



FAMILY ENTERTAINMENT — Approximately 850 persons attended last Saturday night's presentation of the Johnny Whitaker Show at the Center theater, which featured dancing, singing, comedy acts and music by a 10-piece orchestra. In the photo at top left, the 16-year-old star (center) is flanked by some of the other performers in the 30-member cast, including (to his immediate right) his sister, Dora, brother, Billy, and another younger sister, Mary. In the photo at top right, Johnny and duet

singers Jacque and Teri Crocket get together for their rendition of a number known as "Love." At lower left, the star signs autographs, for young fans after this show, while in center photo he sings one of the five popular songs he belted out during the show. In photo at lower right, Johnny joins with part of the chorus in singing "Freebootin'" from the movie "Tom Sawyer," in which he appeared. There are tentative plans for the Johnny Whitaker Show to return to China Lake this coming fall.

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. 20 AUGUST

"LAST OF THE RED HOT LOVERS"
 Alan Arkin, Sally Kellerman
 (Comedy) A happily married middle-aged owner of a successful restaurant years for an affair to relieve his humdrum existence. But after three unsuccessful encounters, he finally calls his wife to come to his apartment love nest. (PG)

SAT. 21 AUGUST

"CHALLENGE TO WHITE FANG" (89 Min.)
 Franco Nero, Riamund Harmstorf
 (Adventure Drama) The story of a heroic dog named White Fang who becomes involved in the Klondike gold rush of 1897. The rush lures adventurers and criminals from every part of America; among them Beauty Smith, the villain of this story. Smith and White Fang have encounters, beginning with their meeting and massacre of Fang's master and ending with a life and death struggle between man and dog. (PG)

SUN. 22 AUGUST

"TRACKDOWN" (98 Min.)
 Jim Mitchum, Karen Lamm
 (Action Drama) Mitchum is searching for his 17-year-old sister who has run away from their family ranch in Montana. Assaulted by a gang in the city, she becomes a call girl and is eventually killed. Mitchum is determined to trace his sister and, through a series of brawls and shootouts, is able to avenge her. (R)

MON. 23 AUGUST

"MELINDA" (110 Min.)
 Calvin Lockhart, Rosalind Cash
 (Suspense Drama) Lockhart stars as the smooth talking disc jockey turned detective who, in trying to solve the murder of his girlfriend, nearly becomes a victim himself. Rosalind Cash stars as his former woman who becomes his chief ally and support. There is a lot of fast action along the way with an accent on very rough language and sexual encounters. (R)

TUE. 24 AUGUST

"THE DEVIL WITHIN HER" (94 Min.)
 Ralph Bates, Joan Collins
 (Drama) For Lucy Carlisi and her husband, Gino, the birth of their first child should be a happy event. Instead, it is the beginning of a nightmare. The birth is extremely difficult and even the doctor is disturbed by the baby's size, strength and by the infant's almost violent behavior. The weird happenings that follow make this an interesting and suspenseful drama. (R)

WED. 25 AUGUST

"HERBIE RIDES AGAIN" (96 Min.)
 Helen Hayes, Ken Berry
 (Comedy) Number 53 designates a 1963 Volkswagen named Herbie, a car with a mind of its own, which stars in this sequel to the "Love Bug." Builder Keenan Wynn is destroying San Francisco's landmarks with his skyscrapers. Wynn encounters many mishaps and is confronted by Herbie, a car with magical powers. (G)

THURS. 26 AUGUST

"DR. BLACK AND MR. HYDE" (88 Min.)
 Bernie Casey, Rosalind Cash
 (Suspense Drama) Bernie Casey, a doctor obsessed with developing a serum to cure cirrhosis, experiments in his laboratory. Casey sees that the serum produces weird results when tried on rats. When he administers his serum to an old woman, she turns ghastly white and dies. After further experiments, he uses the serum on himself and triggers bizarre occurrences. (R)

FRI. 27 AUGUST

"THE CREEPING FLESH" (119 Min.)
 Peter Cushing, Christopher Lee
 (Horror Drama) In the late 19th century a scientist searches for a medicine to cure evil. In his drive to perfect a serum, he creates a blood-thirsty monster. (PG)

U.S. Government Printing Office: 1976 - 642 / N0410

From: _____ PLACE STAMP HERE

To: _____

Excess Wherry Housing units set for disposal

Information has been received from the office of Congressman William Ketchum, 18th District representative, that the General Services Administration (GSA) has released the Naval Weapons Center's 600 excess Wherry Housing units for disposal. Normally, the steps to be followed at this point by GSA in acting as the Federal government's land agents on this matter would be to determine whether or not there is any interest in this property by a Federal agency. However, this was done earlier during the time that approval was being sought for declaring the NWC Wherry Housing units excess to the Navy's needs. Now, the next move (which already has been initiated) is for the GSA to check with state, county and city agencies to determine if the property can be given to them under existing legislation.

