

Burroughs Players' '10 Little Indians' to open this weekend

The curtain is going up this weekend on the Burroughs Players' production of "Ten Little Indians." Performances will begin in the Burroughs High School lecture center at 8:15 tonight, tomorrow night, and again next Friday and Saturday night, Feb. 18 and 19.

Written by Agatha Christie, this celebrated melodrama concerns a group of people — a maid and butler and eight guests — who gather for dinner in a weird English country home.

While the guests are assembled for before-dinner cocktails, a voice comes out of the air accusing each of them of murder. One by one, they are killed, each in a different way.

Members of the cast include Charles Creusere as the butler, Kathy Farris as Mrs. Rogers, Deborah Green as Miss Claythorne, Dennis Woolam as Phillip Lombard, and Richard Stedman as Judge Wargrave.

Lisa White will assist director Alan Kubik as student director, Rick Green will serve as technical director, Ramona Bernard is in charge of costuming and Steve Green will handle lighting.

Tickets are priced at \$1.50 for general admission and \$1.25 for students, enlisted military personnel and senior citizens. They can be obtained in advance from cast and crew members, or may be purchased at the lecture center box office before each of the four performances.

Rehearsals begin for China Lake Players' musical, 'Fantastics'

Rehearsals are under way for the China Lake Players' first production of the year, "The Fantastics."

This musical, written by Tom Jones and Harvey Schmidt, was the longest running off-Broadway musical and is the first musical the China Lake Players have undertaken in more than 20 years.

"The Fantastics" is a reverse Romeo and Juliet story. The fathers (played by Randy and LeRoy Carson) of two young people (Karen Karner and David Penrose) want their children to fall in love and so forbid them to see each other.

Of course, the children disobey and, even though true love is never smooth, with the help of El Gallo (Alan Kubik), the mute (Karen Buehler) and two ham actors — Henry (Len Finney) and Mortimer (Mike Hastings) — the lovers find each other.

Dates for the China Lake Players' performance of "The Fantastics" are March 3, 4, 5, 10, 11 and 12 in the Players' hut at 405 McIntire St. Tickets can be obtained from members of the cast or reserved by calling Rosalie Barber at 375-9470.



"IT'S NOTHING MUCH — She's fainted, that's all." Puzzled by the death of yet another guest are (standing, l.-r.) Brett Battles, Dave Craddock, Rus Stedman, Dennis Woolam, Deb Green, Charles Creusere, Ramona Bernard, Mike Burmeister and (in foreground) Bob Schwarzbach, Kathy Farris and Gunnar Anderson. They are pictured in a scene from the Burroughs Players' production of Agatha Christie's "Ten Little Indians" which is to be presented tonight and tomorrow night and Feb. 18 and 19 at 8:15 p.m. in the Burroughs High School lecture center. —Photo by Bill Bennisson

1977 season tickets, patronages, package deals offered by CLOTA

Season tickets, patronages, and package deals, allowing the playgoer a significant savings over single admission prices, can now be obtained for the 1977 season of the Community Light Opera and Theatre Association.

Available at The Importium in Ridgecrest, from Membership Chairman Sue Gardner, and from members of the CLOTA board of directors, season tickets include admission to two musical comedies and a folk-legend with music.

"Dark of the Moon," CLOTA's first production, is presently in rehearsal. It is being directed by Joyce Malby and will be presented at the Burroughs High School lecture center on March 25 and 26 and April 1 and 2. Set in the Smokey Mountains, the play dramatizes the legend of Barbara Allen, the reactions of a superstitious populace to the mystery of witchcraft.

Robbie Robbins will direct "Gypsy," a musical recreation of the life and times of Gypsy Rose Lee. This popular musical comedy is scheduled at the Burroughs High School lecture center in mid- to late June. The CLOTA fall production this year will be directed by Ken Austerman. "On a Clear Day You Can See Forever" investigates the possibility of reincarnation in an entertaining fashion, with brief flashbacks illuminating the previous life of the musical production's heroine.

Tickets for the Gaslighter are still available at the Gift Mart and the Importium in Ridgecrest.

Season tickets for these three plays are priced at \$10 for adults and \$5 for students or senior citizens, while individual ticket prices for each production will be \$4 and \$2. Patronages, giving the donors recognition in production programs for their tax-deductible contributions, are \$20 for a private patronage and \$25 for a business patronage.

Special package deals are also available. A single package, containing a season ticket, a membership in the organization, and a patronage, is available for \$25; while a family package, containing two season tickets, a family membership, and a patronage, is available for \$35. A business package, containing two season tickets and a patronage, costs \$35.

Gaslighter Tickets on Sale
Theater supporters also are reminded that tickets (priced at \$7.50 each) are going fast for the CLOTA Gaslighter, a fund-raising evening scheduled on Feb. 25 and 26 in the Community Center. The evening will include a no-host cocktail hour at 6:30 p.m., a delicious spaghetti dinner cooked by Sue Byrd at 7:30, and laugh-filled entertainment at 8:30.

Directed by Eleanor Lotee, the entertainment will include "Ten Barrooms in One Night," "Curse You Jack Dalton," skits, oltos, blackouts, and songs from CLOTA's finest productions.

Tickets for the Gaslighter are still available at the Gift Mart and the Importium in Ridgecrest.

College display features California artist's work

California artist Judy Hendler is exhibiting her work this month at the Cerro Coso Community College art gallery. Charcoals, pen, ink drawings, ink washes and prints can be seen by the public Monday through Thursday from noon to 7 p.m. and Fridays from noon to 4 p.m.

The artist attended Whittier College and UCLA, where she was graduated with a bachelor's degree in art. She has also studied in Perugia, Italy, and is presently art director for the Neutrogena Corp.

During the past 12 years, Miss Hendler has experimented in a variety of artistic media including painting, drawing, pottery and sculpture.

Enlisted Club dance set

A popular local rock band, the Stump Breakers, will be playing for patrons of the Enlisted Club tonight from 9 until 2 a.m.

There will be a special Valentine's dinner of prime rib of roast, served with all the trimmings from 6 to 8:30 p.m.

SHOWBOAT

MOVIE RATINGS

The objective of the ratings is to inform parents about the suitability of movie content for viewing by their children.

(G) - ALL AGES ADMITTED

General Audiences

(PG) - ALL AGES ADMITTED

Parental Guidance Suggested

(R) - RESTRICTED

Under 17 requires accompanying Parent or Adult Guardian

CS - Cinemascope

STD - Standard Movie Screen

Regular starting time—7:30 p.m.

Program subject to change without notice — please check marquee.

FRI. 11 FEBRUARY

"BLOOD, SWEAT AND FEAR" (90 Min.)

Lee J. Cobb, Franco Gasparri (Action Drama) In the never ending cat and mouse game between law and disorder, this film tells of a young narcotics cop (Gasparri) trying to break up a large drug ring in Milan. His hatred for pushers is intensified when several of his contacts are brutally murdered. A young girl trying to kick the drug habit befriends Gasparri and, while he is trying to help her, she is caught by the mob and becomes a pawn for them. Out of desperation Gasparri begins a relentless attack knowing in advance that he could be next. (PG)

SAT. 12 FEBRUARY

"JACKSON COUNTY JAIL" (84 Min.)

Yvette Mimieux, Tommy Lee Jones (Action Drama) Mimieux, driving across country, befriends a young couple who steal her car and leave her stranded. When she asks for help at a near-by bar, the owner tries to attack her. Then police arrive and escort her to jail when she can't produce identification. In jail she meets Tommy Jones, wanted for murder. When she ignores the night guard, he later rapes her. Mimieux, crazed by the attack, beats the guard with a stool. She and Jones flee, making their way to a deserted farmhouse where he urges her to go underground. She wants to give up and confess. Police track them down, chasing them finally to a small community where Mimieux is wounded and Jones is killed by police in the middle of a Bicentennial parade. (R)

MON. 14 FEBRUARY

"NO DEPOSIT NO RETURN" (111 Min.)

David Niven, Barbara Feldon (Comedy) Faced with the unpleasant prospect of spending another vacation with their grandfather while their mother (Feldon) manages business affairs in Hong Kong, two youngsters (Kim Richards and Brad Savage) concoct a scheme in which they fake their kidnapping and demand a ransom from their wealthy grandfather (Niven). Part of the ransom money will go for two plane tickets to the Orient where they plan to meet their mother and the rest will go to two unucky agents (McGavin Knotts) who were conned into assisting them. This film is fast moving and the high jinks should prove entertaining. (G)

WED. 16 FEBRUARY

"DIRTY HANDS" (101 Min.)

Romy Schneider, Rod Steiger (Drama) This film is the story of an attractive woman (Schneider) married for 18 years to Steiger. She is unhappy with their marital situation. Aside from having a drinking problem, Steiger is suffering from sexual impotence. Schneider becomes attracted to a young neighbor, a good looking writer. They become lovers and together plot Steiger's murder. Unknown to them, their plan had been overheard by Steiger, who sets into motion a plan of his own. This film is action-packed and tension mounts as the hunted becomes the hunter. (R)

FRI. 18 FEBRUARY

"HUSTLER SQUAD" (98 Min.)

John Ericson, Karen Ericson (Drama) During World War II in the South Pacific Islands, Americans get information that the Japanese are going to have their top brass meet on an island to discuss the latest in warfare tactics. In order to eliminate as many top men as possible, the Americans devise a plan whereby they furnish the brass with female entertainment in order to find out all necessary information. Four girls from various walks of life are selected and trained how to kill silently and efficiently. Their assignment is to eliminate the Japanese military leaders while entertaining them. With much bloodshed and plenty of action their job is accomplished. (R)

U.S. Government Printing Office: 783-056 — No. 1013

From: _____

To: _____

PLACE STAMP HERE

Firemen cited for saving life of local man

Letters of commendation were presented Tuesday morning to four men of the NWC Safety and Security Department's Fire Division whose actions this past Jan. 15 were directly responsible for saving the life of a heart attack victim.

The presentations were made on behalf of Rear Admiral R. G. Freeman III, Naval Weapons Center Commander, by W. E. Davis, Director of Safety and Security, and Fire Chief W. R. Knight to Lts. John Howard and Larry Kuster, James Crow, a firefighter, emergency medical technician, and to Paul Hupka, also a firefighter.

