron Five (VX-5) will hold a change of command ceremony on Friday, March 27, at 1 p.m. at Hangar 1 at Armitage Airfield.

Capt. P. D. Stephenson, Commanding Officer of VX-5, will be relieved by Capt. Paul Hollingsworth Jr., who is currently Commander, Medium Attack Tactical Electronic Warfare Wing Pacific, based at the Whidbey Island Air Station, Oak Harbor, Wash.

Capt. Stephenson will depart for the Philippine Islands, where he will become the Commanding Officer of the Naval Air Station at Cubi Point.

350 attend annual Soldering Technology Seminar held here

While the fifth annual soldering technology seminar held at the Naval Weapons Center did not formally begin until Wednesday, Feb. 18, meetings for some of the 350 industry and government leaders in the field began the preceding Monday.

Two committee meetings were held on Tuesday: The International Soldering Technology Committee hosted by Jim Raby, head of the Soldering Technology Branch, whose members came from Australia, Sweden, and England, met to discuss its business as well as to attend the main seminar; and the Committee on Assembly Joint Technique of the Interconnections Packaging Circuitry Group met to discuss a proposed testing technique.

Members of the latter committee included representatives of the five major soldering iron manufacturers; during the meeting an experiment was conducted to determine temperature variations felt by the solder operation. The direct benefit of the meeting was that an agreement was reached by these manufacturers about a proposed test method of measuring temperatures of the solder tip and the solder connection.

Visitors registered in motels as far south as Palmdale to attend the Wednesday and Thursday sessions at which 13 papers were

presented, as well as the dinner meeting when Charles Miller, vice president of the Bendix Corporation, spoke to the assembled group.

His words underly the value of the conference. He noted that each seminar held can have a direct impact on the productivity of the production line worker if those who attend are able to adequately communicate to their employees the new technology discussed. This also can result in improved quality and reliability of hardware for the Department of Defense, Miller said.

All speakers emphasized how to practise methods of achieving the most cost effective and reliable hardware for Department of Defense use. Especially representative of



CHECKING OUT THE EQUIPMENT — Grant Pearce, from Australia, a member of the International Soldering Technology Committee, examines a cleaning device as Dr. Dan Niewbauer, from Litton Industries, watches.

This was a paper presented by R. N. Wilder from I.B.M., which discussed early system design testing that often could help expose and provide means of correcting long range design and processing effects that might adversely affect system test or field reliability.

This year's attendees at the soldering technology seminar included executive level personnel from the various manufacturers so that a special one-day mini-seminar is being considered next year for executive personnel. Such a mini-seminar would highlight cost effectiveness, and a summary of all the papers scheduled at the two-day conference would also be presented.

Open season set on employee group life insurance program

Eligible Federal government employees will be able to elect a variety of new and beneficial coverages during the Federal Employees Group Life Insurance (FEGLI) Program open season from March 1 to 31, 1981.

Four forms of insurance will be offered during the open season, two for the first time.

In addition to the basic insurance and the \$10,000 optional insurance (offered in the past), employees can now elect additional and family coverage. Also, the cost of basic insurance has been reduced slightly from 25½ cents per thousand dollars of coverage, to 24 cents. The rates for the optional insurance types and reduced rates for basic insurance become effective April 1, 1981.

Younger employees must sign up for basic insurance during the open season to benefit from increased amounts of this insurance that take effect Oct. 1, without additional cost to the individual. At that time, employees under age 45 will get a graduated increase in face coverage, with those under 36 eligible for twice the amount.

Enrollment forms and brochures have not arrived on Center yet, but will be distributed to departments as soon as they are received. During March, all eligible employees must make a new life insurance election.

PRAN Arsenault singled out as Sailor of Month

Aircrew Survival Equipmentman Lisa Arsenault has been selected as Naval Weapons Center Sailor of the Month for January.

She is a parachute rigger and test parachutist currently assigned to the Test Operations Branch of the Parachute Systems Department. She is one of only three female Navy test parachutists, having completed 107 premeditated parachute jumps at the time of her selection.

PRAN Arsenault became a test subject for a number of Biomedical Physiological Response studies to provide essential physiological information for aerospace environment exposure to female aircrewmembers. During these studies, PRAN Arsenault has been exposed to numerous alien situations that required considerable self-confidence and an ability to quickly analyze and respond to potentially hazardous circumstances.

In addition to her duties aloft, PRAN Arsenault also has shown a keen interest in the functions and purposes of a number of parachute systems and related equipment while performing highly professional workmanship in the maintenance and packing of these systems.