Letters Sent State, Local Agencies
 Letters, which were mailed by GSA last Friday to state and local agencies, will give these agencies 20 days to respond (or additional time if requested) to let the GSA know if they are interested in acquiring the Navy's Wherry Housing units. A spokesman for the GSA could not predict when the property might be put up for sale if it is unwanted by either state or local agencies because there are still a number of other avenues for its disposal that could be taken.

In listing these, it was noted (for example) that a developer in another state could have property the Federal government wants in exchange for the Wherry homes. The excess housing units also could be given to another type of public agency or non-profit organization, such as an educational institution, university, college or hospital, or to the state or county for park or recreation purposes.

Hope of Local Residents
 Since the first official announcement of the plan to have the Wherry Housing area declared excess to the Navy's needs was made, both the Naval Weapons Center Command and the China Lake Community Council have expressed the hope that a method could be developed whereby present occupants of these quarters would have the first chance to purchase the homes in which they now live.

(Continued on Page 5)

Successful first flight recorded of small-size, drone helicopter

Latest accomplishment of the Targets Department at the Naval Air Facility, whose personnel have the capability of operating both high speed subsonic and supersonic drone aircraft as targets for air-to-air weapons and weapons systems, is the recent first flight of a small-size, pilotless helicopter.

While previous "no-live-operation" (NOLO) aircraft flights were aimed at higher speed and greater maneuverability, the drone helicopter is intended for use where the need of a particular project is for simulation of a very slow speed target or ordnance delivery from a slow-flying platform.

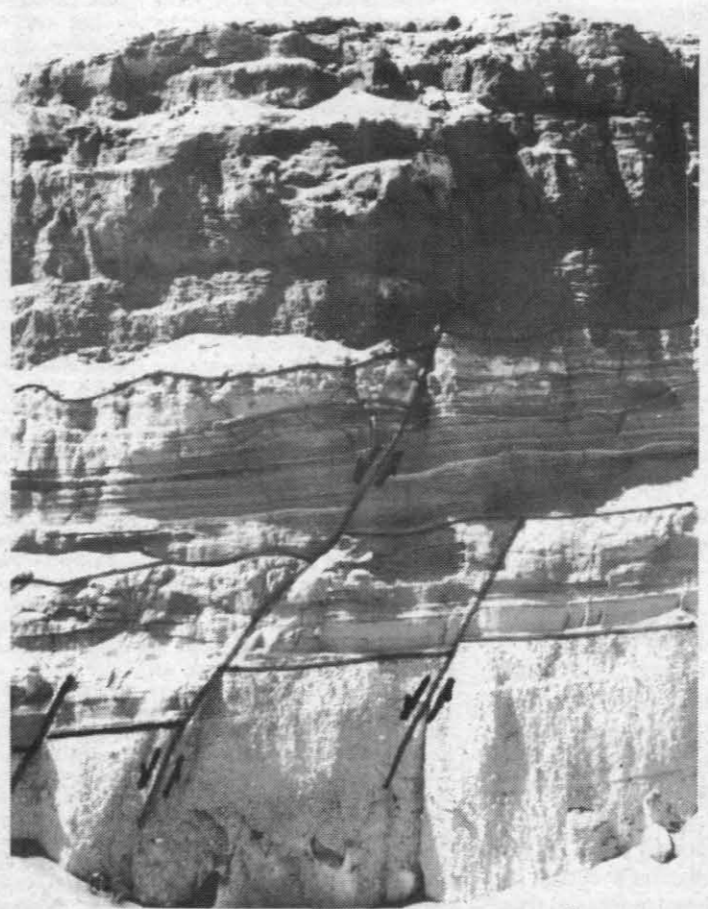
The QH-50 drone helicopter is an adaptation of remote controlled helicopters called the Dash that were designed originally to be flown from Navy destroyers and used to lay mine fields or drop sonobuoys. When this didn't work out as well as had been hoped for, the idea was dropped and the surplus DSN drone helicopters were stored at Davis Monthan Air Force Base in Arizona.