When the four men responded to a call for assistance to 30-A Vieweg Circle, China Lake, shortly before 1 p.m. on Jan. 15 they found Ronald Vigneault (of that address) lying in the driveway of his home where he had collapsed a bit earlier.

First To Reach Scene

Mrs. Vigneault had summoned help for her husband, and both an ambulance and rescue truck were dispatched from the Fire Station No. 1. Lt. Kuster and Firefighter Crow were first to reach the scene in the ambulance and began cardiopulmonary resuscitation procedures that (eventually) were successful in reviving the stricken man, whose vital signs had ceased.

Oxygen was administered from a resuscitator and compression of the chest by Firefighter Crow and Lt. Kuster, respectively. Upon the arrival of the Fire Division rescue truck, then acting Capt. Howard relieved Lt. Kuster in continuing the regular chest compression that was necessary, and Firefighter Hupka assisted throughout the cardio pulmonary resuscitation (CPR).

CPR Procedures Continued

Without a break in CPR, Vigneault was placed into the ambulance and transported "Code 3" to the Ridgecrest Community Hospital emergency room.

The same life saving procedures that were administered at the outset were continued in the ambulance enroute to the hospital, where a doctor and other medical

(Continued on Page 3)

Tests of helicopter deicing system being conducted here

A combined Civil Service and military team, supported by contractor personnel, has spent the past six weeks here preparing to conduct simulated and natural icing tests of a helicopter deicing system.

Ironically, with winter weather at its worst in the northern and eastern parts of the U.S., Phyllis Kitchens, the project engineer, was sent here from the U.S. Army Air Mobility Research and Development Laboratory (USAAMRDL) at Fort Eustis, Va., to prepare for the icing tests, which will be conducted in Ottawa, Canada, later this month.

The test team is made up of personnel from other agencies, including three test pilots and nine contractor employees from the Lockheed-California Co. in Burbank, headed by Dick Cotton, as senior engineer.

The pilots are Lt. Mike Hill, from the Naval Air Test Center, Patuxent River, Md.; Capt. Eugene Mace, from the Army Aircraft Development Test Activity, Fort Rucker, Ala., and David Thomas, who is employed by the Federal Aviation Administration, New England Region.

An Army UH-1H helicopter was modified to equip it with an ice protection system designed and installed by Lockheed-California under contract to the Eustis Directorate, USAAMRDL. An electrothermal cyclic deicing system has been installed on the main and tail rotor blades, and a heating blanket applied to the stabilizer bar and tip weights.

The standard Huey plexiglass windshields have been replaced by heated



Naval Weapons Center
China Lake
California

Two dept. heads to exchange jobs in move to broaden experience of key personnel

The initial implementation of a Naval Weapons Center policy that is aimed at broadening the experience, background and skills of senior management personnel was announced this past Monday by Rear Admiral R. G. Freeman III, NWC Commander, and Dr. G. L. Hollingsworth, Technical Director.

Effective on Sunday, Feb. 20, Burrell Hays will assume the responsibilities of head of the Propulsion Development Department, while Dr. G. W. Leonard will become head of the Engineering Department.

The policy of mobility of senior managers at the Center is motivated by the firm belief of NWC's top management that the capabilities and effectiveness of such key personnel will be enhanced by expanding their experience. Further, Center management believes that professional development of employees must be continued throughout their careers.

More Changes Expected

More such individual changes in leadership are expected to benefit the involved organization by infusing new ideas and new styles, thereby insuring a continued dynamic approach to department operations.

Future plans call for other work assignment changes on a highly selected basis where the individuals agree that it would be to their personal benefit, as well as to the benefit of the Center, to make such a move.

In addition, it is planned (periodically) to send one of NWC's senior managers on a development tour to another government agency in order to broaden the perspective



DEPARTMENT HEADS SWITCH JOBS — In a turnabout that will be effective on Sunday, Feb. 20, Dr. G. W. Leonard (at left) and Burrell Hays (at right) will become the new heads of the Engineering and Propulsion Development Departments, respectively. The two men are shown discussing this change, which is in line with a Center policy on senior management personnel mobility, with Dr. G. L. Hollingsworth, NWC Technical Director. —Photo by Ron Allen

of Center management. Beginning in June, Carl Schaniel, long-time head of the Weapons Planning Group, will be going to Washington for a year-long stay in the Office of Deputy Director for Tactical Warfare Programs. This office comes under the Department of Defense Director of Defense, Research and Engineering.

The intent behind such moves is to broaden the perspective of department heads and other senior management personnel, and also allow flexibility at this level of the Center's operations.

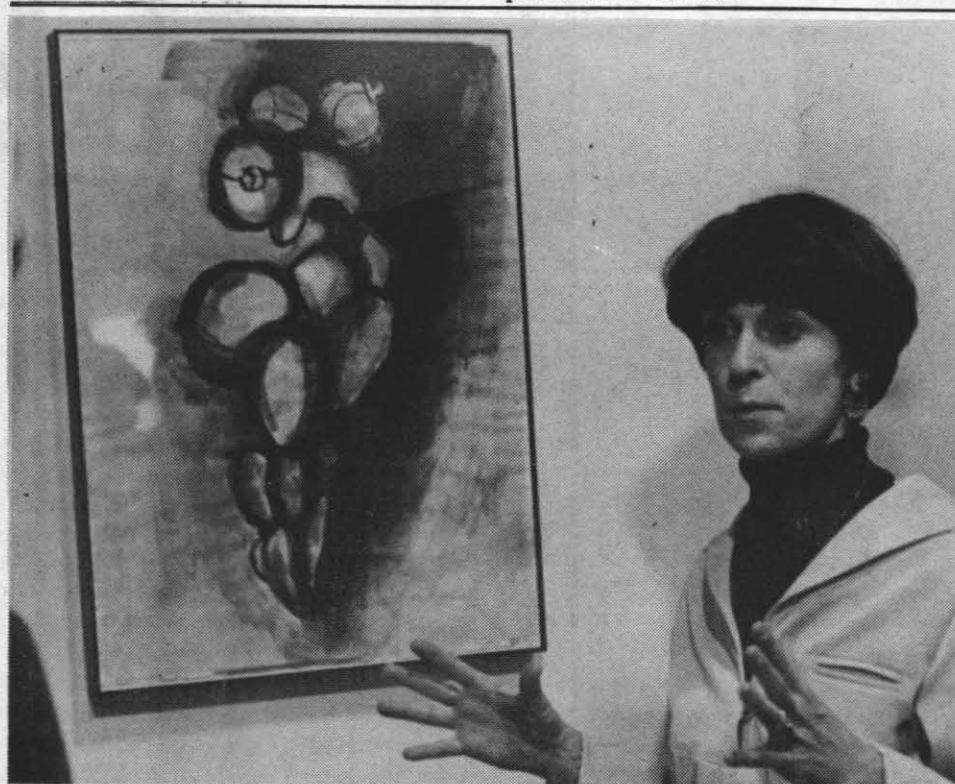
This action pertaining to the rotation of key personnel was discussed nearly a year ago during meetings held by RAdm. Freeman and Dr. Hollingsworth with key

personnel in the technical and support departments. At that time it was noted by the Center Commander that one of the jobs he and Dr. Hollingsworth have in managing an activity of this size is looking for the next generation of branch, division and department heads.

"Stability says," RAdm. Freeman commented, "that it's nice to work in the same shop forever. If I stay here long enough, I'll be department head. This doesn't happen very often," it was added.

"We have adopted a policy that we will move key managers," the Center Commander explained, and suggested that this process must begin at the lowest level of

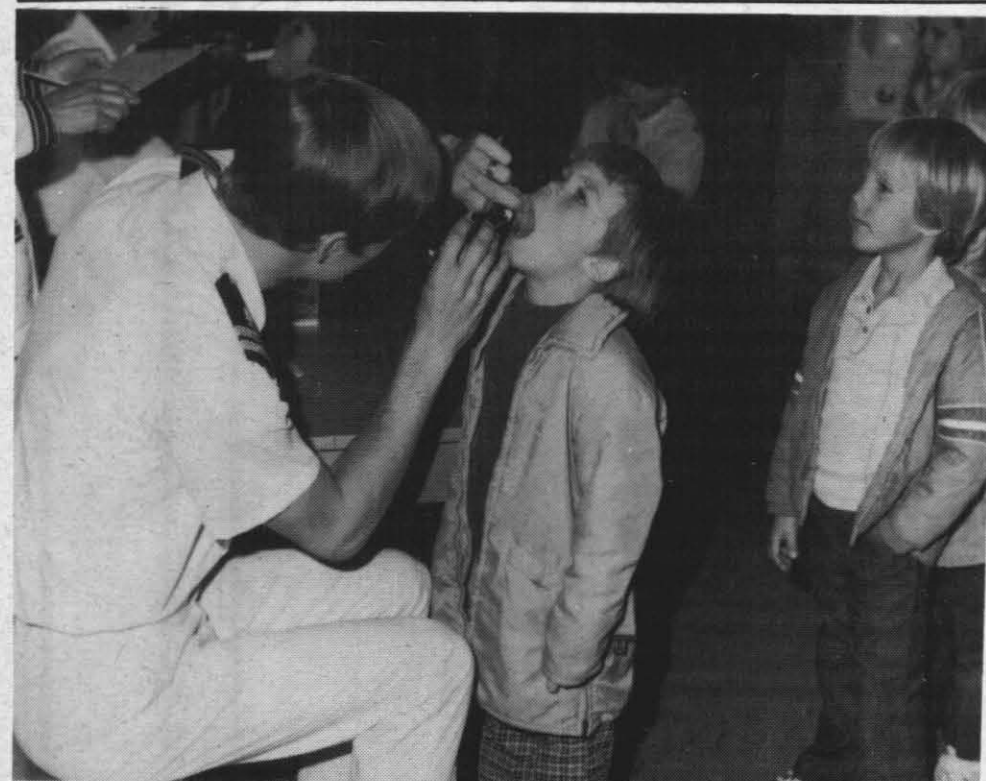
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THE ARTIST AND HER WORK — Judy Hendler talks about one of her paintings. A collection of her charcoals, pen and ink drawings, ink washes and prints is on display this month at the Cerro Coso Community College art gallery.



