

FASHION SHOW A "SELL-OUT" — More than 260 persons attended the annual fashion show sponsored by the Catholic congregation of the All Faith Chapel on Oct. 20. The Community Center, bursting to the seams with people, was transformed into a "country fair" atmosphere by the many home-made fashions on display. Sherry Scheber, show chairman, enlisted the aid of 38 models, including five males, to present the many different types of fall clothing. Shown are four different samples of the outstanding collection of home-made fashions. They are (beginning top left and reading clockwise): Erika and Giselle Knight, wearing Kelly green dresses with yellow jumpers and yellow hair ribbons, just right for school; Gail Hall, in a white blouse and red double knit jumper; Jennifer and Nancy Golubewski, modeling a two piece smock outfit with red, brown and green checks, and a red jumpsuit and white blouse, perfect for play-time activities; and Sherry and Tom Scheber. Tom is wearing a seafoam green lame jacket with green satin lapels and linings. Sherry has on a dress of orange, green and hot pink specks on a gold background, with a gold lame belt. During the evening, 60 door prizes were given away, including clothing, jewelry and various food items. On the south patio of the Community Center, home made crafts, ceramic, paintings, quilts, macrame and knitted ware were on display, and some of them were sold by the artists. All proceeds of the fashion show went to the Nazareth Home for the Aged in Fresno, Calif. Desserts were served following the show.



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.
- Matinee—1 p.m.

FRI. "THE SPIKE'S GANG" (105 Min.)
Lee Marvin, Gary Grimes
(Western) Harry Spikes is wanted in Texas, Oklahoma and Arkansas. On the run, he is found by three young farm boys who give him a horse so he can get away to safety. Upon learning this the boys' father gives them a beating. The boys run away to find Spikes, who takes them on as apprentice bank robbers. (PG)

SAT. —FAMILY MATINEE— "ZEPPELIN" (102 Min.)
Michael York, Elke Sommer

—EVENING— "BUTTERFLIES ARE FREE" (109 Min.)
Goldie Hawn, Edward Albert
(Comedy) Edward Albert, a young blind would-be singer and composer tries to escape from his domineering mother and find a life of his own in San Francisco. Consequently when a very free kiwi of a girl from next door to his San Francisco apartment comes knocking looking for a cup of coffee, he is ready to give her more. (PG)

SUN.-MON. "THE THREE MUSKETEERS" (107 Min.)
Michael York, Raquel Welch
(Adventure Comedy) D'Artagnan leaves the country for the cavalier life of Paris. He is challenged to three successive duels with Oliver Reed, Frank Finlay, and Richard Chamberlain, but before these can commence, all four are attacked by the Cardinal's men. This costumed adventure includes Faye Dunaway as a jewel thief and Raquel Welch as a clumsy attendant to the Queen. (PG)

TUES.-WED. "DELIVERANCE" (109 Min.)
Jon Voight, Burt Reynolds
(Action Adventure) This absorbing story is about four Atlanta businessmen taking a canoe trip on the last untamed river in Georgia, only to find themselves experiencing terror and the threat of death at the hands of nature and man. (R)

THURS. "THE GREAT WALTZ" (135 Min.)
Horst Bucholz, Mary Costa
(Musical) The life and music of Johann Strauss, set in the 19th Century Austria, opens with young Strauss' debut as a ballroom orchestra leader, follows him through his musical triumphs and romantic conquests and concludes with Strauss playing his immortal "The Blue Danube" at the Boston World Peace Jubilee in 1872. (G)

FRI. "ARNOLD" (95 Min.)
Stella Stevens, Roddy McDowall
(Horror Comedy) Wealthy Norman Stuart is dead, leaving wife Shani Wallis and mistress Stella Stevens free to marry him in an unorthodox ceremony performed by minister Victor Buono. (PG)

HAPPENINGS AROUND THE CENTER

Young people of the Indian Wells Valley are invited to participate in a Youth Diorama Show tomorrow from 10 a.m. to 4 p.m. at the Community Center.

Sponsored by the NWC Youth Center, the NWC Hobby Shop, and the Ridgecrest Recreation Department, the diorama show will enable youths to use their modeling skills to create scenes, mounted on boards. For instance, one of the dioramas already entered into the contest is of a World War II scene, with soldiers, tanks, guns, airplanes, etc., mounted in an interesting display.

Prizes will be awarded to first, second and third place in two divisions. Prizes will be model kits and supplies from the Hobby Shop.

For further information, contact the Youth Center by calling NWC ext. 2909.

Group Therapy Offered

Psychiatric group therapy sessions are now being held on Monday evenings at 7 o'clock at the NWC Dispensary Library.

They are moderated by Dr. Ron Hempling, staff medical officer, and are open to military personnel (active or retired) and their dependents. For more information, contact HMI Mike Halverson by calling NWC ext. 3119.

ASQC Schedules Meeting

The regular monthly meeting of the Sierra Sands Subsection of the American Society for Quality Control (ASQC) will be held on

Wednesday, Oct. 30, at The Hideaway restaurant in Ridgecrest. A social hour will precede dinner at 7 p.m.

Al Villere, manager of quality assurance for the General Dynamics Corp., will speak to the group on "Environmental Testing as an Assessment."

Garden Club To Meet Nov. 7

The Oasis Garden Club of Indian Wells Valley will present Mrs. Roger Wickenden, past president of the club and currently the State of Hawaii Flower Show chairman, in a program entitled, "Sharing Hawaii's Flowers," on Thursday, Nov. 7, at the Commissioned Officers' Mess.

Instructions in floral arrangements will be given during the program, which will start at 11 a.m. The regular club meeting will begin at 9:30 a.m. Flowers will be furnished, but everyone attending should bring a container.

Anyone wishing to join club members for lunch may make reservations by calling either Marion Kibbe, at 375-5213, or Barbara Meggers, at 446-2160.

'Stop Smoking' Clinic

A 5-day "Stop Smoking Plan" program will get under way Saturday evening, starting at 7:30, at the High Desert Seventh-day Adventist School, 555 Las Flores Dr., Ridgecrest.

The program, which is open free of charge to all interested persons, will be held for five

consecutive evenings at the same time and place.

A medical-minister team composed of Dr. Ervin Ladd, a retired Loma Linda Hospital physician who is now assisting at the Searles Valley Health Center in Trona, and the Rev. Richard Shaddock, pastor of the local Seventh-day Adventist Church, will be in charge of the "Stop Smoking Plan" meetings.

They will be assisted by two nurses, Mrs. Don Turner and Mrs. Clare Grounds.

Quality Engineering Class

Tony Miller, chairman of the recently-formed Sierra Sands Subsection of the San Gabriel Valley Section, American Society for Quality Control (ASQC), will instruct a six-week course (18 hours) in quality engineering, beginning on Thursday, Oct. 31.

The course is designed to prepare students for the written Quality Engineering Examination that will be given on Dec. 7. Classes will be held in Rm. 236 of the Cerro Coso Community College beginning at 7 p.m.

For further details, contact Miller by calling 446-3501.

Art Work Now on Display

The second annual art show of the Wayfarer's Gallery Artists, a local group of painters, is now under way and will continue through Nov. 3 at 905 Sierra View in Ridgecrest.

A specially-painted Sierra Mountain scene, done by all eight artist members of the group, will be sold and the proceeds given to the Happy Times Senior Citizens Craft class to be used for purchasing materials.

Drama Group Cancels

'Come Back Little Sheba'

Due to unavoidable circumstances, "Come Back Little Sheba," the fall production of the China Lake Players, has been cancelled.

The director, Robbie Robbins, wishes to thank the cast and crew for all of the time and effort put into this show.

Persons who have already purchased tickets can receive refunds by calling Robbins at 446-4043.

Flu Clinic for Senior Citizens Slated Monday

Local residents who are 65 years of age or older, or who will be 65 before next March, are encouraged to take advantage of a special flu vaccine clinic that will be offered by the Kern County Health Department.

The next such clinic has been scheduled on Monday, from 11 a.m. to 12 noon at the Kern County Building, 236 W. Ridgecrest Blvd., Ridgecrest.

The flu vaccine to be used is one which is relatively free of any significant adverse reactions. However, senior citizens who have an allergy to eggs or egg products should consult with their physician about whether they should get a flu shot.

From: _____ PLACE STAMP HERE

To: _____

Jawbone Of Prehistoric Mammal Found

China (dry) Lake has given up another major find of interest to archeologists and paleontologists who are delving into the prehistoric past (between 10,000 and 20,000 years ago) when mastodons and mammoths ranged what was then a grassy and wooded area where water was plentiful.

Recently, Public Works Department personnel, overseen by Tilly Barling, head of Code 70's Natural Resources Management Office, loaded into a truck bound for the Maturango Museum's archeology lab the carefully protected remains of the lower jaw of a Columbian mammoth.

The jawbone was found last spring. However, because of the painstaking effort necessary to preserve it as the work of excavating proceeded, it has taken until now to finally get it out of the ground. The final stage before transporting it to the archeology lab—a building not far from the Maturango Museum—was to wrap the ancient jawbone in plaster of paris strengthened with strips of burlap.

Started 5 Years Ago
This latest find is one of the results of exploration, digging and collecting that has been going on for the past five years on a part of the Naval Weapons Center's Charlie and George ranges.

Such operations must be performed by a recognized institution under the direction of a professional archeologist. In this case, the work has been sponsored by the Los Angeles County Museum of Natural History under a permit awarded to Dr. Emmalou Davis, who is a research associate with that institution.

A report on the past five year's work is currently in the process of being prepared for publication next spring by Dr. Davis, who was joined at various times at the exploration site by David Fortsch, a paleontologist from the Los Angeles County Museum; George Smith, a geologist from the U.S. Geological Survey, as well as the following local residents in addition to Mrs. Barling: Carol Panlaqui, Bob Barling, Dr. Ronald Henry, Bob Downing, Ethel Burg, Wilda Long, Robert Henry, Jim Baird, Don Snyder and Sylvia Winslow.