She notes that "we all pack each

parachute like we are going to be the one jumping with it," and adds that she feels completely comfortable in taking any chute that has been packed by her group into the air for a premeditated jump.

PRAN Arsenault entered the Navy from her home town of Gardner, Mass., and was sent to "A" school at Lakehurst, N.J. It was



PRAN Lisa Arsenault

there that she made her first premeditated jump, and liked it enough so that she volunteered and then was selected to become one of the Navy's first female test parachutists.

While she considers that being a test parachutist is "just a job," she does admit that at times (such as during recent ripcord tests) the work becomes more scary than interesting.

A skier since she was four years old, she has not had much opportunity to ski since she has been at China Lake, but she brought her skis here from Massachusetts so that (if there's good snow) she'll be able to take advantage of the proximity to the mountains.

While awaiting the opportunity to get back to the slopes, she keeps in condition by playing racquetball. PRAN Arsenault also has recently acquired a camera, but "I haven't had a chance to really get into photography yet," she says.

As a result of her selection as Sailor of the Month, PRAN Arsenault will receive a 96-hour liberty and no duty status for 30 days. She will also receive an NWC plaque, and an official letter of commendation signed by Capt. William B. Haff, NWC Commander, will be placed in her service jacket.



READY TO PULL — PRAN Nancy Shrankel, one of the Navy's three female test parachutists, gets set to pull the ripcord in the course of a biomedical study being done on upper torso strength of women. Behind her (on the floor) is HMI George LaMora, who is timing her pull; the string is an event marker.

Distinguished lecture series on computing technology scheduled

Nominations from departments are now being accepted for level 4 personnel and some level 3 personnel to attend a Distinguished Lecture Series class on Computing Technology for Managers to be held Tuesday and Wednesday, April 21 and 22.

The course will run from 7:45 a.m. until 4:30 p.m. each day; on Tuesday evening a dinner session will be held from 7 to 9 p.m. at Clancey's Claim Co. restaurant in Ridgecrest.

This course grew from a similar class given for the Technical Planning Board and other senior level managers held last summer. Attendance is limited to 150 participants.

The class will be conducted by Dr. John Manley, the Director of Programming Applied Technology for International Telephone and Telegraph Co. Guest lecturers, their affiliations and their topics include:

Dr. Bernard Galler, University of Michigan, "Historical Influence on Current Technology and Future Trends;" Dr. John Manley, ITT, "New Technologies in Computing;" Dr. Howard Morgan, Wharton School at University of Pennsylvania, "The Office of the Future;" Dr. Victor Basili, University of Maryland, "Software Development;" Dr. Randall Jensen, Hughes Aircraft Co., "Software Engineering;" and Drs. Walter J. Karplus, UCLA, and George A. Bekey, USC, "Computer Simulation."

John Reynolds from the Naval Surface Weapons Center, Dahlgren, will be the guest speaker at the dinner; his topic is "View From the Trenches."

Interested personnel should submit enrollment requests on NWC Form 12410/73 via department offices. Departments must prioritize such requests and forward their nominations to Code 094 no later than April 6.

Warm clothing is best insulation in cool weather

For comfort in cooler indoor temperatures, use the best insulation of all—warm clothing.

The human body gives off heat, about 390 Btu's per hour for a man, 330 for a woman. Dressing wisely can help you retain natural heat. Wear closely woven fabrics; they add at least a half degree in warmth.

For women, slacks are at least a degree warmer than skirts. For men and women, a light long-sleeved sweater equals almost 2 degrees in added warmth; a heavy long-sleeved sweater adds about 3.7 degrees; and two lightweight sweaters add about 5 degrees in warmth because the air between them serves as insulation to keep in more body heat.

Police reports . . .

China Lake police were called on Wednesday night of last week to restore order in a BEQ 3 lounge room where three military enlisted men were involved in an altercation that resulted in minor property damage.

A chair leg was broken, a picture was torn off the wall, and a door closer was ripped loose. The individuals responsible for the damage were referred to military authorities for disposition of the charges leveled against them.

While police officers were at the BEQ regarding this disturbance, the air was let out of tires on their vehicle.

WINDOW SCREENS STOLEN

A petty theft incident involving the disappearance of three window screens from a residence in the Capehart A housing area was reported last week to China Lake police. The missing screens are valued at \$40.

PINBALL MACHINE DAMAGED

Damage to a pinball machine at the Enlisted Mess was reported last week by the manager of the EM. The cost to replace broken glass was estimated at \$40.