HELICOPTER DEICING SYSTEM TESTED — Two contractor personnel from Lockheed-California (Bob Lennard, at left, and Ralph Metcalf) are shown closing up the instrumentation package atop the main rotor mast of a UH1H "Huey" helicopter in preparation for conducting tests of the "chopper's" deicing system. Other members of the test team involved in this work are (l.-r.) Army S/ Sgt. Vern Taylor, helicopter crew chief; Navy Lt. Mike Hill and Army Capt. Eugene Mace, test pilots, and Steve Kiser (back to camera), an instrumentation engineer from Lockheed. At far right are two more contractor employees — Dick Hillman, an instrumentation technician, and Len Macy, flight test engineer. —Photo by Sam Wyatt



LOOK, MA! — Lt. D. T. Crandell, of the Branch Dental Clinic, Naval Regional Dental Center China Lake, checks the teeth of a youngster attending Richmond School as part of a two-week-long program during which all kindergarten through sixth grade students in the Sierra Sands Unified School District are receiving dental screenings from local community and Navy dentists. Lt. Crandell was assisted by DN John Pedreira. Another Navy dentist, Cdr. Arthur Sanders, head of the Branch Dental Clinic here, also took part in the dental screening program, which will end next Wednesday. Volunteers from each of the schools' PTA organizations and the Inyokern Parent's Club are assisting with this screening effort. Although the short inspection is no substitute for a regular visit to the dentist, parents will be notified by mail if a defect is found in the teeth of their children. —Photo by Ron Allen

NWC employee earns M.S. degree from Naval Postgraduate School

Ernest Solberg, who is currently involved in management studies for the Office of Finance and Management, recently received a master's degree with emphasis on financial management from the Naval

Postgraduate School in Monterey. Solberg, who came to China Lake in the early part of 1969 to work as a computer systems analyst in Central Staff, was head of former Code 17's Management Data Processing Section when he left here for Monterey. His studies there included courses in managerial accounting, financial decision making, procurement policies, and financial management in the Navy.

A graduate of North Dakota State in 1951 with a BS degree in mathematics, Solberg later entered the Navy via the Officer Candidate School program and spent five years on active duty, including a year's study in the field of aerology at the Naval Postgraduate School.

Before joining Civil Service in 1969, Solberg was employed in private industry for several years. Among the firms he worked for were Armo Steel and the Martin Co., both in Denver, Colo. He also was employed as the systems and procedures manager for the Oregon State Board of Higher Education in Corvallis.



Ernest Solberg

Postgraduate School in Monterey. Solberg, who noted that he was the only person not in uniform at the graduation ceremony, is the first Naval Weapons Center employee to receive a master's

The Rocketeer

Official Weekly Publication
Naval Weapons Center
China Lake, California

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DEADLINES

News Stories Tuesday, 4:30 p.m.
Photographs Tuesday, 11:30 a.m.
The Rocketeer receives Armed Forces Press Service material. All are official U. S. Navy photos unless otherwise identified. Printed weekly with appropriate funds by a commercial firm in compliance with NPP-R P-35, revised January 1974. Office at Nimitz and Lauritsen. Information published in the Rocketeer does not necessarily reflect the official views of the Department of Defense.
Phones 3354, 3355, 2347

Promotional opportunities

Unless otherwise specified in the ad, applications for positions listed in this column will be accepted from current NWC employees and should be filed with the person named in the ad. All others desiring employment with the Naval Weapons Center may contact the Employment-Wage and Classification Division, Code 092, Ext. 2049. Ads will run for one week and will close at 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ad. Employees whose work history has not been brought up to date within the last six months are encouraged to file a Form 171 or 172 in their personnel jacket. Information concerning the Merit Promotion Program and the evaluation methods used in these promotional opportunities may be obtained from your Personnel Management Advisor (Code 096 or 097). Advertising positions in the Promotional Opportunities column does not preclude the use of alternate recruiting sources in filling these positions. As part of the rating process, a supervisory appraisal will be sent to the current supervisor and the most recent previous supervisor of those applicants rated as basically qualified. The Naval Weapons Center is an equal opportunity employer and selection shall be made without discrimination for any nonmerit reason. The minimum qualification requirements for all GS positions are defined in CSC Handbook X-118, while those for all WG, WL and WS positions are defined in CSC Handbook X-118C.

Motor Vehicle Operator Foreman, WS-5703-8, JD No. 7470061E, Code 26782 — Position is that of head, Heavy Truck Section, Operations Branch, Transportation Division. Incumbent supervises the transportation of heavy materials and equipment—armored steel, cement target blocks, barricades, bulldozers, scrapers, tanks and tank retrievers, cranes, airplanes, etc. by heavy tractor and semi-trailer combinations; performs supervisory administrative duties in areas of planning, personnel, safety, training, etc. Applicants must possess enough knowledge and abilities in the following elements to perform the duties of the position in the trades supervised. Ability to supervise, technical practices, ability to interpret instructions, knowledge of materials, knowledge of pertinent tools and equipment. File SF-172 and supplemental wage grade supervisory information sheet with Code 097 to be received or postmarked not later than March 8, 1977. Forms may be obtained in Rm. 100 of the Personnel Bldg.

File applications for the above with Ginger Hamaty, Bldg. 34, Rm. 212, Ph. 2022.

Supervisory Budget Analyst, GS-540-12, PD 7708012, Code 083 — This position is the head, Resource Management Branch B in the Programs and Budget Division of the Office of Finance and Management. The incumbent assists in the management of the division by providing leadership in financial policies and personnel supervision; leads small groups in the study and analysis of complex financial problems; assists the division head in reviewing and developing processes and procedures to provide the most financial training to division heads and other NWC employees. Job Relevant Criteria: Must have demonstrated ability to solve complex financial problems; must be able to supervise a small professional staff; must be able to interface with all levels and types of personnel; must be able to articulate effectively both orally and in writing. Promotion potential to GS-13.

Computer Contract Service Coordinator, GS-301-9, PD No. 7708099, Code 0801 — This position is located at the Computer Science Corp. in Ridgecrest. Incumbent is responsible for maintaining liaison between NWC and CSC relative to all services performed by the contractor for all NWC departments; coordinates technical and procedural problem solving; checks contract task orders for adequacy; reviews billings; serves as consultant / advisor to the Evaluation Review Board; coordinates and submits NWC ADP reports to higher authority; prepares budget submission and quarterly ADP expenditure reports. Job Relevant Criteria: Broad administrative / management experience; tact in dealing with senior personnel; ability to work independently; knowledge of ADP systems; an understanding of the current contract terms. Promotion potential to GS-11. Status eligible to be considered.

File applications for the above with Tina Lowe, Bldg. 34, Rm. 204, Ph. 2474.
Clerk-Typist, GS-322-3 / 4, PD No. 7439031N, Code 3921 — The incumbent of this position performs clerical and secretarial duties for the head of the Weapons Control Branch, Weapons Development Division, Weapons Department. Duties entail the typing and screening of correspondence, reports and forms; receptionist duties; files maintenance; and the performance of other clerical functions, such as preparation of time cards, requests for supply actions, arranging travel, etc. Job Relevant Criteria: Ability to type accurately and efficiently; experience in clerical and secretarial functions; demonstrated ability to deal tactfully and effectively with both the public and all levels of NWC employees.

File applications for the above with Marge Stanton, Bldg. 34, Rm. 206, Ph. 2723.



BENEFICIAL SUGGESTION AWARD — Capt. W. F. Daniel (at left), Public Works Officer, recently presented a \$245 Beneficial Suggestion Award to Robert S. Geeting, an architect in the Engineering Division of Code 26. The award was for suggesting an improved method for inspecting the interior connections of the Center's water reservoir tanks. The labor and energy savings of his method was estimated to be \$5,526 and a time savings of 24 days.

Supply Clerk, GS-2005-4, PD No. 7735013N, Code 355012 — This position is located in the Administrative Staff Office, Countermeasures Division, Electronic Warfare Department. The incumbent supervises the transportation of engineers and technicians in the area of materials and parts requisitions for electronic and mechanical equipment at EWTEs; will additionally assist a mechanical engineering technician in the acquisition and maintenance of spare parts for the radar threat simulators located at EWTEs; will review all material requests for correctness of format, accounting job order and RWR program details. The incumbent will guide a library of sources, companies, technical manuals, guides, center instructions and booklets for the purpose of providing a fast and efficient means at EWTEs for itemizing, identifying and ordering parts, equipment and supplies from correct sources, and will additionally coordinate the use of vehicles at EWTEs. Promotion potential to the GS-5 level. Job Relevant Criteria: Knowledge of supply requisition procedures and of supply documentation requirements; an ability to perfect and maintain an efficient reference material system; effective oral and written communication ability and operations.

Electronics Engineer, GS-855-9 / 11, or Computer Specialist, GS-234-9 / 11, PD No. 7435045, Code 352 — This position is located in the Avionics and RWR Services Division, Electronic Warfare Department. The incumbent is responsible for the design, development and evaluation of complex software programs for use in various airborne computers. He not only performs these tasks himself, but also directs and evaluates contracted efforts in accomplishment of them. The software programs will be utilized by radar and RWR systems and duties involve software activities encompassing the entire system life from inception through Fleet support. The incumbent will be required to utilize computer programming languages such as Fortran and lower order languages such as assembly and machine in the development of the programs. Job Relevant Criteria: Knowledge of microcomputer design and architectures; ability to design large complex programs utilizing complex equations and algorithms, and ability to program in Fortran, assembly and machine language. Promotion potential to GS-12.

Police Dispatcher, GS-301-3, PD No. 7584007N, Code 2413 — This position is located in the Police and Security Operations Division of Safety and Security Department. Incumbent performs dispatching duties for China Lake Police Division and maintains radio communications with NWC guard posts, the Fire Division, Naval Investigative Service, and off-Center police agencies; coordinates and controls radio traffic between police units; responds to requests for assistance by police units and / or notifies appropriate source; furnishes requested information to the public or refers to appropriate authority. Job Relevant Criteria: Ability to communicate clearly, both orally and in writing; demonstrated tactfulness and diplomacy; experience in radio communications; ability to work effectively in stress situations. Promotion potential to the GS-4 level.