Grants Received for Work

Because of the extremely high temperatures of the desert floor, the exploring, digging and collecting (which could be carried out only on weekends) was halted in May of each year and not resumed until the following September. Dr. Davis received two small grants each from the National Geographic Society and a major grant from the National Science Foundation to help

(Continued on Page 3)



Advanced Technical Objectives Working Gp. on Amphibious Warfare Meets Here

The Naval Weapons Center was the setting last week for a three-day meeting of the Advanced Technical Objectives Working Group (ATOWG) on Amphibious Warfare. Such meetings were initiated several years ago at the direction of the Director of Navy Laboratories as a means of bringing together top officials from the entire complex of Navy laboratories and military commands with a variety of problems, and to evaluate the match between operational requirements and Navy R&D programs.

The primary thrust of this gathering was intelligence, reconnaissance and surveillance as it applies to amphibious warfare. The meeting drew an attendance of more than 50 top officials, including James Probus, the new DNL from Washington, who spoke on "The Impact of Technology on Operating Requirements."

Critical R&D Needs Discussed
Another of the distinguished visitors in attendance at the opening session was Vice Admiral R. S. Salzer, Commander, Amphibious Forces, Pacific, who came here from his headquarters in San Diego. VADM. Salzer discussed "Critical R&D Needs to Support Amphibious Operations."

In addition to those already mentioned, speakers at the first workshop group session on "Fleet Needs and R&D Perspectives" were Major General G. H. Miller, Jr., USMC, Deputy Commander, Fleet Marine Force, Pacific, whose comments centered on "Critical R&D Needs of the Landing Force," and Capt. John Davis, Commander of an Amphibious Squadron based at Coronado, Calif. The latter discussed "Equipment Limitations in Recent Amphibious Exercises."

Since the Naval Coastal Systems Laboratory in Panama City, Fla., has the general lead Navywide in amphibious warfare matters, C. B. Koesy, a representative of NCSL, served as chairman of the working group sessions, while the local sponsor was Duane H. Williams, an NWC employee who had served a six-month tour as VADM. Salzer's science advisor.

Williams is currently head of the Advanced Technology Division in NWC's



WELCOME EXTENDED—On hand to greet Vice Admiral R. S. Salzer (center), Commander, Amphibious Forces, Pacific, when his plane touched down on Oct. 16 at the Naval Air Facility were Rear Admiral R. G. Freeman III (at left) NWC Commander, and Dr. G. L. Hollingsworth, Technical Director. VADM. Salzer was here to attend the opening session of the Advanced Technical Objectives Working Group on Amphibious Warfare. While he was on board the Naval Weapons Center, VADM. Salzer's 3-star flag was broken out and hoisted at the Administration Building. —Photo by Ron Allen

Propulsion Development Department.

The visitors were welcomed on Wednesday morning of last week by Rear Admiral R. G. Freeman III, Naval Weapons Center Commander, as the prelude to a series of individual presentations to all those in attendance. During the latter half of the three-day gathering, the participants were divided into small panel sessions in order to carry out a review of the numerous

programs that come under the general heading of amphibious warfare with an eye toward recommending programs to fill discernible gaps in technology.

The scope of this meeting by members of the Advanced Technical Objectives Working Group on Amphibious Warfare also involved a representative of the Naval Intelligence Support Center, Cdr. W. M. Russ. (Continued on Page 3)

Help To Conserve Paper, Return Grocery Bags to Fazio's Market

Patrons of Fazio's Market at Bennington Plaza are invited and encouraged by the China Lake Community Council board of directors to do their bit in the effort to save paper, and thus add to the nationwide emphasis on ecology and conservation of natural resources.

Rudy Shepard, chairman of the Community Council's Community Improvement Committee, reports that one way local residents can do this is to save their grocery bags and take them back to Fazio's for their own use the next time they go shopping.

Health laws are very strict on this matter, Shepard stated, and do not allow grocery bags to go from house to house. They can, however, be used a second or third time, or for as long as they hold up, by the original recipient as containers for their personal grocery items only.

According to Gary Burke, manager of Fazio's, the market is currently spending approximately \$2,500 per month for grocery bags, and that cost is expected to increase as the price of paper continues to climb.

In view of this, Fazio's Market has agreed to donate to the Community Council a portion of the money it saves on the purchase of grocery bags as a result of the cooperation of local residents, who return their paper bags for refills at the market's

checkout stands. The Community Council, in turn, will make use of this money to obtain more playground equipment, plant trees and generally improve parks and play areas at China Lake.

The grocery bags cost nearly 5 cents each. (Continued on Page 4)

Effort To Reduce NWC's Energy Usage Continues

An abbreviated report on the continuing effort to reduce the Naval Weapons Center's overall energy consumption rate was released this week by Ltj. L. S. Murphy, Public Works project officer.

For the past several months, in line with requirements set forth by the Chief of Naval Material at the time the "energy crunch" was recognized as the nationwide and worldwide problem that it is, efforts have been made to reduce energy consumption at the Center.

Figures released for the month of September 1974, as compared with the rate of consumption in September 1972, were: Electrical power usage, down 13.9 per cent; natural gas use in the housing area, reduced by 19.7 per cent, and use of natural gas in industrial areas, cut by 21.4 per cent.



THRIFT SHOP VOLUNTEERS HONORED—During a regular WACOM meeting, Dr. G. L. Hollingsworth (r.), NWC Technical Director, presented 20-hour certificates to six Thrift Shop volunteers, who donated their time during the period of January through June 1974. The recipients are (l. to r.): Mary Atkinson, Liz Johnson, Lou Hillyer and Kay Joseph. Others who have received certificates, but were unable to be present for the photo, are Mae Rice and Lynn Boles.



STANDARD TIME TO BE RESUMED — The entire nation will go back to standard time for a four-month period starting Sunday. Serving as a helpful reminder about this turn of events, Susan Ogilvie, 5 1/2-year-old daughter of Mr. and Mrs. Kenneth Ogilvie, poses with a pumpkin decorated to resemble the face of a clock—since Halloween is also just around the corner. The nationwide return to standard time calls for all clocks to be set back one hour at 2 a.m. Sunday. Daylight saving time is scheduled to be restored next Feb. 23. —Photo by Ron Allen

Good Times Band To Play for COM Dance

"Swing and sway with the Good Times Music Band!" It doesn't rhyme but members and guests of the Commissioned Officers' Mess should get the message. Drake Dierkhising, club manager, has booked the well-known local group for a dance tonight, beginning at 9 o'clock. Roast Long Island duck is the specialty of the dining room this evening, and members are invited to partake of Chef John Ap-

pleby's creation prior to music time. Tomorrow night the Ed Frezza Duo will provide the background music for the Saturday dancing offering at the club. The fun begins at 9. All COM members are invited to attend. Aetna Man To Visit NWC Jim Neffew, the Aetna Insurance representative, will be at the Community Center next Wednesday, Oct. 30, from 9 a.m. until 1 p.m.

The Rocketeer

Official Weekly Publication Naval Weapons Center China Lake, California

RADM. Rowland G. Freeman, III NWC Commander

Dr. G. L. Hollingsworth Technical Director

C. E. Van Hagan Head, Technical Information Department



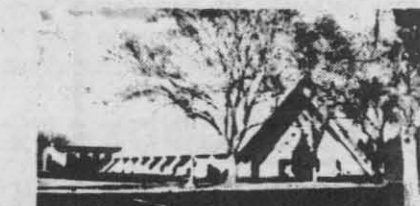
Don R. Yockey Editor

Jack C. Lindsey Associate Editor

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Ron Allen, Maurice Dias Staff Photographers

DEADLINES: Tuesday, 4:30 p.m. Wednesday, 11:30 a.m. Friday, 1st and 3rd ONLY (Sept.-May) Sabbath Services 2000 Sabbath School 0900 UNITARIANS CHAPEL ANNEX 95 1930 Services—(Sept.-May)



DIVINE SERVICES

Table listing various religious services including Protestant, Roman Catholic Mass, BLESSED SACRAMENT CHAPEL, CONFESSIONS, CCD CLASSES, and RELIGIOUS EDUCATION CLASSES.

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 452, 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 456 or 457). 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.

Clerk-Typist, GS 322-3/4, PD No. 7446031, Code 461 — This position is located in the Division Office, Physics Division, Research Department. The incumbent's principal responsibility is to share the workload of the division office, including official letters, contract and purchasing documents, travel documents, and typing of scientific manuscripts. Incumbent will be a trainee editorial clerk. Duties will include typing of finished scientific manuscripts suitable for submission to scientific journals. Job Relevant Criteria: Experience in providing range of clerical and secretarial duties, including typing, filing, telephoning and appointments, some knowledge of or willingness to learn scientific symbols, notation and format. Advancement Potential: GS 5, Editorial Assistant.

File applications for the above with Tina Lowe, Ph. 2722, Bldg. 34, Rm. 206.

Clerk-Typist, GS-322-3, PD No. 7435190, Code 3504 — This position is located in the HARM Program Office, Electronic Systems Department. Incumbent types memorandums, maintains files, answers telephones and provides other clerical duties for the program staff. Job Relevant Criteria: Ability to type proficiently, knowledge of IBM Mag Card typewriters. Ability to get along with other people in a work group. Advancement Potential: GS-4.

Secretary (Typing), GS-318-4 or 5, PD No. 7235216, Code 352 — Incumbent is secretary to the Head, RFP Development Division, Electronic Systems Department. Performs regular secretarial and typing duties. As secretary to the division head, receives and screens all on and off-center visitors; maintains division head calendar; receives, opens and screens all personally directed correspondence and prepares replies on routine and non-technical matters. Performs other secretarial and clerical duties. Job Relevant Criteria: Ability to type proficiently, knowledge of IBM Mag Card typewriters. Ability to get along with other people in a work group. Advancement Potential: GS-4.

Wood Craftsman, WG-4465-10, PD No. 195-3, Code 70427 — Constructs, installs and repairs cabinet work, furniture, displays, models, and similar items. Also may construct and install doors, door jams, locks, panic hardware, sash, screens, screen doors, picture frames, sinks and counter tops including the formica, minor framing and construction.

Heating Equipment Mechanic Helper WG-5309-05, PD No. 130-1, Code 70433 — Assists journeyman in duties involving primary installation, repair, and/or replacement of gas fired heating equipment. Incumbent will be participating in a Pre-Journeyman Development Program.

File applications for the above with Dora Childers, Code 457, Rm. 210, Ph. 2032.