VANDALISM REPORTED

Two separate reports of vandalism were received by China Lake police last Friday and Saturday nights.

In the first, a wooden slab was thrown through the window of motel apartment causing \$25 damage.

Damage estimated at \$40 occurred at a residence in the Capehart A housing area, where a rock that was thrown at the house broke a window and damaged a door casing.

BICYCLE IS MISSING

Last Friday afternoon, police received a report about the theft of a bicycle from the Richmond Elementary School campus. The missing two-wheeler, which had been left unlocked, is worth \$50.

CITIZEN'S ARREST MADE

A female military dependent, apprehended Tuesday afternoon on a citizen's arrest made by the manager of the Commissary Store, was turned over to China Lake police and then released following the issuance of a citation for her to appear in the Kern County Municipal Court on a charge of shoplifting.

Value of the merchandise allegedly taken by the suspect is \$11.

Bluejacket . . .

(Continued from Page 1)

search and rescue work in helicopters, and that this duty has really pleased him because it involves saving lives. He says that he doesn't enjoy flying in fixed-wing aircraft nearly as much as in helicopters because "helicopters get right down to earth."

He and his family, consisting of wife, Josefina, and a son, Allan, 15, and daughter, Gina, 10, will be leaving China Lake shortly for duty at Barking Sands in Hawaii, where AD2 Morales will return to work with SH-3 helicopters.

Hawaii will also enable the family to get in more ocean fishing, although AD2 Morales says that practically all he needs to do to get seasick is just to look at the ocean.

Camping and fishing is the favored family recreation activity here; the whole family including three poodles (two miniature and one toy) goes up to the Owens Valley or over to Lake Isabella to camp and fish whenever possible.

AD2 Morales didn't have an opportunity to do much camping before he joined the Navy from his New York City home; he was attending the City College of New York when he decided on a Navy career.

For being selected as Bluejacket of the Month, AD2 Morales will get a 96-hour liberty and no duty status for 30 days. He will also receive an official letter of commendation signed by Capt. William B. Haff, NWC Commander, and an NWC plaque with his name on it.

T&E Directorate to hold special meetings with emphasis on EEO

Civilian employees and military personnel assigned to the Naval Weapons Center's Test and Evaluation Directorate, some 550 persons in all, will devote Monday afternoon to a special emphasis on the Equal Employment Opportunity (EEO) program.

Purpose of the program (two identical sessions of which will be held at the Community Center) is to educate and motivate both supervisory and non-supervisory personnel to participate actively in achieving Affirmative Action program goals.

T&E Directorate personnel will be divided into two groups, one of which will meet from 12:30 to 2 p.m. and the other from 2:30 to 4 p.m. for this special emphasis on EEO.

Each session will begin with a welcome, opening remarks and the introduction of guests by William E. Hattabaugh, head of the Test and Evaluation Directorate.

"It is easy, in the conduct of day-to-day business," Hattabaugh notes, "to ignore the challenges of an active Equal Employment Opportunity program."

"We must remind ourselves," he says, "whether we are supervisors or those being supervised, that the richness in our cultural heritage is due primarily to the mix of races, creeds, and religious preferences that our country's population enjoys."

"That factor, coupled with our freedom to make economic choices that affect our

TD Award . . .

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wave image, and are collected at a very slow rate (compared to TV scan rates) by three rotating pencil beam antennas that scan the earth's surface below the aircraft.

The geometry of the scanning motion, including the roll, pitch, and yaw motions of the aircraft, must be used to determine and establish a correspondence between the millimeter wave energy emanating from each point on the earth's surface being scanned and the brightness of each picture element in the CRT display.

The MSD developed by Heydlauff accomplishes these functions by digitizing the signals from the MICRAD imaging system and the aircraft's roll, pitch, and yaw signals. After processing the signals for geometry and dynamic range, the brightness of each picture element is determined and stored in a two dimensional digital memory.

The picture element brightness data is read into the memory at the slow scanning rate of the MICRAD imaging system and read out of the memory at the standard TV scan rate; it can be viewed on any standard black and white or color TV receiver.

Heydlauff built into the display the capability to code certain temperatures for certain colors, or to simply make the brightness increase (or decrease) with detected temperatures.

During the special use to which the NWC employee's improved digital moving scene display system for passive millimeter wave radiometric (MICRAD) imaging was put, the sensor was able to see old and new ice and stress cracks in the Arctic ice pack, thus providing a large amount of data heretofore unobtainable by such a method of operation.