File applications for the above with Charlotte Sieckowski, Bldg. 34, Rm. 204, Ph. 3118.
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DIVINE SERVICES

PROTESTANT
Sunday Worship Service 1015
Sunday School — All Ages 0900
Wednesday Noon Bible Study 1130
Sunday School Classes are held in Chapel Annex 2, 2, 4 (Dorms 5, 6, 8) located opposite the former Center Restaurant.
Communion Service First Sunday of the Month.
ROMAN CATHOLIC
MASS
Saturday 1700 fulfills Sunday obligation
Sunday 0700 0830 1130
Daily except Saturday, 1135, Blessed Sacrament Chapel
CONFESSIONS
Daily 1115 to 1130
Saturday 1615 to 1645
Sunday 0800 to 0825
RELIGIOUS EDUCATION CLASSES
Sunday Pre-school thru 6th grades 1015
Wednesday Kindergarten thru sixth 1530
Sunday Seventh & eighth 1900 (Junior High)

Above classes are held in Chapel Annex across from the former Center Restaurant.
As announced Ninth thru 12th grades
"In Home" Discussion Groups
Monthly 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

Intramural play . . .

(Continued from Page 6)

point effort by Bob Parsons. The winners had a 29-16 lead at the half, and were never headed throughout the contest. John Lamarr tallied 15 points for the Lobos.

On Wednesday, Feb. 2, NWC pulled out an exciting, 51-50, victory over Desert Motors in the final seconds of the first game of the night. Desert Motors was down by three points at the intermission, but staged a late rally and fell short by just a single point. Kelvin McSwain led the winners with 17 points, while Rich Blosser had 14 for Desert Motors.

In the second game of the evening, Loewen's No. 2 fought off a stubborn Speedsters team to score a 62-53 victory over their "B" Division rivals. The Speedsters trailed by a 29-25 tally at the half, but each time they battled back to narrow the difference, Loewen's would tighten its defense and hold them off. The winners were led by Gordie Irvin and John Martin, with 20 and 18 points respectively, and Brett Fisher contributed 16 points to the Speedsters' cause.

"C" Division action that night saw the Wasps defeat the Outcasts by a score of 44-30. Nick Johnson tallied 12 points for the Wasps, who took an early lead which they never relinquished. Tim Martin looped in 11 for the Outcasts.

Dowd Scores 30 Points

Loewen's No. 1 and Kern River Tours hooked up in an "A" Division game to lead things off on Thursday night, Feb. 3. Behind a 30 point scoring performance by Dale Dowd, Loewen's came out on top, 82-65, after scoring 41 points in each half. Robert Jones was high point man for Kern River, with 20.

The Muthas crushed the Gamecocks, 50-15, in the evening's "B" Division contest, by virtue of scoring 25 points in each half. The Gamecocks were limited to 15 points the first half and 9 after the intermission. The winners were paced by three players with 10 points each: Frank James, Tom Dodson and Marv Goodman. John McGinnis had 6 for the Gamecocks.

The Royals made their sparkling record 8-0 with a 33-27 win over the Gasbags to close out league action for the week. The first-place Royals were paced by Harry McCoy's 16 points, while Pat Hall scored 8 in a losing effort for the Gasbags.

Burros lose . . .

(Continued from Page 6)

when the buzzer sounded at the end of the first period, but the Burros dominated the scoring in the second stanza as they built up a 43-35 halftime lead.

The Burros continued to be in good shape (scorewise) until the final 2 min. of the third quarter, when steady scoring on the part of the Sun Devils whittled away at what had once been a 10-point lead by Burroughs, and the locals had to fight to stay on top, 61-59, at the end of the third period.

In the hectic final 8 min. of the game, the lead changed hands nine times and was tied three times. With less than 50 sec. left to play, a field goal by Washburn put the Burros out in front, 78-77, but it was the last time they were to lead in the game.

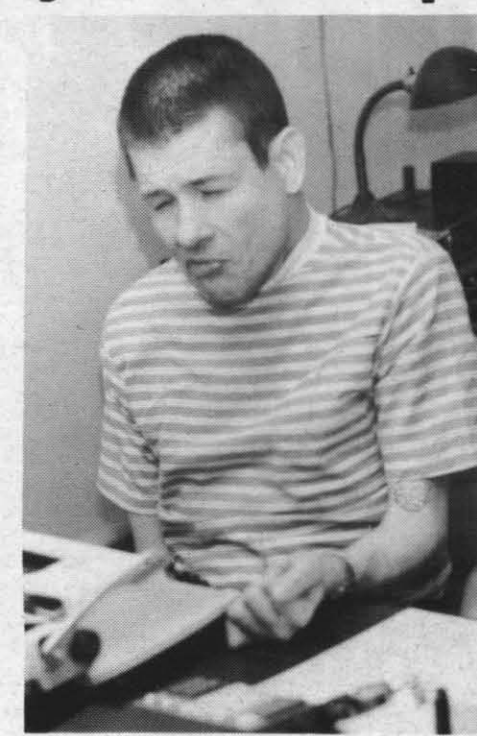
Moments later, a stolen ball that led to a field goal for the visitors was followed by two free throws and the Sun Devils were back on top, 81-78. Two charity tosses by Campbell of Burroughs cut the visitors' lead to 81-80, but the Sun Devils cashed in on four more foul shots in the last 20 sec. of the game to win, 85-80.

Doug's Corner . . .

(Continued from Page 6)

The club's under-14 team has scheduled a match with a Granada Hills team at Cal State Northridge on Sunday at 1:30 p.m. Representatives of this club for youngsters have been involved in discussions with teams in Lancaster and San Gabriel in order to determine a possible schedule of games, and, although its roster is currently filled, youths interested in becoming reserves should attend the workouts on Saturdays at 3 p.m. at Davidove Field.

Employee in the spotlight



Don Kusterer

One way or the other, just about everybody in the local area knows Don Kusterer, either by name, or, when they recognize the electric car he drives around town — universally known as the "yellow thing" — by sight.

Don, who works as an operations research analyst for the Weapons Planning Group, is a China Lake "old timer" with an unabashed affection for his community and for the friends he has here. And he has an equal devotion to science, as his outside interests demonstrate.

As a boy, Don never doubted that he would have a career in science, and gives a good deal of the credit for his success to teachers — first in Chicago, Ill., and later at a special school near Baltimore, Md., for victims of cerebral palsy — who worked around his disabilities (Don can't use a pencil, for instance) and insisted that he master spelling, arithmetic and the other basics.

"I needed these basic skills more than able-bodied people," recalls Don, "and my handicap was almost an advantage in learning math, because while my teacher was putting the problem on the board and the other kids were writing along with her, I was thinking."

Thoughts on Education

As a result of these experiences, Don describes himself as "something of a conservative in education." Five or six years ago he visited a center for handicapped children in the East, and was distressed to learn that while excellent facilities existed there for physical rehabilitation, only minimal efforts were made in special education for the kids.

With an interest in science spurred by his hobby in short wave radio, Don received B.A. and M.A. degrees in physics from the University of Iowa, the latter in 1951. He began his career at China Lake that same year in what is now Code 12, and has worked with the same group ever since, through several of its name and code changes. Presently, he uses performance, test and combat data to evaluate Navy weapons and their employment.

There's been an evolution in the field of operations research analysis over the years, according to Don. "In the old days," he says, "we did smaller problems that involved 'quick and dirty' calculations on the back of an envelope, but now we are into mission philosophy and long-range planning. Whereas earlier we might have done what was basically an ad hoc, essentially simple analysis of a rocket's performance, today we might look at the mission of the Navy over the next 25 years."

Looking back over his career here, Don reflects, "China Lake has been a pretty exciting place and I'm glad to have been associated with some of the 'old-timers' in Navy ordnance. The excitement comes from a combination of being among people who are involved in advanced technology — a field which I find fascinating — and from a job which you know is contributing to your nation's defense effort."

Don feels that, on the whole, the Civil Service is probably fairer to handicapped employees than is private industry,

"although I don't like to get on a soapbox about this." He has felt the sting of discrimination, having been asked, years ago, to leave a job he held in an electronics firm because of his disability.

A charter member of the China Lake Astronomical Society (founded 1958), Don became "hooked" on that science because he had an interest in tracking the early Russian and American space satellites, and learned he had to know something about the stars in order to find and describe the positions of the beeping objects he sought. He presently serves as the group's vice-president.

Says Don, "I feel that when I'm reducing results taken from the timing of an occultation of a star by the moon that I'm making some kind of a contribution to science. I also feel that the other things that we do at the club contribute to promoting an understanding and appreciation of astronomy by the public, young and old — I know this sounds pretty corny, but there's still some satisfaction in this."

Music, Science Interests Mix

Even Don's interest in classical music is mixed with his enthusiasm for science, because he used to design his own hi-fi systems. Some relics of these still nestle in among the short wave radio equipment and other miscellaneous electronic gear that occupies a good portion of the living room at his Dobb Rd. address.

If pressed, Don will dredge up memories of his "spotty chess career" here during the early 1960s, the highlights of which were "beating a rather highly-rated player in a Pasadena tournament, and then losing to a nine-year-old in Riverside." He still professes a love for the game, however.

Although born in Cary, Ill., Don says that "China Lake is as much hometown as I've got," and his family and friends here certainly verify that statement. Don's mother and father, Kathy and Walt Kusterer, are retired and live in a mobile home in Ridgecrest.

"I have a very positive feeling about my community," concludes Don, "and I really appreciate all the friends I have here. Just about everybody knows me and they're always willing to help — and I do get lots of help. It's the people who make this area my true hometown."

Center employee heads 1977 Girl Scout fund drive

Jerry Zaharias, an employee of the Naval Weapons Center's Code 3132, is serving as the general chairman of the 1977 Sustaining Membership Enrollment campaign for the Joshua Tree Council of the Girl Scouts, it was announced recently.

The fund drive will continue through Feb. 21, and is directed toward families of Girl Scouts and friends of Girl Scouting in the community. Goal of the drive this year is \$25,000. The council's jurisdiction includes Kern County and portions of Los Angeles, San Bernardino, Santa Barbara, San Luis Obispo, Ventura and Inyo Counties.