Clerk-Typist, GS-322-3/4, PD No. 7245107, Code 4512 — Incumbent types technical reports, technical notes and other correspondence (official letters and memoranda) generated in the division. Technical reports are typed from handwritten copy or transcribed from a dictaphone. Will perform secretarial and clerical duties for the branch. Job Relevant Criteria: Proficiency in the use of dictating machine and IBM Magnetic Tape Electric typewriter is desirable. Familiarity with engineering/scientific terms.

Vets' Day Holiday Business Hours

Following are the hours of operation for facilities on the Naval Weapons Center during the observance of Veterans' Day, Oct. 28. Hours Hall Memorial Lanes 11 a.m. to 11 p.m. Golf Course Pro Shop and clubhouse 7 a.m. to 7 p.m. Gymnasium 11 a.m. to 6 p.m. Gym swimming pool 12 noon to 6 p.m. Center Theater Regular Hours Beauty Shop 9 a.m. to 5 p.m. Station Pharmacy 10 a.m. to 7 p.m. Fazio's Market 9 a.m. to 9 p.m. Hall Lanes Snack Bar 11 a.m. to 11 p.m. The following facilities will be closed on Monday in observance of Veterans' Day: Auto Hobby Shop, Camping Equipment Issue Room, Ceramic and Hobby Shop complex, Community Center, Center Library, Skeet and Trap Range, CPO Swimming Pool, COM Swimming Pool, Youth Center, Barber Shop, Child Care Center, Station Restaurant, Laundry, FEDCO service station, and all Navy Exchange facilities with the exception of the snack bar at Hall Lanes.

PROMOTIONAL OPPORTUNITIES

File applications for the above with Mary Morrison, Code 457, Rm. 210, Ph. 2393. Electronics Technician, GS-856-9/10/11, PD No. 435035, Code 3731 — Located in the Instrumentation Development Branch the incumbent designs and modifies electronic equipment as required for special tests and data collection requirements. Fabricates and installs equipment per engineering sketches; calibrates and maintains existing and new equipment to insure reliability of recorded data. Job Relevant Criteria: Familiarity with telemetry receiving equipment. Ability to troubleshoot electronic equipment, make repairs and replace or modify existing components. Familiarity with a wide range of data recording devices is desirable.

Electronics Technician, GS-856-7/8/9, PD No. 7437048, Code 3731 — The incumbent is responsible for the design, modifications, operation, and maintenance of electronic measurement systems and electronic digital data systems and related equipment to collect and handle data for tests conducted on the Center. Job Relevant Criteria: Range operations experience; thorough knowledge of electronic measurement and data collection methods and equipment with emphasis on handling data transmission, reception, recording, and display.

Library Technician, GS-1411-3/4, PD No. 7453036, Code 5334 — This position is located in the Descriptive Cataloging Branch, Technical Information Department. The incumbent performs descriptive cataloging of new technical reports. Miscellaneous duties include filing, reclassifying, updating material and using the on line computer. Job Relevant Criteria: Ability to catalog various technical reports; ability to independently perform duties; ability to apply library policies and propose new cataloging approaches.

Library Technician, GS-1411-3/4, PD No. 7453056, Code 5334 — This position is located in the Descriptive Cataloging Branch, Technical Information Division, Technical Information Department. The incumbent will perform descriptive cataloging of technical reports (serial and monographs) and books. This includes searching the card catalogs, determining the form of entry, etc. He/she will also file report and book cards, and keeps reference works/other publications current. Job Relevant Criteria: Ability to perform duties accurately; ability to apply various library policies; ability to follow instructions.

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

Square Dance Clubs Set Double-Header For This Weekend

"Round and round, and round you go," will be the cry this weekend as the Jim Dandies and Cactus Squares square dancing clubs join together for a double-barreled invitation to fun.

On Saturday, from 8 to 11 p.m. at the Community Center, the Jim Dandies have invited Nelson Watkins to call the turns. Watkins, who hails from La Mesa, Calif., is well known for his innovative and bright calls.

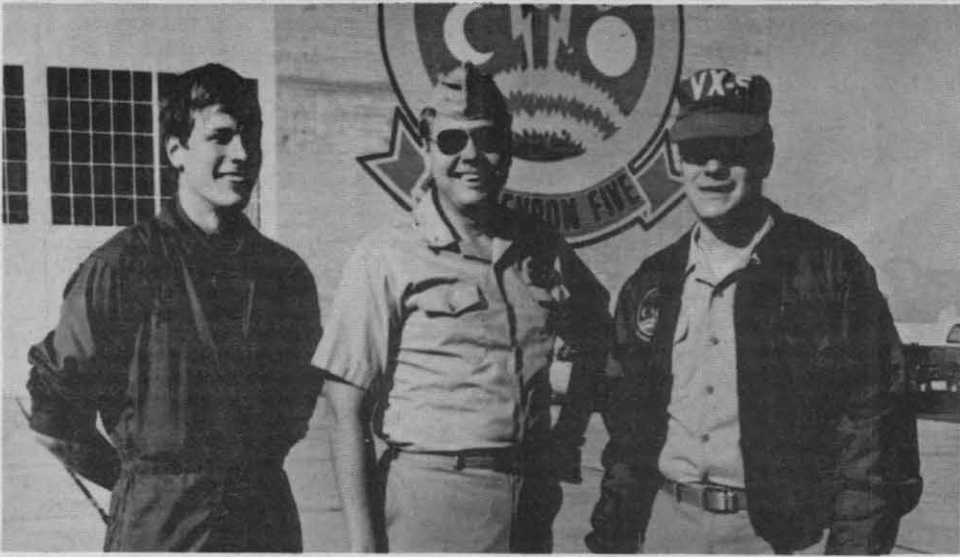
All members of the Jim Dandies are asked to bring one-half gallon of apple cider and one-half dozen doughnuts.

On Sunday afternoon, from 2 to 5 o'clock, Bill Peters, a nationally known caller from San Jose, Calif., will lead the Cactus Squares' half of the bonanza weekend. All members of that club are asked to bring hours d'oeuvres.

Naturally, members of both clubs, and any other interested persons, are invited to come to both dances, or either one. A donation of \$3 per couple will be asked for each dance.

Attention Skeet Shooters!

New hours of operation have been initiated on Saturdays and Sundays at the Skeet and Trap Range. They are from 10 a.m. to 3 p.m. For further information, contact Randy Gamble by calling NWC ext. 2283.



MORE THAN JUST PILOTS — The three Navy pilots pictured above are all brothers. LCDr. Michael W. Riley (r.), Projects Director at Air Test and Evaluation Squadron Five, was on hand recently to greet two of his four brothers when they flew to China Lake for a visit. They are LtJg. Daniel D. Riley (l.), who is home-based at San Diego with VAW-111, and LCDr. David R. Riley, the Air Warfare Officer with Cruiser / Destroyer Group Three, also in San Diego. A fourth brother and Navy pilot is Lt. Steve E. Riley, who is an instructor for VT-28 in Corpus Christi, Tex. According to LCDr. Mike Riley, a fifth member of the Riley family is brother Mark, who tried flying in the Navy and decided it wasn't for him. He is presently working on a master's degree in urban planning at the University of Akron, in Akron, O. Dan and Mike once made a two-month cruise together to the Gulf of Tonkin on board the USS Oriskany in 1970, but so far, the brothers have not been stationed together. The Rileys' parents live in Portland, Ore.

HAIL AND FAREWELL

For the month of September 1974 NEW ARRIVALS-CIVILIAN Code 1764—Rebecca A. Christian; Code 1765—Lesley R. Kleener; Code 5141—Gregory K. Hearn; Code 5513—William L. Reed; Code 5541—Joseph D. Roberts; Code 5556—James F. Sturdy; Code 6521—Naomia J. Miller, Samuel J. Pinnell and Elvira Vega; Code 7042—Charles M. Caughman; Code 843—Robert L. White; Code 883—Margaret E. Stanton; Code 1762—Susan J. Randall; Code 1764—Mary J. Sasek; Code 2522—William M. McDonald; Code 25912—Daniel J. Foster; Code 4002—Mary J. Bowles; Code 4041—Diana M. Johnson; Code 4545—Robert N. Tremonte; Code 45—Catherine R. E. Donoghue; Code 55452—Terry W. Taylor; Code 55471—Thomas Boves; Code 5582—Melvin L. Erickson; Code 6521—Susan L. Gilliland; Code 6522—Charles J. Maca; Code 7042—Harry E. Hamilton; Code 7041—Michael J. Wiscarver; Code 8514—Bobby G. Cox; Code 1701—Melissa K. Keith; Code 1765—Sammie L. McCarty; Code 25921—Charles W. Stanley; Code 70412—Terence J. Mead; Code 70414—Mark W. Panry Jr. CIVILIAN-DEPARTURES Code 05—Betty Speckels; Code 12—Dale M. Bryson; Code 251—Dallas J. Knight; Code 2522—Heddi M. Irby; Code 255—Alice C. Atkinson; Code 2592—Therissa G. Elliott; Code 3123—David K. Andes; Code 3101—Jack W. Bumgarner; Code 3125—Nancy J. Brown; Code 3235—Robert C. Fields; Code 3342—Dale L. Christianson; Code 3522—Saad H. Amer; Code 40405—William A. Irby; Code 45532—Theo F. Miller; Code 5124—Erik H. Lepnik; Code 5302—Beverly J. Calderwood; Code 5323—Henry J. Machlay and Steven S. Wilson; Code 55461—James D. Bauman; Code 5555—John E. Chaffield; Code 6019—Robert Glosser; Code 602—Glenn R. Rosemore; Code 658—Steven M. Cato; Code 703—James D. Grisham and Elaine M. Payne; Code 70414—Melvin C. Taunton; Code 7042—William L. Hamson; Code 84223—Robert D. Scott; Code 8514—James C. Davis 11; Code 88—Donna L. Bridges; Code 178—Freda B. Kosakoff; Code 2522—Barbara T. Harrigal; Code 25712—Lorraine S. Preston; Code 2575—Minerva P. Holmes; Code 2593—Steven F. Nathan; Code 31—Susan J. White; Code 32—Melody C. Inman; Code 333—Mary A. Atkinson; Code 35123—Laurence L. Tiffany; Code 3722—Michael Brienstein; Code 3723—John S. Stable; Code 4013—Helena J. Johnson; Code 40408—Jay A. Tolman; Code 407—Jeanie F. Kaufman; Code 4546—Amy L. Canning; Code 5334—Robert P. Sprague; Code 5341—Sally A. Schneider; Code 55—Loretta J. Dipol; Code 5532—Timothy F. Cox; Code 5535—William E. Krupp and Samuel Y. Liao; Code 70416—Joseph W. Anderson; Code 70426—David D. Lusher; Code 8412—Candy R. Koons; Code 855—Karl A. Kinder; Code 09—Armin C. Pearson; Code 178—George C. Covert; Code 221—Gary L. Corlett; Code 2575—Stephen J. Backman; Code 3133—Kris A. Kaufman; Code 3335—Richard D. Graham; Code 3723—Daniel T. Kus; Code 4003—Martha E. Bock; Code 4053—Steven J. Hawthorne; Code 4094—Alison J. Kim; Code 4541—David A. Collette; Code 511—Donna J. Cabe; Code 5125—Larry A. Slurm; Code 513—Joyce L. Lee; Code 5143—Michael L. Lakin; Code 5322—Elizabeth M. Kuder; Code 533—Mary L. Browne; Code 5334—Margaret M. Whitson; Code 5502—Georgiana M. Gregory; Code 551—James R. Harrison; Code 5513—Benjamin J. Lee and Michael W. Olmstead; Code 553—Laurie A. Baker; Code 5536—Fred E. Ziesenheim; Code 55484—Vito A. Dalto; Code 558—Stephani L. Lakin; Code 6021—Wayne L. Teeter; Code 65—Jeri L. Withcer; Code 7038—Michael D. Ogan; Code 70412—Samuel K. Antrim; Code 70781—Luther L. Jones; Code 843—Wayne J. Becklet; Code 173—Ethel G. Szidak; Code 2522—Kathryn J. Antu and Christine L. Kerbow; Code 3108—Sandra C. Pearson; Code 3113—Dale S. Schmitz; Code 3332—David R. Sletty; Code 3531—Augusto J. Vanegas; Code 3322—Margaret A. Kromeyer; Code 3556—Richard G. Bahlor; Code 3715—Ede M. Miller; Code 40408—Joseph E. Strang and Brent A. Teeter; Code 4054—Steven W. Zellmer; Code 4057—Howard T. Nakagiri; Code 4531—John S. Pearson; Code 5131—Robert R. Henry; Code 532—Everett B. Baker; Code 5335—Raymond S. Hibler; Code 5502—Jean P. Bulter; Code 55301—Edward O. Chaplin; Code 5532—Thomas L. Chapman and Robert H. Statton II; Code 6022—Richard S. Clark; Code 652—Robert C. Nelligan; Code 70427—Richard M. Rook; Code 70781—Billy J. Martin; Code 841—Mark D. Spilker; Code 842—Leo W. Blowers Jr.; Code 84213—Randall L. Carter.