Some time ago, more than 40 of the QH-50 helicopters were brought to the Naval Weapons Center to determine if their engines could be used for another project. Upon learning of their availability, LCDR. J. R. Pate, Jr., NAF Targets Officer, convinced his superiors of the desirability of conducting a feasibility study to determine

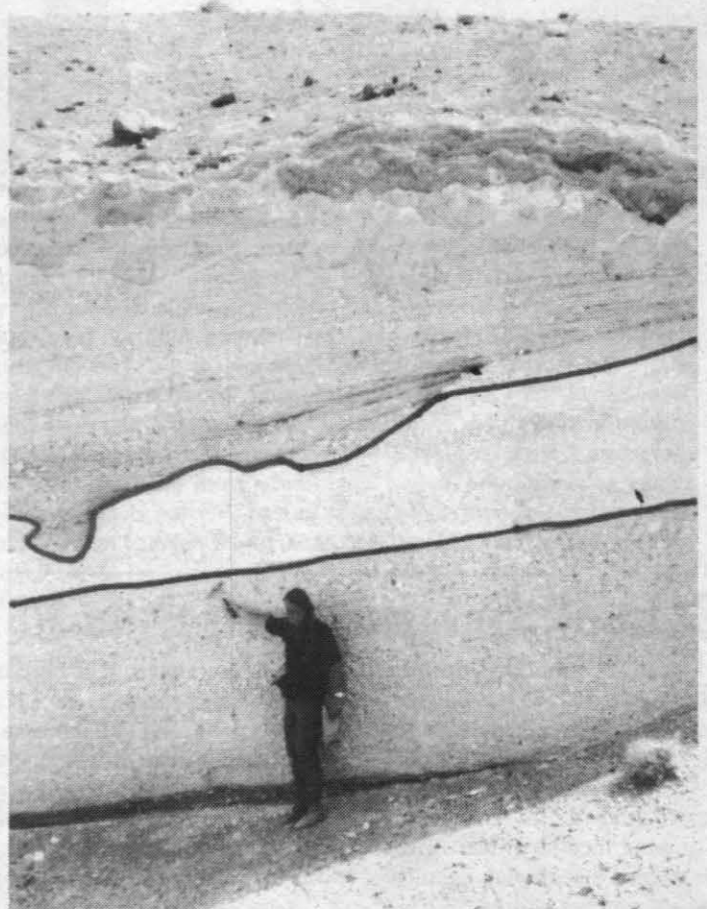


Naval Weapons Center
 China Lake
 California

August 20, 1976
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MUTE STONES SPEAK — Underneath a 10-ft. thick layer of soil (in photo at left), deposits of tuffaceous rocks, the lighter-looking material, are exposed at a site in the Coso pumice quarries. Different layers of the "tuff" are separated (for illustration



purposes) by horizontal lines, while the diagonal lines show minor fractures. In the photo at right, Glenn Roquemore is shown collecting samples of tuff near the same location. Lines have been added to mark the separate layers of the volcanic rock.

Geologic study of volcanic rocks indicates 'surprising amount of recent earth movement'

Things are moving — in fact, they're almost jumping — right under the feet of Indian Wells Valley residents. This conclusion is indicated by a recent study by Glenn Roquemore, a WAE employee of the Earth and Planetary Sciences Division of the Research Department, who

is now working towards his Ph.D. in geology at the University of Nevada at Reno. The study, entitled "The Cenozoic History of the Coso Mountains as Determined by Tuffaceous Lucustrine Deposits," was used as his M.A. thesis at Fresno State University and will be soon made into a technical publication at the Naval Weapons Center.

The product of his previous three summers' field investigations, the study details its author's findings that there has been a large and surprising amount of very recent movement of the earth's crust ("tectonic movement") in the surrounding area, and that this has a bearing on the possible occurrence of earthquakes in the Indian Wells Valley.