Thomas Leese, an employee of Code 312, is serving as Twin Valleys District Supervisor for the drive. Twin Valleys includes the areas of Ridgecrest, Inyokern, China Lake and Trona. Assisting Leese as neighborhood captains are Mrs. Muriel Strayer, Lt. Col. Don Miller of the Marine Corps Liaison Office at China Lake, and George Hess, of Trona.

According to Zaharias, "The S.M.E. drive is an opportunity for parents to show that they appreciate what Girl Scouting is doing for their daughter. Also, it is a time when interested citizens can show that Girl Scouting is making their community a better place in which to live."

Funds raised during the campaign will be used by the Council for troop maintenance and development, services to troops and individual girls, as well as for special events, girl and adult education courses, volunteer recruitment and administration services.



GAVEL CHANGES HANDS — New officers of the Chief Petty Officers' Wives were installed during a ceremony held last Friday night at the CPO Club. Kathleen Vander Houwen, the new president, is shown above accepting the president's gavel from her predecessor, Norma Pickens. The other new officers are (l.-r.) Jan Quinn, vice-president; Clessie Schmidt, secretary, and Linda Hardman, treasurer. The installing officer was Mrs. Dottie Freeman, wife of the NWC Commander, who is shown in photo at left as she read from a scroll on which were outlined the duties of president of the CPO Wives Club. A pledge to fulfill such obligations to the best of her ability was answered in the affirmative by Mrs. Vander Houwen.

Burroughs varsity hoopsters drop two more

Burroughs High School's varsity basketball team, which has found the going much more difficult in the second half of the Golden League season than in the first, dropped a pair of home games to Antelope Valley and Apple Valley this past week.

Last Friday night, the Burros lost a 64-63 thriller to the Antelopes from Lancaster, and on Tuesday evening were outscored, 85-80, by the visitors from Apple Valley High School.

Next game for Burroughs will be at Barstow on Tuesday, and the league season will end at home next Friday night when the locals will host Quartz Hill.

Varsity Coach Larry Bird's charges got off to a slow start last Friday, being outscored 16-10 by their opponents in the first quarter, but came back strong with a 20-point effort in the second period, which ended with the visitors from Antelope Valley holding a slight 3-point edge — 33-30.

After 3 minutes had been played in the third stanza, the Burros regained the lead at 38-37 for the first time since early in the contest, and the stage was set for the heart-stopping finish that was to come.

The score was tied three times in the third period, which ended with both teams even at 46-all and all the marbles still at stake as the final 8 min. of play began.

Burros Hit Scoring Slump
The Burros broke the tie with two quick field goals by Hugh Washburn, but hit a scoring slump after leading 54-51. The Antelopes took advantage of this turn of events by ringing up 10 unanswered points, which gave them a 61-54 lead just prior to the 3 min. mark.

A pair of free throws by Kevin Silberberg and two clutch outside shots by Benny Vick left the Burros trailing 60-61 as pandemonium broke loose in the local high school gym.

The Antelopes, who outhit the Burros 22-15 at the free throw line, won the game on charity tosses during the final minute of play. Kevin McGaughy hit on half of a 1-and-1 situation when Washburn fouled out of the game, and the Antelopes sent Gerald Volk to the line to collect on a technical foul that was called because Allen Robertson, (Washburn's replacement) forgot — in all the excitement — to report to the scorekeeper before going onto the court.

Another free throw was then sunk by the Antelopes' Mike Tolliver and suddenly the Burros were down by 4 points, 64-60. It wasn't over yet, however, for, with less than 30 sec. remaining before the final buzzer, Robertson was fouled and tallied a single point from the charity stripe and Silberberg hit a field goal that accounted for the final 2 points in the game.

Terry Clymore was the game's top scorer, with 20 for Antelope Valley. Others in the double-figure scoring column for the

Topnotch intramural basketball teams win easily in play at gym

The more powerful teams in the Intramural Basketball League showed their strength last week in a number of games which were hard-played but not-so-close.

A tight, see-saw battle did kick off things, however, on Tuesday night, Feb. 1, when FAC No. 1 and NWC met in an "A" Division contest. NWC held a 21-14 lead at half time, but the FAC cagers fought back doggedly after the intermission and managed to send the game into overtime. FAC then scored five straight points and carried off a 46-42 victory. Butch Reed led the winners with 15 points and Marvin Rowe had 11 for NWC.

In the evening's "B" Division affair, the Space Mud quintet defeated Homestead by a score of 53-39. Homestead put forth a well-rounded offensive effort, however, as four of its members — Larry Stensaas, Robert Carter, Charles Guilnette and John Howard — scored 6 points apiece. Al Sorenson led Space Mud with 17 points.

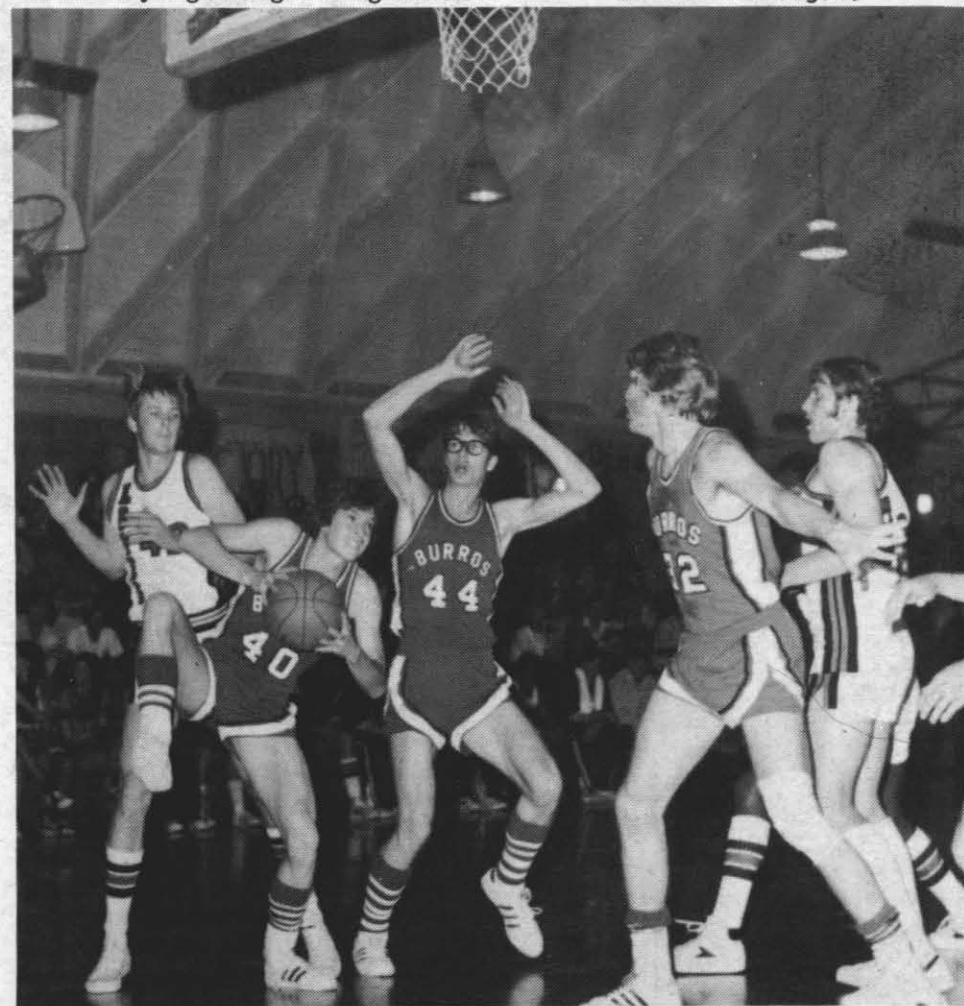
The No Names trounced the Lobos, 66-37, in the final game of the night, thanks to a 16-

(Continued on Page 7)

visitors were Volk (18), and McGaughy and Mike Tolliver (10 each).

High point men for Burroughs were Silberberg (18), Vick (16) and Washburn (10). The Burros, who out-rotouted the Antelopes 44-41, were led by Campbell with 11. In addition to snaring his share of the caroms, Campbell accounted for 9 points.

In Tuesday night's high-scoring contest



HIGH STEPPING HOOPSTER — A look of sheer determination registered on the face of Benny Vick (No. 40), stellar guard for the Burroughs High varsity basketball team, as he latched onto the ball in last Friday night's game between the Burros and Antelope Valley. Ready to help out their teammate are Hugh Washburn (No. 44) and Robert Campbell (No. 32). Players for the Antelopes who are pretty well shielded away from the ball are Kevin McGaughy (at left) and Terry Clymore. In a real thriller, the visitors defeated Burroughs, 64-63.

Local runners participate in fog-shrouded races at Bakersfield

A number of local runners participated in the third annual Bakersfield Mini-Marathon and 10,000 Meter Runs which were held last Saturday under quite foggy conditions.

In spite of becoming momentarily lost in the fog, Over-the-Hill Track Club (OHTHC) member Mike Hartney finished in twelfth place over-all — with a time of 41 min., 17 sec. — in the 10,000 meter run. This 6.21 mile event was won by Richard Govi, of Rosamond, whose time was a very good 34:01. A field of 42 runners competed.

Six OHTHC Masters (all over the age of 40) completed in the 13.1 mile-long mini-marathon. The men, their times and positions were: Scotty Broyles, 25th 1:26:17; John Anderson, 29th, 1:28:15; Joe Kovar, 34th, 1:30:25; Ray Jacobson, 40th, 1:32:18; Jerry Ansell, 47th, 1:34:39 and Dick Wisdom, 49th, 1:36:59. A total of 82 runners finished this event, which was won by Fred Carnahan of the High Sierra Track Club in a record time of 1 hr., 7 min., 29 sec.

Allen Rude, of Santa Maria, placed first in the grueling 26.2 mile marathon with a time of 2:32:58. No local runners participated in this event.

Two Burroughs High School students also did very well in the day's competition. Stan Hughes' time of 1:20:28 earned him a 14th place finish over-all in the mini-marathon, while Valerie Shanteler placed 13th over-all in the 10,000 meter run with a time of 41:46. Her time gave her the top spot in the women's division of that race.