NWC OFFICERS Departures: CWO3 Charles L. Wilson. NAF OFFICERS Arrivals—Lt. Richard Schweitzer, Lt. David W. Herrington. VX-S OFFICERS Arrivals—Ldr. Floyd M. Oakes. Departures: Lt. Norman L. Hansen II. NAF ENLISTED PERSONNEL Arrivals—AMS2 Louis A. Kilpatrick, AE2 Dennis D. Hoff, HN Anthony Gusman, FTMI Karl H. Stromberg, Jr., HM Ronald P. Reyes, ADH2 John G. Gallagher III, ETSA Michael N. Fitzgerald, ADRC Franklin D. Bolton, ABHC Robert E. Haggerty, ASC Johnnie R. Calhoun, A01 New A. Adams, FTCS William H. Mills, ASHAA Mark E. Kriley; AR Terry L. Baker, AR Josefine M. White, ADJAA Constance C. Schrapar, SHC Jesus J. Rabago, AOCOM Franklin H. Parker. Departures: ACAN Tius J. Searcy, SD2 James R. Walker, SH1 Lloyd S. Baker, ADRC Napoleon T. Granit, GMG1 Robert J. Lorden, AME2 Mark J. Donohue, HM Stanley V. Hodges, ADJAA Glenn A. Woller, AN Robert N. Tremonte, AES Anthony E. Haselden, AKCS Ronald P. Cadari, SD2 Juan P. Aure, A03 Steven A. Smith, ETM3 Dean W. Laich, FHCS James A. Murphy, AMS1 Raymond J. Brode, ADJC Thomas D. Dunn, ABHC Alfonso Gomez, ADRC John A. Peterson Jr., PAVCS Clarence J. Hicks, AEC5 Nelson J. June, ABHC Kenneth R. Woods, ETR2 Leon G. Biesldecki, AT2 Clint Moss, AMS1 Zebbede Adair, AKAN Patricia A. Tamarin, YN2 Ronald E. Black, ADJ1 James A. Thompson. VX-S ENLISTED PERSONNEL Arrivals—A02 Patrick A. Tracey, ADJAA William J. Russell, PMSN Wendy A. Cosby, ADJ1 Anthony J. Ramirez, AEA4 Craig L. Hiller, AQAA Thomas J. Burke, PH2 Terry A. Miles, AMEA4 Mauro C. Onia, A0AA Mark A. Berquist, ADJC Maurice R. Mack. Departures: AO2 William E. Rice, AN Adan R. Salas. ARMY & AIR FORCE LIAISON OFFICE Departures: Lt. Col. Michael J. Hall. MARINE LIAISON OFFICE Arrivals—Capt. B. K. White.

Employee In The Spotlight

Muriel Bryant and her friend, Junice Onnes, came to visit Muriel's aunt and uncle, the Gordon Silers, back in 1945 when Gordon was just settling down in Inyokern. (He worked for Hildreth Motors as the service manager for many years.)



Muriel E. Bryant

Muriel thought that Inyokern was a good place to be if one wanted to "have a ball," but she had no thought about living here. Her friend, however, filled out an application for employment at the then fledgling Naval Ordnance Test Station. For lack of something better to do, so did Muriel. "I never dreamed that I would be coming to work here," she said. When Muriel returned to the San Pedro shipyards, where she was employed, her boss called her in and asked her why she wanted to change jobs. Then she found out she had signed a request for transfer and a few days later, she moved to Inyokern.

"We were living in old Dorm 7, with the women on the top floor and the men on the bottom floor," she recalled. Muriel claims she could tell some pretty unbelievable stories about that arrangement, but declined to offer further comment.

"Living here in the early days was really fun," she said. "There were rodeos and all sorts of things to do, although the weather made things a bit inconvenient from time to time." The desert was not the environment Muriel was used to.

Born in Newman Grove, Neb., and raised on a farm, Muriel grew up in that rural community until she was graduated from Newman Grove High School. For the next three years she taught grades 1-8 in a country schoolhouse at Primrose, Neb., and in one near her hometown. During the summers she was working for the Philip R. Parks Co., manufacturers of livestock feed, in San Pedro, Calif.

Came Here in Mid-1945 Finally, in 1944, she moved permanently to California. Muriel came to Inyokern and her job at NOTS (now NWC) in mid-1945 and started work here as a telephone operator in the old Administration Bldg. (now the Training Bldg.). A short while later, Muriel joined Carl Sandage at the Supply Department as a property and supply clerk. A few months later she was made supervisor of the Inspection Reports section.

Five years after that, when the section was moved to Pasadena, Muriel transferred to the Planning Division. One of her first

duties was to help set up the Pasadena branch of the Procurement Division.

She had met her first husband, Edwin Attkisson, in 1947. He was an electrician at Salt Wells for the Atomic Energy Commission. The couple was soon married. Prior to the birth of their first child, Terry, Muriel transferred to the newly formed Technical Information Department and set up the department's distribution staff. That was in 1954. After six months there, she quit to have her baby.

Another child came soon after that—Larry—who is now a junior at Burroughs High School. When Muriel's husband died in 1961, she returned to work. "At first I went back into the Supply Department, but then I took a job in Public Works to head up the Personnel Section, replacing Eva Bien, who went to the Personnel Department," Muriel recalled. Not long after that, Muriel met Jim Bryant, a chief in the Navy assigned to duty with Air Test and Evaluation Squadron Five.

The couple was married and before long Muriel was expecting another child. When Linda was born in 1964, Muriel quit work only long enough to have the baby and recuperate, and then rejoined the work force. Jim soon retired from the Navy and is now working as an electronics equipment specialist in the Standards Lab.

In January 1965 Muriel joined the group where she is now employed.

Earliest Memories of NOTS One of her earliest memories of NOTS is waking up at 3 a.m. to the smell of bakery goods. "The Station's bake shop was only a dorm or so away. Three or four of us girls would creep over there before the sun was up and the cook would always give us free bakery goods," she sighed. "They were delicious."

Muriel also remembers the married couple's dorm. "We used to call it the 'incubator,'" she grinned. "Things have changed a lot, but China Lake is still a great place to live," she avowed.

Muriel's main interests have been her children and taking weekend trips. The Bryants own an Airstream trailer and belong to the Wally Byum Travel Club. "We've taken a few short trips with the group, nothing elaborate," she confessed. "However... maybe when we retire," she mused.

Wilt's Corner . . .

(Continued from Page 6) the weight training room at the gymnasium has been enlarged to accommodate about 20 people at one time. Wyman said all those persons interested in scheduling regular work-outs with supervision should contact him at ext. 2334. He noted that if enough persons are interested, classes will be scheduled.

Flag Football Note

The New Breed team has dropped out of the Flag Football League, but the league will continue with only three teams.



THE GOBLINS WILL GETCHA! — Three horrible spooks (l.-r.)—the witch is Claudia Olson, the ghost is Eileen Evans, and the devil is Phyllis Martineau—are planning to sally forth on Saturday, Sunday and Monday as a prelude to Halloween at the Children's Haunted House, 301 Dorado St., in Wherry Housing. Children will be guided through the haunted house by ghosts, witches and other Halloween characters, all sponsored by the High Desert Junior Woman's Club. Admission fee is 25 cents and popcorn and soda pop will also be available. Hours of the haunted house are 12-5 p.m. and 7-9 p.m. on Saturday; 12-5 p.m. on Sunday, and from 3-6 p.m. on Monday. The club is primarily a social service organization open to young women from 18 to 35 years of age. Members work on projects in the areas of education, fine arts, health, safety, youth and conservation.



Are you the kind of person who enjoys abuse? Do you like being criticized? Are you thick-skinned? Then becoming a member of the Mojave Desert Officials' Association is just for you.