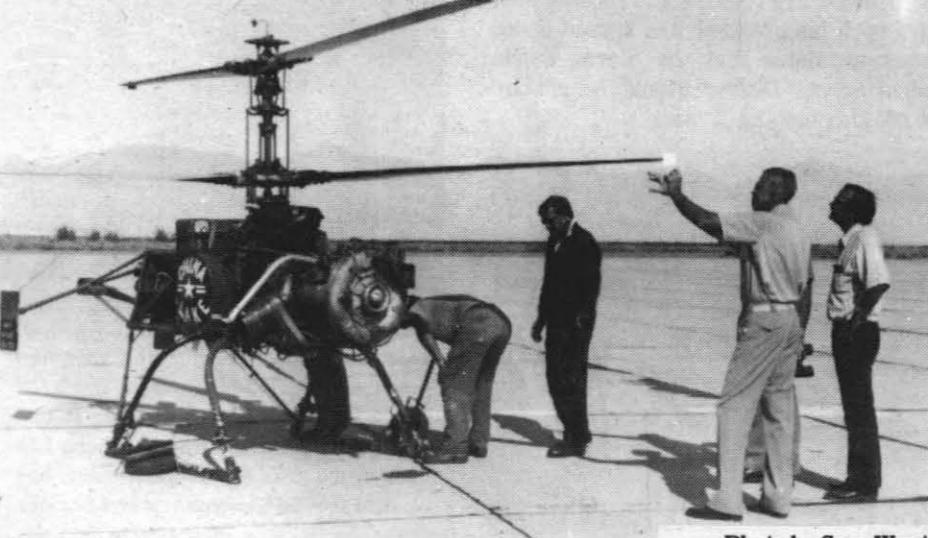
The conclusions of this study were arrived

at by a detailed geologic study of some tuffaceous volcanic rocks found in the Coso Mountains. Called "tuff" for short, this is a light, frothy material that has been exploded into the air and become deposited in an ancient (but now dry) lake.

A little more than a million years ago, during the ice age, the Coso Mountains were nothing more than a few low peaks sticking out of a large lake formed by glacial meltwater. This lake covered an area as far east as Panamint Valley. Extension of the earth's crust had already begun and volcanic rocks were spewed on the surface as the valleys dropped and the hills rose. Uplift Nearly 5,000 Ft.

Many parts of the same tuff unit were thrust upward with the Coso Mountains while other parts lowered with the valleys. The difference between the upper and lower segments proved there has been nearly 5,000 ft. of uplift since the outpouring of these volcanic rocks. Some of the rocks have been dated by the potassium argon method as being 2.1 million years old, although the ancient lake allowed the pumice-like material to float and become redeposited after the lake dried up. Therefore, since the time of the redeposition of the tuffaceous rocks, the Coso Mountains have risen somewhere in the order of 5,000 ft.

This finding is significant because until now it was thought that the nearby mountain ranges were uplifted 10 million years ago. This "uplift" is both "rapid and new," (Continued on Page 3)



POST-FLIGHT INSPECTION — Capt. W. B. Haff (second from right), NWC Technical Officer, was on hand following the first flight here of the QH-50 drone helicopter. He is shown examining one of the tip breaks on the top of the rotor blades. Adjustment of these small metal plates controls the yaw of the aircraft in flight. Others in photo are Jay Bornfleth (at right) and Harlan Reep, the drone controller for the flight. Reep is watching as Joe Chesney, one of the technicians, goes through a post-flight inspection of the miniature aircraft.

Realignment details to be published next week
 Details of a Naval Weapons Center realignment, just announced by Rear Admiral R. G. Freeman III, NWC Commander, will be published in the Aug. 27 issue of The ROCKETEER.

Plans being made for American Heritage Celebration

Plans are shaping up well for the Ridgecrest Bicentennial Committee's only fund-raising event of the year — a program entitled the Horizons '76 American Heritage Celebration.

All proceeds from this special event, which is scheduled Oct. 22 and 23 at the Burroughs High School lecture center, will be added to the Maturango Museum building fund that is being raised in order, eventually, to enable the construction of a permanent structure for the museum.

At this point in time, according to Rose Varga, chairman and coordinator of the American Heritage Celebration, individuals who will be representing 16 countries are scheduled to take part in this program, but many more are wanted.

Everyone Welcome
 "We are appealing to all nationalities to be represented in whatever framework would be most comfortable for them," Mrs. Varga stated.

An entirely different program is being planned for each evening of this two-day show, in addition to an International Food Fair that will be highlighted by entertainment and displays of mementos from all parts of the world. The food fair and exhibits will be held on Oct. 23 at Joshua Hall on the Desert Empire Fairgrounds in

Registration to begin on Monday for ballet classes

Ballet Arts Theatre's registration of new students will begin on Monday, and continue throughout the remainder of the month of August.