The next local event to be sponsored by the OHTHC will be a George Washington's Birthday 8 mile run beginning at the Desert Empire Fairgrounds in Ridgecrest at 10:30 Saturday morning, Feb. 19.

A Portsmouth starting system will be used so that aspiring Indian Wells Valley

against the Sun Devils from Apple Valley, the visitors tallied four quick field goals and were leading 8-0 before Benny Vick, stellar guard for the Burros, connected from the corner and went on from there to tally 10 of his 18 points for the evening in the first quarter.

Both teams were tied at 18 points apiece

(Continued on Page 7)



Doug's Corner

China Lake quintet to begin first round MDISL play today

The China Lake basketball team will clash with the hoopsters representing the Marine Corps Base, Twenty-Nine Palms at 5 p.m. today in opening round action of the Mojave Desert Inter-Service League basketball tournament at Nellis Air Force Base in Las Vegas.

The tournament will continue on Saturday and Sunday. Prospective starters for China Lake include Brett Fisher, Daryl Moline, Ron Penny, Kelvin McSwain, Rod Howell and Dave Crandell. Results will be reported in next week's ROCKETEER.

Golf Tourney Stated

The China Lake Golf Club's annual Cross Country golf tournament will get off to a shotgun start at 9 a.m. on Saturday, Feb. 19.

February handicaps will be adjusted to the cross country course rating. Early registration at the club house is encouraged, although entries will be accepted until 8:30 on the morning of the tournament. Entry fee is \$4 per person.

Further information can be obtained by phoning Mike Sanitate at NWC ext. 3310.

Youth Soccer Spring League

Tryouts for the NWC Youth Center's Spring Soccer League will be held on March 19 at 9 a.m. at Davidove Field.

Young people 7 through 13 years of age may participate in this program, and no experience is required.

Further information may be obtained by phoning NWC ext. 2909.

China Lake Soccer Club

The adult team of the China Lake Soccer Club will meet with its counterparts from Edwards Air Force Base tomorrow at Edwards beginning at 10 a.m.

These informal clubs will play a return match at China Lake within the next few weeks. In addition, several matches are being planned with soccer clubs from Lancaster, Palmdale, George Air Force Base in Victorville and the Marine Corps Logistic Support Base, Pacific, at Barstow.

Persons interested in joining the adult soccer club should attend workouts at Davidove Field on Tuesdays or Fridays at 4:30 p.m.

(Continued on Page 7)

Kyra Specht qualifies at out-of-town meet for next level Class I gymnastics competition

In her first gymnastics meet in almost a year and her first ever as a Class I gymnast, Kyra Specht earned a high enough all-around point average to qualify her for the next level of Class I competition.

Ridgecrest's only Class I gymnast, the graceful 15-year-old made a strong showing at Santa Fe Springs, Calif., last Saturday in compulsory routines, finishing as one of the top-ranked five or six among 33 Senior Division contestants. On Sunday, three of four of her optional routines were also strong. "Kyra made a few slips on her optional bar routine," said her coach, Mary Ann Wilcox. "At her level of competition and with nationally rated judges giving her scores, those mistakes cost her a rating among the top gymnasts all-around."

Mrs. Wilcox added, however, that she was "just as pleased as I can be" with Kyra's performance. "I fully expect her to go all the way to the national competition in Tucson in May," the coach added. "Winning two ribbons in her first Class I meet was not too shabby." The ribbons were for a 17.4 in

vaulting for a fifth place and a 16.7 on the balance beam for a sixth place. In addition, the young gymnast missed gaining a ribbon for floor exercise by only hundredths of a point.

An all-around score of 64.35 kept Miss Specht comfortably in the running for the district level of competition, for which she needed only a 60.0 to qualify. In order to compete at the national level, she will have to raise that score to 68.0. Her next meet, also a preliminary qualifying event, will be at the Gymnastics Olympica gymnasium in Santa Monica on Feb. 19. Although she isn't required to compete in this meet in order to go to the March 12 district competition, she hopes to gain more experience and higher scores by entering this meet.

About a dozen Ridgecrest fans were on hand to cheer the talented youngster on at Santa Fe Springs as she competed against entrants from strong teams from throughout Southern California, including the prestigious Kips, Matadors, Yamis, and Santa Monica Gymnastics Club.



LIFE-SAVING EFFORT COMMENDED — While Fire Chief W. R. Knight (at left) looked on, W. E. Davis, NWC's Director of Safety and Security, presented letters of commendation Wednesday morning to (l.-r.) Lts. John Howard and Larry Kuster and firefighters Paul Hupka and James Crow. All four well-trained Fire Division personnel were instrumental in saving the life of a China Lake resident, Ronald Vigneault, who had collapsed at home as the result of a heart attack.

Four firefighters receive commendation . . .

(Continued from Page 1)

personnel (who had been notified of the emergency) were ready and prepared to take over.

In the letters of commendation signed by RAdm. Freeman, all four firemen who had a part in saving the life of the heart attack victim were complimented highly for their "outstanding response under the stress of emergency conditions" as well as for "having acquired and demonstrated exceptional skills in the emergency medical service field."

"The high degree of proficiency and professionalism demonstrated by you is a credit to the Fire Division, Safety and Security Department, and the Naval Weapons Center," the letters from RAdm.

Freeman concluded.

"I'm really grateful to those guys. If it wasn't for them, I wouldn't be around talking to you today," stated Vigneault, who is home recuperating after a stay in the hospital.

The heart attack victim is employed as a quality assurance specialist in the Quality Assurance Branch of the Engineering Department's Product Assurance Division. He first started to work at China Lake in 1957, but left nine months later to serve a 4-year hitch in the Air Force before returning to work here in 1962.

Prior to taking over his present job approximately two years ago, he had been involved in explosives work at Salt Wells for nearly 10 years.

Airborne Research Data System tested in Antarctic

Two employees of the Aircraft Department's Aircraft Support Division returned recently from McMurdo Base in the Antarctic where they were involved in the first use of the NWC-designed and constructed Airborne Research Data System which, basically, records data on an aircraft's location and the environment in which it is flying.

Sam Schoenhals, head of the Airborne Instrumentation Section, is the principal investigator for the design work of this system, which is approximately 1 1/2 years old.

Maurice Hamm, associate head of the Aircraft Support Division, and Michael Shride, an electronics engineer in the Code 612 Airborne Instrumentation Branch, made five flights in a six-day period from the base at McMurdo Sound to the South Pole and back.

Types of Data Collected

The LC-130R Hercules, a transport and cargo-type aircraft in which they traveled, was equipped with the NWC-developed Airborne Research Data System. It was used in support of air particle and ozone sampling programs being conducted for the National Science Foundation by scientists from Washington State University and the State University of New York at Albany.

The Airborne Research Data System, which has the capability of recording 100 different types of data, was set up to gather 28 kinds of information during flights to and from the South Pole, Hamm noted. The most important were temperature, air pressure and dewpoint, as well as the aircraft's altitude, latitude and longitude.

The aircraft was flown from as low as 100 ft. off the water to an altitude of 31,000 ft. The minimum temperature recorded was minus 45 degrees Centigrade, the lowest dewpoint recorded was minus 61 degrees Centigrade, and the maximum wind velocity recorded was 120 knots.

It's now summer in the Antarctic, and he

and Shride were fortunate to hit a period of good weather during their stay, Hamm said. Most of the time, the temperature at their staging area on McMurdo Sound was right at freezing (32 degrees Fahrenheit), or a great deal warmer than was the weather at the same time in this country in some parts of the Midwest and East.

What was hard to get used to, however, was having the sun remain up constantly. Also, since there was a Coast Guard helicopter pad just outside their quarters and helicopters were taking off and landing at all hours around the clock servicing two ice breakers, he and Shride found it difficult to sleep, Hamm stated.

The Airborne Data Research System proved to be highly successful during its first operation in flight for any length of time and in a severe environment such as that encountered at the South Pole.

The system has since been removed from the aircraft in which it was used for the recent tests and is now stored in Christchurch, New Zealand. It is due to be returned to China Lake in March.

Plans call for making some modifications to the system and the aircraft in preparation for supporting some ice thickness measurements and conducting some magnetometry measurements next season in the Antarctic region.



NWC EMPLOYEES TRAVEL TO ANTARCTIC — Maurice Hamm (on right) and Michael Shride had this photo taken while they were on the Ross ice shelf, in front of McMurdo Station in the Antarctic. Their visit to the Antarctic region was in connection with the first of an Airborne Research Data System that was designed and built here.

TID personnel honored by Institute for Advancement of Engineering

Two employees of the Naval Weapons Center have been singled out to receive fellowships in the Institute for the Advancement of Engineering's (IAE) College of Fellows.

Those so honored are C. E. Van Hagan, head of the Technical Information Department, and Alberta Cox, head of the Project Publication Branch and associate head of the TID Publication Division.

Van Hagan and Mrs. Cox are two out of a group of seven members of the Society for Technical Communication (STC) from throughout the Southern California area who have been chosen for this distinction.

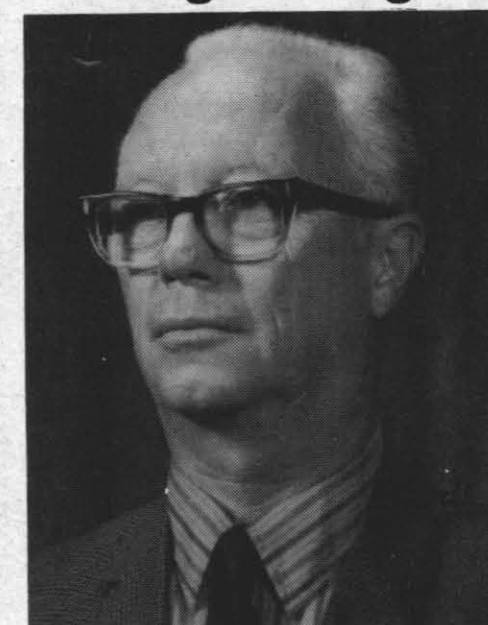
Initiation of the new Fellows, which will be a part of the Los Angeles Council of Engineers and Scientists' celebration of National Engineers Week, will take place during a luncheon that is slated next Friday, Feb. 18, in Los Angeles. The fellowships are awarded each year to personnel who have made notable contributions to their profession.