Tom Fortney, chief ump hereabouts, needs referees, umpires and others of their ilk. The sports to be covered by these silent, stonewall arbitrators are basketball, softball, football, etc.

Interested persons should contact Big Tom at 375-8536.

The China Lake Youth Center is registering basketball players for the season which begins in late November. Sign-ups are under way at the Youth Center and will continue until Friday, Nov. 29.

The program is open to all persons eligible to join the Youth Center, which takes in youngsters 7½ years of age through high school, and who are dependents of either active duty or retired military personnel, civilian employees of the Center, or employees of Center support activities.

Five divisions will be scheduled for the Youth League. These are the Instructional, for boys 7½ and 8 years of age; Intermediate, 9 and 10 years of age; Junior, for boys 11 and 12 years old; Senior, for those youngsters who are enrolled in the 7th, 8th and 9th grades, and the High School division, for 10th, 11th and 12th graders.

A registration fee of \$7.50 will be charged non-members of the Youth Center, while members will be asked only \$5.50. The fee must be paid at the time of registration.

MDISL Golf Captain Predicts Win This Week at Norton AFB

Max Smith, current China Lake Men's Club golf champion and captain of the 1974 Mojave Desert Inter-Service League golf team, is excited about the team's prospects this year.

"We've won this thing three of the past four times, losing only last year, and I think we're going to bring the title back home here where it belongs," he commented. Smith signed up nine golfers besides himself to compete at Norton Air Force Base in San Bernardino during the competition which began yesterday and concludes today.

The team traveled to San Bernardino on Wednesday to play a practice round before the start of the competition. The line-up is impressive. Playing for China Lake are:

Leo Enriquez, former three-time club champion; Bob Moore, former club champ; Dick Clay, another former Athlete of the Year at NWC; Luke Thomas, a new arrival on the Center who hits a very long ball; Joe Jones, another big belter; Curt Bryan, one of the steadiest golfers on the local links; Karl Kail, an upcoming star on the local horizon, and Mel Hughes, a scratch golfer who had an opportunity to turn professional after his graduation from college, but chose the U.S. Navy instead.

Highest handicap on the team is a five. Smith, Enriquez, Hooper, Thomas and Kail are at that figure, while Jones is a four. Clay, Bryan and Moore are two-handicappers.



THERE HE GOES AGAIN — Steve Blanche (No. 44), who gained 182 yds. in 30 carries against the Palmdale Falcons last Friday night, is shown sweeping left end behind the wake of Mark McDowell (black Jersey, foreground) for another long gainer. The junior tailback scored twice to aid in the Burros' 22-20 victory over the Falcons. Unfortunately, No. 44 won't be in the lineup tonight as the Burros take on the Victor Valley team. He was injured during a play late in the fourth quarter and will take a week's rest. —Photo by Ron Allen

Burros Defeat Palmdale, 22-20 On Fluke Play by Mark McDowell

A 22-point surge in the second quarter was enough for the Burroughs High School varsity football team to notch a 22-20 victory over the Palmdale Falcons last Friday night at the local high school football field.

The victory was a costly one, however, Junior tailback Steve Blanche, the Golden League's leading rusher with 421 yds. in 75 carries, was injured and will not suit up for tonight's game against Victor Valley, at Victorville. Blanche suffered a bruised knee when he was tackled by the Falcons' Marvin Warren late in the fourth quarter.

Blanche, who also leads the league in

10 Strikes in Row Ends in 277 Game For Peggy Perrige

Some very high scores, led by Peggy Perrige's 277 game, were bowled this past week at Hall Memorial Lanes during league play. Mrs. Perrige's gem came during competition in the Monday Women's Scratch League, and is the high game bowled by a keggerette so far this season.

Also in the same league, Sue Haack posted a 255 single and a 628 series. Maggie Branson fired a 235 game and a 550 set, while Maggie Struska scored with a 231 single effort. Other high games included Willie Johnson's 213, a 207 by Linda Jeffris, and Doris Cosner's 202.

Friday Mixed 4-Some
RC Jones rolled a 268 single and a 645 series to lead the male scoring in this league last week, but Chuck Cutsinger's 265 single was close behind. Cutsinger hit a 624 series. Right with them was Zeke Boyack, who bowled a 263 single and a 614 series. Allen Smith tallied with 244-623 and Ernie Lanterman recorded a 601 three game set.

For the women, Maggie Branson was high with a 554 series and a 200 single game. Aline Schad notched a 208-508, Val Strommen hit 509, and Doris Boyack scored with a 513 set. Also tallying 513 were Erna Erickson, who had a 212 single in her set, and Pat Brightwell, who rolled a 201 game. Peggy Ames recorded a 523 series.

Premier League
The women's scratch league was a lot more exciting last Monday night, as the men's scores were not that outstanding. Some of the league's high scores were:

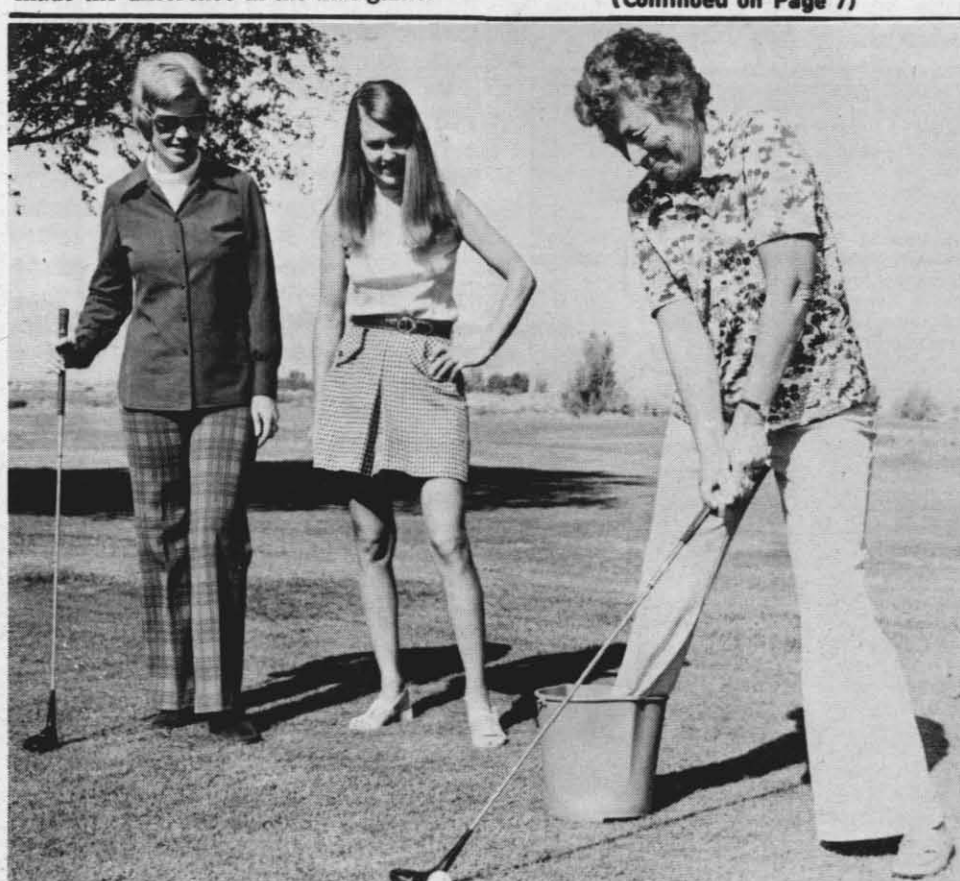
By Nelson, 248-613; RC Jones, 236-635; Thad Brightwell, 233-634; Dick Davis, 234-631; Billy Esch, 235-618; Ed Ranck, 612; Art Karrer, 608; Benny Whiteside, 225-602; and Kim Duckett, 226-602.

touchdowns, scored twice in Friday's game.

The first time was on a 67 yd. run through the middle of the Falcon line early in the second quarter. Blanche's second TD came the next time the Burros got the ball after containing the Falcon offense. He swept around right end and crashed over the goal line on a 7 yd. gainer. Mark McDowell, Burros fullback booted the PAT each time.

On the third possession of the quarter by the local team, Kevin Smith, Burros quarterback, hit Steve Paine on an 18 yd. aerial that was good for the green-and-white's third score of the stanza. The conversion try was a Rube Goldberg production that went for two points instead of the intended one point effort.

Smith couldn't reach the high snap from center and McDowell, who was set to kick the ball, caught it instead and ran it into the end zone for a two-point play. The "fluke" made the difference in the ball game.



THAT'S SOME HANDICAP! — Sue Bates (foot in bucket) prepares to tee-off during a practice session for the upcoming WACOM Scotch sixsome Golf Tournament, which is set for Sunday at the local links. Mrs. Bates, who is a member of the WACOM board of directors, explains the procedure to Jean Boyd (l.), WACOM secretary, and Laura Kail, chairman of the tournament. Other surprises are in store for tourney participants, such as putting on a green littered with potatoes, driving off of a mattress, hitting the ball with a long, limber club, and other zany ideas. A \$2 fee for both men and women will entitle the participant to 18 holes of golf, refreshments while on the course, and a cocktail party with hors d'oeuvres that is to be held at the COM. A sign-up sheet is located at the clubhouse.

Wilt's Corner

Sign-ups for intramural basketball end today at 4 p.m. League play will begin on Tuesday. Vacancies still exist on some teams for players. A captain's meeting will be held at 5 p.m. today in the Community Center.

Wilt Wyman, director of athletics and youth activities, has divided the league into four separate divisions—A, B, C and D for those over 35 years of age.

Division A is for those players who are highly skilled; Division B is for better-than-average players; average players will be scheduled in Division C, and all players who are over 35 will be put into the final division, with the exception of those hoopsters who qualify for this division but are signed to play on a team in one of the other three.

Wyman needs a coach for the varsity basketball team—preferably a military man. The first meeting of the season will be held at 5 p.m. on Tuesday at the gymnasium. Wyman also noted that men may compete in the intramural league and also play on the varsity squad.

Badminton Tourney Set

A tournament to select the two-man team that will represent NWC in the MDISL Minor Sports Carnival at Norton AFB in San Bernardino Nov. 14-17 in the sport of badminton, will be held on Saturday, Nov. 9, at the gymnasium.