Heydlauff, whose first association with NWC was as a co-op student starting in 1974, came here to work fulltime in 1976 after receiving his bachelor of science degree in electrical engineering from the University of Washington at Seattle.

During the past 6½ years, all spent with the same branch in the Electronic Warfare Department, Heydlauff has been involved in signal processing work for millimeter wave radiometric systems.

He designed and built the Micrad Attitude Reference System that is currently under development for the Vertical Seeking Ejection Seat Program.

ability to contribute as citizens, is one that we must not lose sight of in the job situation," Hattabaugh emphasized.

Keynote speaker at the two sessions will be Jettie Wilds, Director of Civil Rights for the U.S. Department of Agriculture/Forest Service, who will present an evaluation of the EEO and Affirmative Action Programs — past, present, and future.

Other participants in the program will be Beto Bernal, NWC's Deputy Equal Employment Opportunity Officer, and Belle Hervey, Federal Women's Program manager, both of whom will provide information about various special emphasis programs linked to EEO that are held here, including Black History Week, Hispanic Heritage Week, and the activities of the local chapter of Federally Employed Women.

The afternoon's agenda will also include a presentation on EEO and the military by Capt. J. E. Doolittle, head of the Military Administration Department, and a talk by Howard Fish, head of the Parachute Systems Department, who also serves as head of the Center's EEO Committee. Fish will focus his attention on EEO functions and ways in which all employees can help in the EEO area.

There also will be a segment of the program devoted to local programs that can impact minority representation. It will be presented by Ann Kurotori, a personnel management advisor in the NWC Personnel Department.

In addition, Leonard Finney ("Mr. Magic"), will perform sleight of hand and magic tricks as visual aids in getting the point across on some of the key areas in the EEO program.

Finney, who is head of the Quality Control Branch in the Engineering Prototype Division of NWC's Engineering Department, will discuss briefly some of the background of the EEO program and how NWC is striving to meet the intent of EEO before using his talent as a magician to hold the attention of the audience while he touches on problems of minority applicants and older persons in finding jobs, the handicap of inadequate job training, and similar problems.

Free immunization clinic set Mon. in Ridgecrest

Another opportunity will be provided for infants, children and young adults (from 2 months through 17 years of age) who are not yet fully protected against common childhood diseases to obtain shots free of charge at a Kern County Health Department immunization clinic.

The next such public clinic to be held in the local area has been scheduled on Monday from 9 a.m. to noon and 1 to 3 p.m. in the Health Department office located at 250 W. Ridgecrest Blvd., Ridgecrest.

No appointments are necessary, but parents or legal guardians must accompany children to the clinic and sign consent forms.



ACTIVE PARTICIPATION — Attendees at a Black History Week Workshop discuss their views of the role of women in the workplace as Mrs. Helena Lewis (in background), who conducted the workshop, hears what Beto Bernal, NWC Deputy EEO Officer, has to say.



DISTINGUISHED VISITOR — Mrs. Helena Lewis, Deputy EEO Officer for the United States Marine Corps., conducted a seminar on women in the workplace and also was guest speaker at the Black History Week banquet held last Friday evening. Mrs. Lewis commented with delight on the degree of sensitivity and awareness shown by the NWC personnel with whom she talked.

Helena Lewis traces history of developments leading to EEO

Eliminating the requirement that a photograph be attached to an application for Federal employment proved a landmark in Black struggles for equality, Helena Lewis, U.S. Marine Corps Deputy Equal Employment Opportunity Officer, stated at the Black History Week banquet last Friday evening at the Enlisted Mess.

That meant that all candidates for work were judged on merit rather than skin color, and it opened the doors to well-qualified persons regardless of their race.

Speaking to the theme of "Yesterday, Today, and Tomorrow," Mrs. Lewis recounted the history of Black employment in the Federal workforce.

Prior to the Civil War, even though 12 percent of all Blacks were free, none worked for the government other than as messengers or laborers. A brief flurry of employment followed the Civil War as a few Blacks were elected to Congress, but by the end of the nineteenth century, Black hopes hit bottom.

The Taft administration (1909-1913) even ruled officially that no government appointments could be made to Blacks because these would be dangerous to racial tranquility.

The emergency of World War I brought some gains to Black government employment, but the requirement for photographs offset any long-term gains

made. At that time, Mrs. Lewis noted, Black file clerks working for the Navy literally had to work behind a screen to hide them from view.

The first solid gains made occurred in the 1930s, but the biggest impetus to Black employment was presented in World War II when the Fair Employment Practices legislation eliminated photographs on applications. Blacks still, however, Mrs. Lewis said, found getting employment in Washington easier than in the field.