Long-Time STC Members

Both Van Hagan and Mrs. Cox have been members of the STC board of directors at the national level, in addition to their long association with the Sierra-Panamint Chapter of STC, which was formed here in the early 1960s.

From 1944 to 1971, Van Hagan was involved in the editing and publishing of scientific reports, manuals, open literature papers, symposium papers, books and brochures that covered nearly all fields of engineering, as well as most of the physical sciences.

Since 1971, as head of TID, he has managed an organization of 200 employees (aided by contract help) in the fields of publications, presentations, motion pictures, video, libraries, exhibits, photography and a weekly newspaper — all in support of the engineers and scientists at



C. E. Van Hagan

the Naval Weapons Center.

Mrs. Cox was elected in 1975 to a 3-year term on the STC board of directors at the national level, and prior to that headed the society's Education and Development Committee's subcommittee on Career Promotion and was chairman of the Scholarship Selections Committee.

For the past 17 years she has been a writer and editor at China Lake and, in 1973, was vice-chairman of the creative communication portion of the program committee for the International Technical Communication Conference (ITCC) held in St. Louis. Last year, she served as program chairman of the ITCC held in Washington, D.C.



Alberta Cox

Deicing system . . .

(Continued from Page 1)

different types of ice detectors will be installed to provide automatic operation of the deicing system.

The need for helicopter ice protection was dramatically underscored by U.S. Army experience in Germany. In the worst case, icing conditions would prevent helicopter operations for as many as 55 days during the period from October to March. Ice accretion on rotor blades causes a rapid loss of lift, requiring an increase in torque to maintain level flight.

In addition, large chunks of ice may be self-shed from unheated rotor blades and can cause high vibration levels sometimes resulting in structural damage. The cyclic electrothermal rotor blade ice protection system works on the principle of controlled, symmetric shedding of relatively small (1/4 in. thick) chunks of ice.

At the same time that work has been in progress to install and check out the deicing system, personnel from the NWC Aircraft Department's Airborne Instrumentation/Avionics Branch, headed by Bernie Smith, an engineering technician, have been installing some non-standard avionics equipment in the helicopter.

This gear is an instrument landing system and a tactical area navigational system (TACAN).

Dept. heads exchange duties . . .

(Continued from Page 1)
supervision within an organization.
"You train the division heads by moving branch heads, and you train good branch heads by moving them among different positions so they are equipped to have a broad-based enough job to be a division head."
"When you're looking for department heads," RAdm. Freeman continued, "you want somebody who has had a broad base of experience and, when it comes to looking for a Technical Director, you're looking for another spectrum of individual who has had experience in industry, at another laboratory, and possibly a tour in Washington that gives him the ability to focus on the Navy's entire research and development program."

How Policy Will Work
In these same talks some months ago with key department personnel it was brought out that while there will be a conscious policy to rotate jobs, it will not be done arbitrarily by selecting a group of say 30 employees and deciding that they will change jobs.

The way it will happen, RAdm. Freeman elaborated, is that "from time to time selected employees will be afforded an opportunity to broaden their 'base' by moving a bit, or when we feel there is a need to have a fresh look by new faces at some problem."

"This is the way it will be done, quite consciously and with consultation," the NWC Commander said.

Headed Same Dept. Since '63'
Dr. Leonard, who has been head of the Propulsion Development Department since September 1963, has been at China Lake since 1957. After two years as head of what was then called the General Research Branch of the Research Department, he transferred to the Propulsion Development Department and has been involved in work with propellants and explosives for the past 18 years.

Dr. Leonard joined what is now Code 32 as head of the Propellants Division in 1959 and then spent a year (1960-61) in Washington as the Bureau of Naval Weapons liaison

representative for the Naval Ordnance Test Station's Propulsion Development Department.

Upon returning to China Lake in January 1961 he became the assistant then associate head of the Propulsion Development Department prior to taking over the duties of department head in 1963.

Dr. Leonard, who has both a bachelor's and master's degree in chemistry from Indiana University, which he received in 1945 and 1946, respectively, received his Ph.D. in analytical chemistry at the Massachusetts Institute of Technology in 1949.

Long Stay in Engineering Dept.
Like Dr. Leonard, Hays (who became acting head of the Engineering Department in 1973) has spent nearly all of his Civil Service career at China Lake in the department he now directs.

Following his graduation from the University of Idaho in Moscow, Idaho, in 1956 with a bachelor's degree in electronic engineering, he joined the work force at China Lake as a junior professional and was assigned to the Engineering Department as an electronics design engineer.

Remaining with the Engineering Department, Hays carried out progressively more responsible duties. In July 1963 he became the Sidewinder guidance and control project engineer and, two years later, was appointed to serve as Shrike program manager.

Awarded Sloan Fellowship
Awarded a Sloan Fellowship in June 1966, Hays attended the Massachusetts Institute of Technology and returned after a year of study in the Executive Development Program with a MS degree in management. At that time, he was appointed assistant head of the Engineering Department's Weapons Systems Management Division and, the following March, became the Engineering Department's chief engineer.

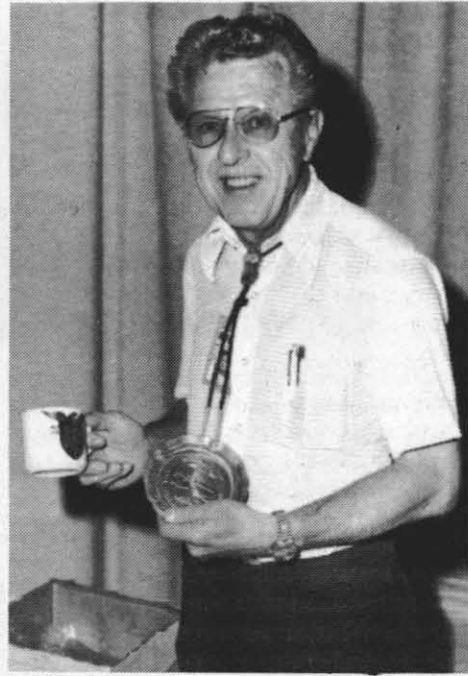
Prior to June 1973, when he became acting head of what was then Code 55, Hays headed the Engineering Department's Product Design Division and, for three months was associate head of the Engineering Department in charge of Engineering Services.



BLOOD DONORS REPLENISH FUND — Spokesmen for the Indian Wells Blood Bank's Advance Fund were pleased with the turnout of donors during last week's visit by a mobile unit from the Houchin Community Blood Bank in Bakersfield. A total of 95 pints of blood were collected that will be credited to the local area account, and be available for use of Indian Wells Valley residents. The mobile blood unit crew from Bakersfield was assisted here by Dr. Richard Reed, from the local branch clinic of the Navy Regional Medical Center, Long Beach, as well as by members of the Indian Wells Valley Nurses Club, under the direction of Tillie Sbrocca. For as long as they last this year, Bicentennial Gallon Club cups will continue to be distributed, and when the supply runs out those who have a record of contributing 8 pints of blood will be rewarded with a blood bank ash tray. Ray Becker (in photo below), who has been a regular contributor to the IWV Blood Bank's Advance Fund since 1963, received both a Gallon Club cup and an ash tray when he turned out to donate another pint of blood last week. Becker heads the Photographic Laboratory Branch in the Technical Information Department's Photographic Division. —Photos by Ron Allen

Blue Shield agent due

Kris Bergen, the Blue Shield insurance representative, will be at the Community Center on Wednesday, Feb. 23, from 9:30 a.m. through 2 p.m. Enrollees in this health insurance plan who wish to talk with him will be seen on an appointment-only basis. Beginning Monday, a sign-up sheet will be at the front desk of the Community Center. Those interested in seeing Bergen must visit the Community Center to sign up, since no appointments will be taken over the telephone.



Center library is now closed on Wednesdays

Due to staffing limitations, the Center library will no longer be open for business on Wednesdays, according to an announcement by Don Cook, librarian. This change, which went into effect last Wednesday, will be in force until further notice. The library's other hours of operation will remain the same. They are: Monday, Tuesday and Thursday, 1 to 9 p.m.; Friday, 10 a.m. to 6 p.m.; and weekends, 12 to 5 p.m.

CSC's Merit Promotion Policy explained for Center employees

The purpose of this article is to inform employees of the basic principles of the Federal Merit Promotion Policy, its objectives, and its operation at the Naval Weapons Center.

Civil Service Commission regulations require that all Federal activities have "a program designed to insure systematic means of selection for promotion according to merit." This basic philosophy is to be carried out through adherence to the following merit principles:

- Merit Principles Listed**
- (1) Areas of consideration will be as broad as practicable.
 - (2) Minimum qualification standards prescribed by the Civil Service Commission shall be used.
 - (3) Candidates meeting minimum qualification standards shall be rated eligible for promotion.
 - (4) Job relevant elements shall be used to differentiate among eligibles in identifying those highly qualified.
 - (5) Qualification standards and evaluations shall be fair, equitable, reliable, and relevant.
 - (6) An adequate number of highly qualified candidates shall be provided the selecting official.
 - (7) Selection shall be made without discrimination for any non-merit reason and without favoritism based on personal relationship or patronage.
 - (8) Supervisors shall not advocate or participate in the selection and/or promotion of a relative.
 - (9) Employees selected for promotion or for a position with known promotion potential shall be released from their old positions promptly, normally no longer than one pay period.

Vacant Positions Publicized
Vacant positions at NWC (with some exceptions as will be described below) are publicized in either The ROCKETEER or by announcements posted on official bulletin boards. The advertisement must remain open for at least a week. It must include such information as the title and grade of the position, its duties, and the criteria that will be used to rank the qualified candidates.

The minimum qualifications required by the Civil Service Commission for GS positions are defined in CSC Handbook X-118, while those for all WG, WL, and WS positions are defined in CSC Handbook X-118C. The handbooks are located in the Personnel Department and are available for review.