All persons interested in competing in this tourney are asked to call Wyman at NWC ext. 2334. Entry blanks are available at the gym.

In addition, racquetball and handball players are needed for the NWC team that will go to Norton AFB. Persons interested in competing in either of those two sports are also asked to call Wyman.

Soccer

Wyman sent out a reminder on the soccer teams for both men and children that he has formed. Practice is currently under way at Schoeffel Field on Monday and Wednesday evenings, beginning at 5 o'clock. Interested persons should put on their soccer togs and get to the field on those days.

Another new area to be offered by Special Services is archery. Wyman would like to hear from persons interested in target archery or bow hunting. Another person to contact is Gordon Oland, NWC ext. 4352.

Weight Room Enlarged

By the simple process of cleaning it up,

(Continued on Page 7)



DISTINGUISHED VISITOR — James Probus (center), newly-appointed Director of Navy Laboratories, was one of the top officials to attend last week's meeting of the Advanced Technical Objectives Working Group on Amphibious Warfare. In addition to his own part in the opening day session, Mr. Probus was taken on a tour of the NWC range areas, received briefings about subjects of special interest to him in his new duties, and inspected displays of hardware that were set up for his view at the Naval Air Facility. The Director of Navy Laboratories also had time to meet briefly with Rear Admiral R. G. Freeman III (at right), NWC Commander, and Dr. G. L. Hollingsworth, Technical Director. —Photo by Maurice Dias

Amphibious Warfare Meeting . . .

(Continued from Page 1)

Jr., who spoke about "The Soviet Ocean Surveillance System," and the Army was involved with reports regarding its R&D programs in combat surveillance and target acquisition, as well as in terrain mapping.

Spokesmen for the Army on these subjects were Herbert Goldwag, Director of the Combat Surveillance and Target Acquisition Lab, and Dr. Kenneth Kothe, from the U.S. Army Engineer Topographic Laboratory.

In addition, the Naval Air Systems Command in Washington was represented by Murray Schefer, whose presentation covered "Navy R&D Programs in Airborne Environmental Support."

Attention was focused during the third ATOWG session on war games involving amphibious operations. The discussion leader was Lt. Col. B. J. Palmer, USMC, who is from the Naval War College in Newport, R. I.

Role of NWC Outlined

At the opening of the second day of the meeting, Frank Buffum got the ball rolling with a discussion of NWC participation in amphibious exercises. Buffum is the Weapons Planning Group's Fleet Technology Liaison Coordinator.

Thereafter, the meeting was split up into panel sessions whose members examined the requirements as they saw them in specific areas. The conclusions and recommendations which evolved from these discussions were turned over to Mr. Koesy, the ATOWG-AW chairman, whose task it will be to assemble the information and prepare an annual report for the Director of Navy Laboratories.

In addition to those already mentioned, included among the laboratories and military headquarters represented at last

week's meeting here were:

The Naval Air Development Center, the Naval Ships and Development Center, the Office of Naval Research, Marine Corps Headquarters, the Applied Physics Laboratory of John Hopkins University, the Naval Missile Center, the Naval Ordnance Station, the Naval Surface Weapons Center, the Naval Electronics Laboratory Center, the Naval Underwater Systems Center, the Naval Research Laboratory, the Naval Postgraduate School and the Naval Personnel Research and Development Center.

Course Offered For Women Interested In Career Development

Women employees interested in applying for a course entitled "Self-Directed Career Development for Women" have until Oct. 29 to submit a completed NWC enrollment form via department channels to Code 654.

This course, which is to be held Dec. 11-13 from 8 a.m. to 4:30 p.m. in the Training Center, will be conducted by Janice Kay, a management consultant. It is designed to help women seeking a greater understanding of their work to explore new possibilities, challenges and career goals.

Intended for women in managerial, professional, administrative and clerical positions, the course concentrates on helping each woman to build a personal portfolio reflecting work, education, training and leisure activities.

Each participant must complete a personal history sheet that will enable the instructor to have a vocational assessment on each student by the starting date of the class.

Mammoth's Jawbone Found . . .

(Continued from Page 1)

finance the work.

The first tip-off that the China Lake basin was a potentially ripe source for uncovering clues to the prehistoric past came about during the latter part of the 1960s, when Bill Fagnant, then a college student working here during the summer months, and his brother, found Paleo Indian tools on the surface of the dry lake bed.

Since that time, there has been collecting work on the surface, as well as some excavation in an area about 1½ miles square. Shortly after the work was begun five years ago by Dr. Davis, her colleagues and co-workers, fossilized remains of Pleistocene age animals—similar to those found in the LaBrea tar pits in Los Angeles—were found here.

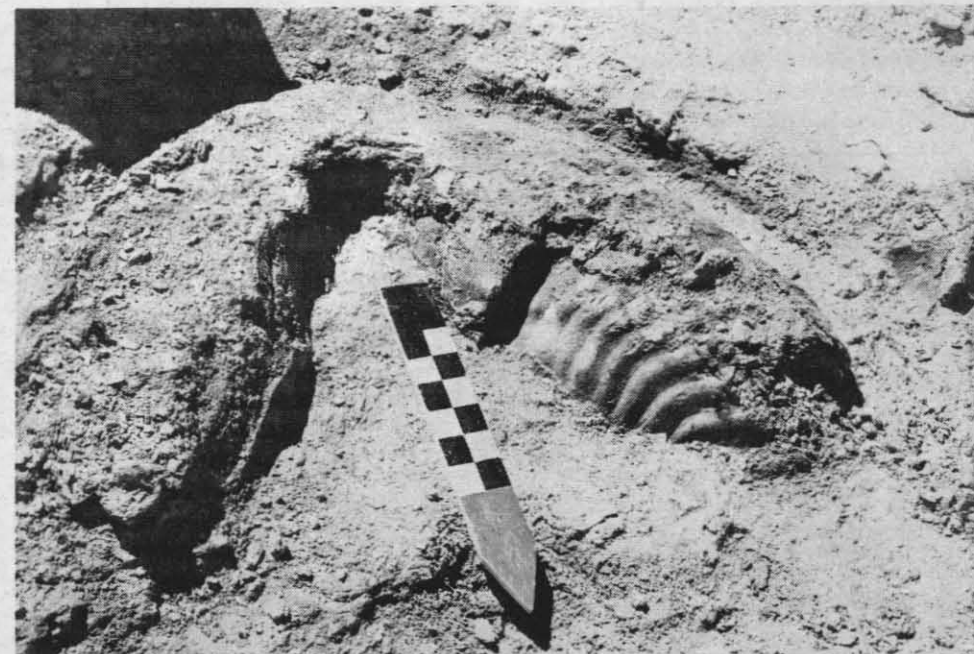
The local finds (mostly fragments of bones) are all of extinct animals dating back between 10,000 and 20,000 years ago. In one instance, a bison skull was uncovered and in another a mammoth tusk was found.

Some of the ancient bones—among them a

fragmentary remains of at least nine mammoths near ancient Indian campsites. At the C-range site, hundreds of fragments of mammoth teeth are scattered about among numerous flakes of stone left by the people who hunted in that particular area. The hunters also left behind them such work tools as spear points, scrapers, knives, and fragments of the bones of camels and horses on which they preyed.

Toward the end of the Pleistocene Ice Ages, researchers have found there were two distinctively different kinds of elephants in California—mastodons and mammoths. Their presence in Indian Wells Valley is evidence that this area was, at times, a savanna, since it would take several tons of hay and over 50 gallons of water a day to support an adult mammoth.

It is likely that dessication of the Mojave Desert accounts in large part for the extinction of these gigantic creatures. Just when this climatic deterioration took place is the object of continuing research—some of it being carried out by drilling from the



PART OF PREHISTORIC MAMMAL — Before being prepared for a trip to the Maturango Museum's archeology lab, this photo was taken of the complete lower jaw of a Columbian mammoth—a creature that pre-dated the elephant, but became extinct at the end of the Pleistocene era. The size of the jaw can be estimated by comparing it to the wooden marker on which each square is an inch.

mammoth tusk and foreleg of the same mammoth—have been on display in the Maturango Museum for more than a year, Mrs. Panlaqui, a local resident who worked closely with Dr. Davis and has been involved in the local museum's archeological efforts, reported.

The finding of Paleo-Indian tools in close association with the fossilized bones of prehistoric mammals makes this one of the best-authenticated cases in California that an ancient man existed at the same time as the enormous beasts that migrated to the Americas over the same Bering Straits land bridge which was used much later by humans.

In the China Lake basin have been found

sediments in the bottom of Little Lake. This phase of the work has been done by Dr. Peter Mehringer, from the Laboratory of Anthropology at Washington State University, who came here in June with a crew to do the coring. Analysis of the cores is still in progress at the laboratory.

Scientists are endeavoring to uncover information as far back as 10,000 to 12,000 years ago, since this is expected to disclose much of what changes in the world's weather can be expected in the immediate future, and how to avoid catastrophe. The study of the ancient animal and human inhabitants of Indian Wells Valley and the climatic changes that have occurred are a part of this overall effort.

Special Hunt Applications Still Being Taken

While the application deadline has passed for hunters wishing to get in on the first weekend of the special hunt for chukar and rabbits that is coming up Nov. 2-3 on a portion of the NWC northern range area, it's still possible to apply for a permit to take part in similar hunts that are scheduled Nov. 9-10 and 16-17.

Military and civilian personnel of the Naval Weapons Center and other personnel who reside on the Center may use the Mountain Springs Canyon gate to enter the hunting area. For all other hunters, entry will be via the check station at Darwin gate on the north perimeter of NWC. Hours of hunting will be between 6 a.m. and 5 p.m. on all three weekends.

Everyone entering the hunting area must have an approved hunting permit. Applications for the permits can be made in person by contacting Mrs. Natalie Harrison in Rm. 202 of the Housing Office building. Requests for applications, accompanied by a self-addressed stamped envelope, also can be sent to the Natural Resources

Management Office, (Code 70309), Naval Weapons Center, China Lake, Calif. 93555. There is no charge for the permits, but just 500 will be issued on a first-come, first-served basis.

Only hunters with valid Darwin gate permits will be allowed entry at that point, and the same applies to hunters with valid Mountain Springs Canyon permits. All vehicles and permits will be logged at entry check points manned by NWC Security Department personnel.