Only since the time of Robert Kennedy has there been any concerted effort to encourage Blacks to move toward higher levels of work. The Black workforce is still woefully under-represented at the higher GS grades, according to Mrs. Lewis, despite rumblings now being heard about reverse discrimination.

She feels that the progress that Blacks have made in Federal employment will not be slowed or stopped because the employees are now more sophisticated in their approaches to employment and because many federal managers are now aware of the contributions that Black employees are able to make.

"Blacks still have another mile to run," said Mrs. Lewis, "but now we've got a better track to run it on, and the trophies are much better."

Earlier in the day on Friday, she conducted a workshop on the role of women in federal government employment, presenting a history of women's entrance into the workforce and the present status of women. She talked about the problems of yesterday and today, with the aim of how to moderate the problems of the future.

Mrs. Lewis concentrated on dispelling myths about women's employment, but noted that the 44 attendees at the workshop contributed so much to the discussion that all points she had planned to make were not covered. She especially commented on how surprised and pleased she was about the sensitivity and awareness shown by supervisors who attended the workshop.

The other workshop planned in honor of Black History Week had to be cancelled because of the inability of the speaker to carry out his travel plans.

Strength tests conducted . . .

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high death rate among women sports parachutists, she conducted a study that indicated that about 20 percent of the women tested could not pull a ripcord with enough strength to open a pack requiring only a 22 lb. pull force. Military parachutes require a maximum pull force of 27 lb.

A series of tests done while the Parachute Systems Department was part of the National Parachute Test Range at El Centro, Calif., has shown that men can generate an average parachute ripcord pull force of 117 lb. with the range being from 40 to 210 lb. From this data, it was extrapolated at the time that women would be capable of generating enough force to activate a parachute, but with additional information gathered since, including Dr. Bullock's data, it was determined that further tests using women as subjects should be conducted.

Master calendar kept as aid in scheduling events

In order to avoid, insofar as possible, the scheduling of major special events at the same time and on the same date on the Naval Weapons Center and in the surrounding community, a master calendar of such activities is being maintained by the NWC Public Affairs Office, Code 003.

The responsibility for keeping this calendar up to date has been delegated to Natalie Harrison, the Community Liaison Assistant, who can be contacted by calling NWC ext. 3481.

A major special event is considered to be a meeting, conference, party, celebration, entertainment or sporting event of community-wide interest that will have a minimum expected attendance of 50 persons, or an event involving local officials or other dignitaries who have high public visibility.

Sponsors of major special events are asked to check with Ms. Harrison prior to planning a major special event in an effort to avoid scheduling conflicts. Once this is done, the sponsor is asked to contact the manager of the appropriate Center facility to reserve time and space and complete the proper form requesting use of that facility.

Because the limited nature of facilities in the Indian Wells Valley results in the heavier use of Center facilities by community groups than is typical for a military base, it is the policy of the NWC Command to cooperate fully with community groups in making NWC facilities available, while still complying with the provisions of the Manual for Special Services Recreational Instructions (NAVWPNCENINST 11106.3B) and Department of the Navy Public Affairs Regulations (SECNAVINST 5720.44.)

The series of tests were designed to give strength information using the greatest number of women for a sample, but since there are only three designated female Naval Test Parachutists, it was decided to divide the test into two phases.

The first would use 20 female military volunteers and would consist of testing the force these women could exert during left, right, and both hand pulls of ripcords of two different types of military parachutes. The subjects were suspended above the ground from the harness that holds the parachute to them in order to simulate conditions encountered during bailouts and freefall where the parachutist cannot brace against anything while pulling the ripcord.

The second phase of the test specifies ten premeditated parachute jumps by each of the three female Test Parachutists at NWC for a total of 30 live jumps.

By comparing the forces generated by these parachutists during actual freefall with the results from their ground static tests, the validity of the ground tests can be determined, and appropriate correction factors can be introduced to allow the ground tests for the other 17 subjects to approximate the ripcord forces that they would be capable of exerting on the ripcord if they were in actual freefall conditions.

At present, all ground static tests have been made, and the second phase involving actual live parachute jumps has begun. This phase will conclude this summer, after which careful statistical analysis will be made of the data. Publication of a finished report and presentation of a paper to the Aerospace Medical Association is expected this fall.



PRE-TEST CHECKUP — HM3 Constance Terrell is carefully fitted with test equipment by Lt. John Gilbert of the Biomedical Branch in the Parachute Systems Department before she begins ripcord tests.