Applicants are first rated by the Personnel Department as to whether or not they meet the minimum qualifications for the position required by the Civil Service Commission. Next, with the assistance of the selecting official concerned or a designated panel, the Personnel Management Advisor, using the established and publicized criteria, distinguishes between the qualified and highly qualified applicants from among the eligible candidates.

If there are more than five highly qualified applicants, a further grouping into best qualified is made from the highly qualified group and referred to the selecting official. If there are five or fewer highly qualified applicants, they are all considered best qualified and referred to the selecting official. The best qualified candidates are those who rank at the top in comparison with other eligible candidates on a promotion listing. If meaningful distinctions cannot be made among the highly qualified, a maximum of 10 can be referred as best qualified. The selecting official then makes the selection and all candidates are notified.

Ranking candidates in groups of qualified, highly qualified, and best qualified is based upon job relevant elements (i.e. skills, knowledge, abilities and/or personal characteristics that are important to success on the job), supervisory appraisals; awards; and training, self-development, and outside activities which relate to the potential effective performance in the position to be filled.

Other Procedures Followed
The filling of some positions and also some promotions do not require advertisement and the other procedures described above. For example, individuals may be reassigned to positions at the same grade level as that currently held (if the known promotional potential is no greater) without going through the competitive procedures. Other examples are:

- (1) Career promotions. Career promotions may be made under the following circumstances:
 - (a) Career promotion of an employee in a position with known promotion potential such as career ladder, trainee, and understudy positions filled at grades below the established or anticipated grade.
 - (b) Career promotion of an employee under a training or executive development agreement.
 - (c) Career promotion of an employee whose position is reconstituted in a higher grade due to gradual addition of duties and responsibilities.
- (2) Promotion to positions upgraded without significant change in duties and responsibilities.
- (3) Re-promotion to grades or positions from which demoted without personal cause.
- (4) Placement as a result of reduction in force.
- (5) Promotion to a higher grade for 120 days or less.
- (6) Promotion after failure to receive proper consideration.
- (7) Competitive appointments of non-Federal employees.
- (8) Promotion to positions at GS-16 and above, which are filled through the Federal Executive Assignment System.

Information Available
Employees are entitled to various kinds of information on specific promotion actions at their request. They have a right to know whether they are found eligible on the basis of minimum qualification standards; whether they were one of those in the group from which selection was made; who was selected for promotion; and in what areas, if any, the employee should improve himself to increase his chances for future promotion.

Failure to be selected for promotion when proper promotion procedures are used (that is non-selection from among a group of properly ranked and certified candidates) may not be used as a basis for a formal grievance. However, grievances that allege the correct procedures and/or regulations were not followed with respect to a given action are processed under either the Navy's administrative grievance procedure, procedures negotiated with employee unions, or the Civil Service regulations governing the handling of equal employment opportunity complaints, as appropriate.

DCC counselor to speak at Brown Bag Seminar on Feb. 16

Featured speaker for next Wednesday's Brown Bag Seminar in the Sidewinder Room of the Community Center will be Jack Bradshaw.

Bradshaw, whose talk will commence shortly after 11:30 a.m., will discuss "Men's Consciousness Raising — What's In It For Me?"

As a counselor at the Desert Counseling Clinic, Bradshaw has become particularly aware of the hazards of being male in this society today, and will share his views with those attending.

Brown Bag Seminars are open to all men and women. Attendees are reminded to bring their own lunches.



RESOUNDING SUCCESS — Pictured are some of the 154 patrons lucky — and quick — enough to purchase tickets for the first Maturango Museum luncheon in the current series, which was held last Monday at the Community Center. The menu featured chile rellenos, taco salad, corn muffins and coffee mousse. The luncheons are prepared and served by volunteers from the local community, under the direction of Sue Byrd. All money over expenses for the renewed series will go into the Maturango Museum building fund, and it is anticipated that \$2,772 will be made because all luncheons have been sold out in advance. Menu for the next monthly luncheon, which will be held at 11:30 a.m. and 12:30 p.m. on Monday, March 7 — will be curry glazed chicken breasts, pilaf, tossed salad and apple Normandy tart. —Photo by Ron Allen

Happenings around NWC

A Washington's Birthday Sale will be held at China Lake's Navy Exchange beginning next Thursday, Feb. 17, and continuing through Saturday, Feb. 19.

A total of 95 items will be on sale during this three-day event, including health and beauty aids, digital clock radios, blenders, men's shirts and traditional chocolate-covered cherries. Twenty-five of the sale items are "super-specials" which Navy Exchange buyers have searched for nationwide in order to provide customers with the best values possible.

The Exchange will be open from 10 a.m. to 5:30 p.m. on Feb. 17 and 18, and from 10 a.m. to 4 p.m. on Feb. 19.

Dance Set at CPO Club
The Rock Country Express, a local band, will be playing for a dance at the Chief Petty Officers' Club tonight from 9 until 1 a.m. Dinner special for the evening will be prime rib, served from 6 until 9.

This Sunday's evening food service will be an a la carte menu featuring prime rib. Members of the Commissioned Officers' Mess and official NWC visitors, in addition to CPO Club members, are authorized to patronize this weekly dining service, operated between 6 and 8:30 p.m. Reservations should be made with the CPO Club office by calling NWC ext. 3633 or 3634.

AFGE Meeting Scheduled
Members of Local 1781 of the American Federation of Government Employees will hold their next monthly meeting on Monday, beginning at 7 p.m., at 65-B Halsey Ave., China Lake.

Local 1781 is the representative of a unit composed of non-supervisory civilian

employees of the Safety and Security Department's Police Division at China Lake.

Music for Dining at COM
The Ron Thompson Duo, two local guitarists, will provide dinner music tonight, from 6:30 to 9, for patrons of the Commissioned Officers' Mess.

Special for the evening will be a choice between grilled halibut or prime rib. The COM Club will be closed Saturday to all except those invited to attend the VX-5 formal dining out banquet.

Restriction on Parking
Signs were posted this week to indicate that only government vehicles will be allowed to park in front of Boiler House No. 1 at the west side of the Center gym.

Persons using the gym and the handball court are asked to cooperate by parking in other established spaces.

Dinner to highlight National Engineers Week observance

Plans have been made for the local observance of National Engineers Week (Feb. 20-26), the highlight of which will be a dinner on the evening of Friday, Feb. 25, at the Commissioned Officers' Mess.

Featured speaker on this occasion will be W. S. Cuddihy, from the National Aeronautics and Space Administration's Langley Research Center at Virginia.

Cuddihy, who has been associated with the Viking program since its inception, will give a talk entitled "Viking Mission to Mars." His presentation will include the showing of a number of photos received from the red planet, as well as a discussion of the scientific experiments performed and engineering problems solved from millions of miles away.

On the evening of Feb. 25, a social hour will precede the 7 p.m. dinner, and the program by Cuddihy is slated at 8 o'clock. Tickets for the dinner, which is sponsored by the High Desert Engineering Association (HIDEA), are priced at \$8 per person.

Persons interested in attending can make reservations by contacting representatives of any of the following professional groups included in HIDEA:

Jim McGuire, Institute of Electrical and Electronic Engineers, ph. NWC ext. 5481; Bob McCarten, American Institute of Chemical Engineers, ext. 7518; Tony Miller, American Society for Quality Control, 446-3501; Bruce Bartels, California Society of Professional Engineers, ext. 3421; and John Cox, American Society of Civil Engineers, ext. 3538.

Devotees of military band music are in for real treat; Navy's finest to play here Feb. 24

Lovers of military band music will have the opportunity to hear and see the nation's finest such group perform when the famous United States Navy Band visits China Lake for an afternoon matinee and an evening concert at the Naval Weapons Center theater on Thursday, Feb. 24.

Arrangements for this musical treat were made by the Burros Band Boosters, who are sponsoring this first local appearance by the U.S. Navy Band.

Fifty-five of the finest instrumentalists make up the traveling group of the U.S. Navy Band, which numbers 175 in all and is capable of doing justice to all of the magnificent works of music written for the band.

The Navy's official musical ambassadors are led by Cdr. Ned Muffley, who is known for his ability to conduct all performances without musical scores — a feat mastered by few band or orchestra conductors.

The U.S. Navy Band's library of great band and orchestra music is one of the largest to be found anywhere, including anything from a "hard rock tune" of today's generation to an invaluable first edition concert work that is yellow with age. In addition, the band's staff of writers keeps the various groups that comprise the entire band supplied with new arrangements and often turn out stirring, original work which prompts an ovation from the band members themselves when it is first played at rehearsal.

The nationwide audiences which have a chance to hear the U.S. Navy Band are the major beneficiaries of these combined talents, and thrilling programs are guaranteed.

For each concert appearance (ap-

proximately 49 cities are included in each tour), the band offers two programs — a matinee planned mainly for local music students and an evening concert attuned to the musical taste of adult listeners.

On tour, the band must be self-supporting and its upcoming performances here are no exception. The Burros Band Boosters ambitiously have undertaken the sponsorship of the U. S. Navy Band's local appearance in hope of filling the Center theater and raising enough money (over expenses) to purchase a concert grand piano for the Burroughs High School lecture center, and possibly replace some of the local high school band's worn out instruments as well.

There are patron and sponsor tickets for the concert, priced at \$25 and \$15, respec-

tively, and those who buy them will receive two reserved seat tickets to the evening concert at 7:30 on Feb. 24, and their names will be printed on the program.

General admission tickets are priced at \$3.50 for adults and \$2.50 for enlisted military personnel. Student tickets for the 1 p.m. matinee can be purchased for \$1 each. In the event that not enough student tickets are sold to fill the theater, other tickets also will be honored at this time.

Tickets to the U. S. Navy Band concert program can be obtained from parents of music students who make up the Burros Band Boosters, or from members of the Kiwanis Club and the Optimist Club. They also are being sold at the Station Pharmacy and, in Ridgecrest, at the Music Man, Senn's Coiffures, and Loewen's.



U. S. NAVY BAND TO PLAY HERE — Approximately 55 of the finest instrumentalists in the 175-member U. S. Navy Band make up the touring group that will present matinee and evening concerts on Feb. 24 at the Naval Weapons Center theater. Tickets for the concert, which is being sponsored as a fund-raising event by the Burros Band Boosters, are now on sale.