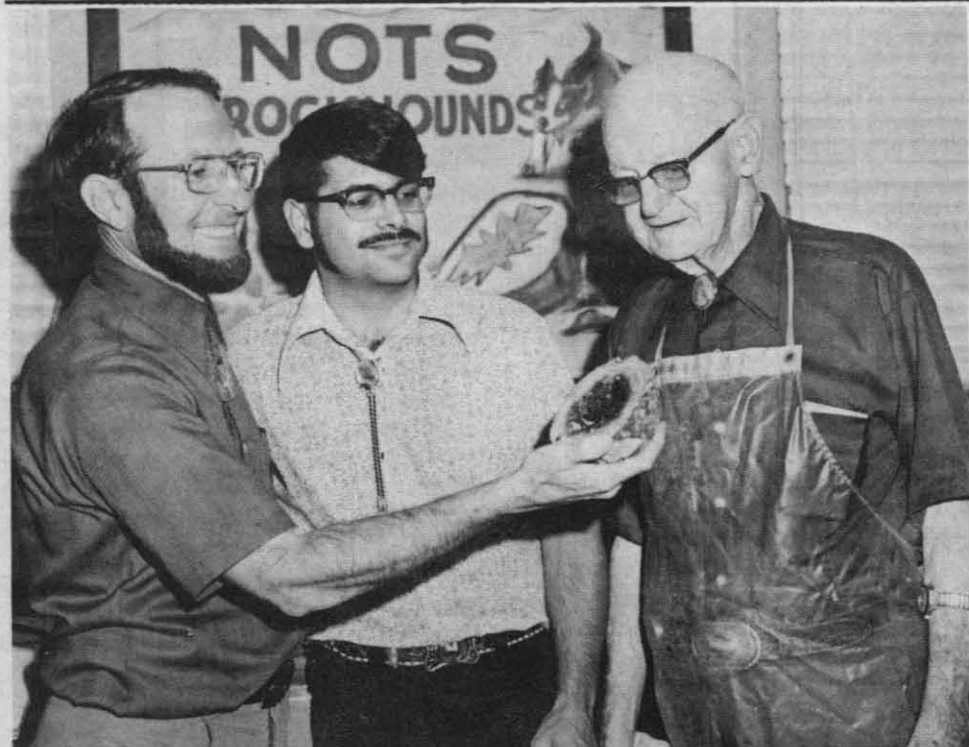
Office To Be Relocated

The Official Clearance Section (Code 84122) of the Security Department's Security Operations Division, will be moved to a new location next Thursday, Oct. 31.

The new location of this office, which is headed by Amy Disch, will be in Rm. 211 on the second floor of the Housing Office building. The telephone number, ext. 2079, will remain the same.



FLIES IN FROM HAWAII — A meeting of the Advanced Technical Objectives Working Group on Amphibious Warfare brought Major General T. H. Miller, USMC, Deputy Commander of the Fleet Marine Force, Pacific, here from Hawaii. He was welcomed to China Lake by Lt. Col. E. C. Paige (at left), Marine Corps Liaison Officer at the Naval Weapons Center. —Photo by Maurice V. Dias



GEM AND MINERAL SHOW COMING — Dick Fulmer (l.), publicity chairman for the IWV Gem and Mineral Society's annual show, which will be held on Nov. 2 and 3 at the NWC Community Center, shows an amethyst geode, cut in half, to Craig Rae (c.), show chairman, and Frank "Pop" Thorpe, lapidary chairman for the society. Geodes such as the one shown above, will be on sale during the two-day event. On display will be minerals, fossils, jewelry and rocks of all kinds. Films will be shown and field trips have been planned for both days.

Deterrent to Crime

Foot Patrol Beats Initiated By China Lake Police Division

The China Lake Police Division of the NWC Security Department has taken a long look at the past traditions of police forces in America and reverted back to one of the better practices of bygone eras—the foot patrol officer.

Beginning on Monday, patrol officers will "walk a beat" in four different areas of the Center. These are the Bennington Plaza-Murray School area; Capehart "A" residential site (between Kearsarge Ave. and Ticonderoga Rd. and Richmond School and Blueridge Rd.); the entire Capehart "B" area, and the entire Wherry Housing area, including Pierce Elementary School.

"Studies have shown that the highly mobile police officer doesn't always get the job done," said Steve Kaupp, China Lake Police Chief. "Establishing foot patrol areas accomplishes several things, most important of which is putting the officer in direct contact with the citizens in his or her area," he elaborated.

Chief Kaupp further stated that an officer walking a beat has a better opportunity of learning the problems in that area, and of becoming more aware of the trouble spots. "They will see a lot more walking than when driving by in a patrol car," he added.

"Recent studies in Kansas City and Los Angeles concluded that foot patrol officers are more of a deterrent to crime than motorized units. While we are not a large city we do have some of a large city's problems. The basics are the same," he noted.

Chief Kaupp urges all citizens residing or working in the new foot patrol areas to become acquainted with the officer on duty. "Naturally, he's not being put out there to

while away the hours in conversation, but he should be a friend of his community, a person to rely on and to offer good advice on security problems," Chief Kaupp pointed out.

Hours for the patrols are as follows: Bennington Plaza—7:30 a.m. to 11 p.m., Monday through Friday, and from 10 a.m. to 11 p.m. on Saturdays, Sundays and holidays; all other areas—3 to 11 p.m., Monday through Friday, and 10 a.m. to 11 p.m. on Saturdays, Sundays and holidays.

Of course, there will be some times when patrol officers will not be on the beat during these scheduled hours, due to a manpower shortage.



IT WAS RIGHT OVER THERE — A resident of the Capehart housing area explains to Officer Richard Aldrich the facts about a complaint that occurred in her neighborhood. Aldrich, who will be walking the "beat" in that area beginning on Monday, will be getting acquainted with the residents, learning where trouble spots and security violations exist, and taking steps to correct the situations. The NWC Police Division feels that foot patrol officers will have a better handle on police-to-customer relationships than the highly mobile patrol car officers. Residents are urged to utilize the new beat officers, become acquainted with them and call on them for assistance with security matters.

Rules on Youth Center Membership Clarified

Recently, some confusion has arisen regarding who is or is not eligible to become a member of the China Lake Youth Center.

A recent NWC Instruction points out that membership in the Youth Center is open to students of any local school who is between the age of 8 and a senior in high school and who is a dependent of any of the following: (1) military personnel (active or retired); (2) civilian employee of NWC, or (3) employee of any Center support activity.

The Youth Center is a supervised recreation facility for youth and offers a variety of sports and social activities.

For membership information call NWC ext. 2909 or 2259.

Save Those Bags . . .

(Continued from Page 1) and what Fazio's Market will be able to save and pass along to the Community Council depends on the condition of the shopping bags that are returned and handed to the checkout clerk for re-use. Damaged bags waste time (and money), and they also can cause breakage, the market manager emphasized.

Officials of the China Lake Community Council believe that Fazio's Market can save an average of around 2 cents each on re-used shopping bags that is handled carefully and folded along the original creases when returned by patrons for re-use.

The procedure to follow is for shoppers to hand such reusable shopping bags to the clerk, or lay them on top of their groceries when they reach the checkout stand so that the clerk is aware the bag is available for re-use.



EVERYONE CAN HELP — Patrons of Fazio's Market can do their bit in the conservation of natural resources by returning their grocery bags in good condition for re-use. For those doing so, the management of the market has agreed to turn over a portion of the savings realized to the China Lake Community Council, and this money has been earmarked for improvements at parks and play areas on the Center. This program is being launched under the direction of Rudy Shepard (in background), chairman of the Community Council's Community Improvement Committee, who is looking on as Aletha Benson, a customer, returns a shopping bag for use again by Claudine Johnson, a checker at Fazio's Market.

\$1,000 Raised at Steak Barbecue For Work on Mini-Golf Course

A highly successful fund-raising dinner, staged last Saturday night at Joshua Community Hall by the Ridgecrest Improvement Committee, resulted in nearly \$1,000 being cleared to help finance work that still remains to be done to complete the second nine holes of an 18-hole miniature golf course at the Golf Center in Ridgecrest.

More than 300 persons attended the barbecued steak dinner that was prepared by chefs from the Knights of Columbus, who volunteered their assistance for the benefit of this community recreation project.

The meal was served by members of the Burroughs High School Home Economics Club, and other high school students (members of the Madrigal Singers directed by Alan Kubik) added to the enjoyment of those attending by presenting several vocal music selections.

Additional entertainment was provided by China Lake Ballet Society dancers, who recreated a number from the CLOTA production of "The King and I," under the guidance of Florence Green, the narrator, and Carol Woodridge.

Special guests at this affair were Jeff Carson, a Pierce School student, and Margaret Archuleta, of St. Ann's School in Ridgecrest, whose work of collecting aluminum cans and reusable bottles earned

Deadline Set Nov. 1 For Enrollment In Two Special Courses

Next Friday, Nov. 1, is the enrollment deadline for two special courses that will be presented on Nov. 11-12 and Nov. 13-14 by L. L. (Verne) Reynolds, of Management Skills Associates.

Conference Leadership is the title of the course that Reynolds will conduct on Nov. 11-12 from 8 a.m. to 4:30 p.m. in Room 101 of the Training Center. Stressed in this course will be the use of video tape recordings, playbacks and the analysis of actual conferences conducted by the participants.

Participants also see themselves in action—contributing to or subtracting from a work-related conference situation.

Better Briefings is the second course that Reynolds will be in charge of here at the same time and place on Nov. 13-14.

Prior to class time, each participant is to compile a 5-min. briefing. During the 2-day session, enrollees will work on the design and preparation of good visual aids and develop a carefully structured outline of his material.

them the title of Mr. and Miss Johnny Horizon for 1974-75.

Young Carson turned in 40,000 cans and bottles, while Miss Archuleta collected 23,512 discarded cans and bottles as a part of the Johnny Horizon contest cleanup campaign.

Money brought in by the sale of the cans and bottles was returned by the Ridgecrest Improvement Committee to the schools of the students who worked on the recently concluded campaign.

The contest winners, in addition to receiving official Mr. and Miss Johnny Horizon outfits, also will be taken on a trip to Disneyland as a part of the reward for their efforts. In addition, they each received \$25 Savings Bonds, a portable radio, and passes good for the Cummings Theatres and for playing games at the miniature golf course.

Runners-up in the Johnny Horizon contest also were introduced Saturday night by Ted Edwards, chairman of the Ridgecrest Improvement Committee, who was emcee for the fund raising dinner, and they, too, received a variety of lesser prizes for their part in the collecting 157,132 aluminum cans and reusable bottles.

'World of Gilbert & Sullivan' To Open Concert Season

The first program of the 1974-75 season by the China Lake Civic Concert Association will be the "World of Gilbert & Sullivan," on Tuesday at the NWC Theater. Curtain time is 8 p.m.

Tickets will be on sale at the door for \$5 per person for any available seat, or \$2.50 for students under the age of 22 and enlisted personnel. In addition, season tickets will also be available, priced at \$12 to \$18 each, depending upon seating, for the series of five concerts. Again, students under 22 and enlisted personnel can purchase season tickets for half price.

A reception for the performers will be held immediately following the concert in the Plaque Rm. of the Commissioned Officers' Mess.

The Savoyards, a unique band of musicians and vocalists, come from England, where Gilbert & Sullivan were born. G&S buffs will welcome this special group's interpretation of the musical comedy geniuses' tunes and patter. Ranging from "The Mikado," to "Pirate King," "Patience," "Little Buttercup," "Ralph Rackstraw," and "Young Strephon," all in one evening, the touring company promises to bring flair and style to the local stage.

The Savoyards are the American touring group of England's celebrated "Gilbert and Sullivan For All, Ltd.," and was formed to give U.S. audiences an opportunity to hear G&S as it should be heard — without the expensive and cumbersome staging that limits appearances normally to only larger cities.

A typical program, and the one undoubtedly close to what will be performed at

China Lake, includes numbers from "The Gondoliers," "Princess Ida," "Cox and Box," "Patience," "Pirates of Penzance," "Iolanthe," "Ruddigore," "Yeoman of the Guard," "Trial by Jury," "H.M.S. Pinafore," "The Mikado," and "The Sorcerer."

Leading basso of the group is Donald Adams, a former principal player with the fabled D'Oyly Carte Opera Company for 16 years. He has played the role of the Mikado more than 2,000 times in his career and appeared in the part in the recent Warner Bros. movie.

Thomas Round, the company's tenor, has also appeared with D'Oyly Carte, as well as on British television and on the concert stage with the Sadler's Wells Opera Company.

Queen of the company is the soprano, Helen Landis. Miss Landis has appeared on-stage in many professional operatic roles and switched to G&S a few years ago. She has also had a wide experience of radio, television and recording roles during her career. In addition, she appeared in the film, "Oliver," released a few years ago.

Another former principal with the D'Oyly Carte performers is John Cartier. He has toured America and Canada with the group and appeared on television and radio in Great Britain.

Anna Bernardin, soprano, studied at the Guildhall School of Music in London, and won a prize during her early years singing Gilbert and Sullivan. She has recently completed a concert and oratorio tour in England and Europe.



GILBERT AND SULLIVAN CONCERT — Donald Adams, Geoffrey Shovelton and Helen Landis (l.-r.), members of the Savoyards, the American touring company of "Gilbert and Sullivan For All, Ltd.," are shown in a scene from "The Pirates of Penzance," which will be presented on Tuesday at the NWC Theater. "The World of Gilbert and Sullivan" will be the first offering of the China Lake Civic Concert Association for the 1974-75 season. Single admission tickets, as well as season ducats, will be on sale at the theater door prior to performance. Curtain time is 8 p.m. The concert slate includes, in addition to next Tuesday's program, William Windom, as "Thurber;" the Kontarsky Brothers, duo-pianists; Martin Best: The Art of the Minstrel; and the Early Music Quartet, of Munich, Germany.

Tenor Geoffrey Shovelton broke into the entertainment business performing roles in grand opera and graduated to Gilbert & Sullivan a few years ago. He has appeared on-stage in many leading operatic roles, and on radio and television. Ian Kennedy, who is the only American

with the group, joined the company this year. He has studied piano and voice at the Guildhall School of Music and Drama in London, and is well known as a coach and conductor in the field of light opera. Also he is the author of a work on Sullivan's neglected grand opera, "Ivanhoe."

Drivers Urged To Be on Lookout For 'Trick or Treaters' on Oct. 31

Some of those young goblins who will be out trick or treating on Halloween night, next Thursday, Oct. 31, may not be watching for vehicles. Because of this, local residents are asked to take special care, particularly in housing areas where young ones will be crossing streets.

Some may not be accompanied by an adult to supervise them, although most concerned parents will take the time to go along with their younger ones. Children under ten are not the most cautious of pedestrians at any time, as accident

statistics unfortunately show, and coupled with the excitement of free goodies they may forget to check for traffic.

Parents can help by making sure children can see clearly and their vision is not hampered by masks or headgear. Youngsters should also be cautioned to take care. Reflectorized tape or paint can be used for decoration on costumes to help them be seen. Some stores in Ridgecrest carry this material. A flashlight carried by the child sometimes provides a clue for the motorist, and also helps the child to find his way.

Caution older children to obey signs and cross streets only at intersections and to walk on the left side of the street facing traffic. Older children who have younger brothers and sisters should keep close to them to insure that the younger ones do not run out in front of a car.

On the other hand, on Halloween, vehicle operators should expect children to "pop" out unexpectedly in midblock. Motorists therefore should be sure their vehicle's windshield is clean and the brakes are in good condition. The NWC Safety Department suggests to those who go out driving on the evening of Oct. 31, to drive as if each child roaming the neighborhood is his own.



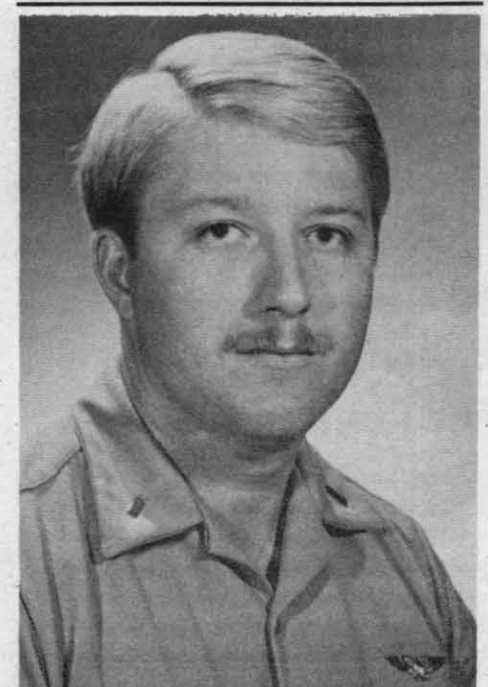
USE REFLECTORIZED TAPE — Youngster's will be more visible to passing motorists when they go out "trick-or-treating" on Halloween if parents will remember to help them decorate their costumes with reflectorized tape or paint.

Indian Wells Valley Coin Club To Stage Annual Show Sunday

The fifth annual IWV Coin Show and Bourse, to be sponsored by the Indian Wells Valley Coin Club, will take place on Sunday from 10 a.m. to 5 p.m. in the Burroughs High School multi-purpose room.

On hand will be displays by coin club members in competition at both adult and junior level. The numismatists will be competing for trophies. In addition, various coin dealers, some from as far away as Gardena, Bakersfield and San Bernardino, as well as Martin Webber, proprietor of the Gift Mart in Ridgecrest, will man a bourse where coin collectors and other interested persons can make an investment for the future.

Door prizes will be given away during the show. Admission is free.



REPORTS TO VX-5 — Ltjg. L. Miller is the new communications and public affairs officer at Air Test Evaluation Squadron Five—having reported here recently from Attack Squadron 52 at NAS, Whidbey Island, Washington. A bombardier-navigator with VA 52, Ltjg. Miller spent a good part of the time while homeported at Whidbey Island on cruises aboard the aircraft carrier USS Kitty Hawk that took him to the Gulf of Tonkin and to the Philippines. The new arrival at VX-5 joined the Navy via the Aviation Officer Candidate School following his graduation from the University of the South at Sewanee, Tenn. Following flight training, he received his "wings of gold" at the Naval Air Station, Glenco, Ga., in March 1972, and was then assigned to VA 52 at Whidbey Island for 2½ years prior to being transferred here. Ltjg. Miller was accompanied to China Lake by his wife, Vickie, and their year-old daughter, Laurie.

Custom-Made Navy Uniforms Can Be Ordered

The Naval Uniform Shop in Brooklyn, N.Y., offers a worldwide mail order service for custom-made uniforms. The shop also carries a supply of stock uniforms for those personnel who cannot obtain uniforms from their local resale outlets.

In addition to uniforms, a complete range of uniform accessories can be ordered by mail. The Naval Uniform Shop is also the source for newly authorized items that may not as yet be at local Navy Exchanges.

A catalog listing the uniforms and accessories that are available through the mail is available at the customer service desk in the main Navy Exchange retail store at China Lake. Most Navy exchanges also have a supply of forms that may be used for ordering a custom-tailored uniform from the Uniform Shop.

Regional representatives of the Naval Uniform Shop are located at a number of activities to provide assistance in ordering a custom tailored uniform and other items. These representatives are located at the following Navy Exchanges: Naval District, Washington, NETC Newport, NB Norfolk, NTC Great Lakes, NTC San Diego, NAS Pensacola, NSA Long Beach, NAS Alameda, NS Treasure Island, NAS Jacksonville and NB Pearl Harbor.

Mail orders should include the appropriate size, color and description of the uniform desired. Personnel ordering by mail must furnish their Social Security number and complete mailing address with all orders, correspondence and remittances. Items not listed in the Naval Uniform Shop catalog will be handled as a special order request and a 20 per cent service charge will be added for these items.

Stock uniforms and accessories are usually shipped within a week after the order is received. Custom-tailored uniforms are normally shipped within four weeks. All orders are shipped by Air Parcel Post to the West Coast and overseas; Special Delivery is used for shipping Conus orders.

Services of the Naval Uniform Shop in Brooklyn are available to all Navy personnel.

Dance Set at Jolly Roger

"The Caravan," a group of local musicians, will play for a dance tonight at the Jolly Roger, beginning at 9:30.

Walt Schimke, club manager, extends an invitation for all members and their guests to attend.