Sign-ups are being conducted on Mondays, Wednesdays and Fridays from 3 to 5 p.m. at 303 Blue Ridge Rd., China Lake.

There are openings in all age groups (children, adults and professionals), but class sizes are intentionally kept small in order to insure individualized instruction. Students will be taught classical ballet and development of coordination, grace and poise—excellent preparation for gymnastics and drama as well.

Instruction is under the direction of Bette Jacks, whose background includes training and teaching credentials from the ballet master of Ballet Russe de Monte Carlo, the director of American Ballet Theatre, and the dance director of the University of Arizona in Tucson.

Les Brown band to play for dance at COM

Les Brown and his 17-piece "Band of Renown" will be the featured attraction at this evening's dinner-dance at the Commissioned Officers' Mess.

A prime rib dinner will be served starting at 7 o'clock, while the entertainment will begin at 9. A limited number of tickets — priced at \$25 per couple — will be sold at the door tonight for persons who have not made

reservations for the event.

Brown, who has toured with the Bob Hope Show since 1947 and has served as musical director for both Dean Martin and Steve Allen, was co-author of the hit song, "Sentimental Journey." Some of the name performers who have recorded with him have been Bing Crosby, Doris Day, Nancy Wilson and Johnny Mercer.



TEMPERATURES RISING — Tickets are still available for the remaining performances of the China Lake Players' production of "Arsenic and Old Lace" scheduled at 8:15 tonight and tomorrow, and Aug. 26, 27 and 28 at the group's hut on McIntire St. Tickets, which are priced at \$2.50 for adults, \$1.50 for students through 21 years of age, military personnel and children, can be purchased from members of the cast or by calling Rozalie Barber at 375-9470. In the photo above, John Clark, as Mortimer Brewster (second from right), is demanding an explanation for the murderous happenings involving his family (and especially his aunts, portrayed by Natalie Stone and Pat Schwarzbach) from his brother, Jonathan (in vest), played by Loren Dorrell, and a physician, Dr. Einstein, portrayed by Rud Stone (at left). —Photo by Stan Sanders



PATENT AWARDED FOR PROPELLANTS WORK — Willard F. Simpson (center), a mechanical engineering technician, recently received a patent award for work on a new combination of propellant materials that both permits the burning rate to be controlled and makes it possible to tailor the resulting flame to meet the requirements of a particular weapon.

School Dist. budget totals \$11,799,164

A budget for the 1976-77 school year totalling \$11,799,164 was adopted at the Aug. 5 meeting of the Sierra Sands Unified School District's Board of Education. According to Grant Pinney, assistant superintendent in charge of business, estimated income (which will be added to the district's beginning balance of \$969,699) and its sources will be: Federal aid — \$1,951,921; state aid — \$5,920,329; local property taxes (including interest income) — \$2,959,875; and Kern County — \$74,117. There also will be some other income from such sources as tuition paid by other school districts for students who attend Sierra Sands schools that will add \$1,700 to the total.

increases that may be agreed upon during the current teacher salary negotiations.

Liability insurance is one of the district's expense items that has shown a notable increase, Pinney pointed out, having climbed from \$28,000 this past year to \$50,000 for the coming school year. In just four years' time, the district's outlay for liability insurance will have increased from \$4,000 to \$50,000, the assistant superintendent in charge of business stated.

Recent approval of Senate Bill 16, the State of California's new school finance bill, will mean an additional \$281,000 this year for the Sierra Sands Unified School District, Pinney noted. Some of this money (\$90,000) is to be used to reimburse the district for a portion of its teacher retirement costs.

Pinney also reported that he has been working for nine months in an attempt to get the State of California to approve a new formula to be used as the basis for distributing federal funds under Public Law 874.

A final meeting is coming up soon on Pinney's proposal, which calls for arriving at an average amount spent per child for education by school districts of similar size that do not receive federal aid.

Pinney has proposed that after selecting five comparable school districts which do not receive federal aid, an average of their local expenditures per child for education then be established as the rate for the Sierra Sands School District.

It is the State of California which determines how federal funds for education that are received are allocated to local school districts. If his proposal was agreed upon, Pinney estimates that the Sierra Sands Unified School District would benefit by \$265,000 this coming year.

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.

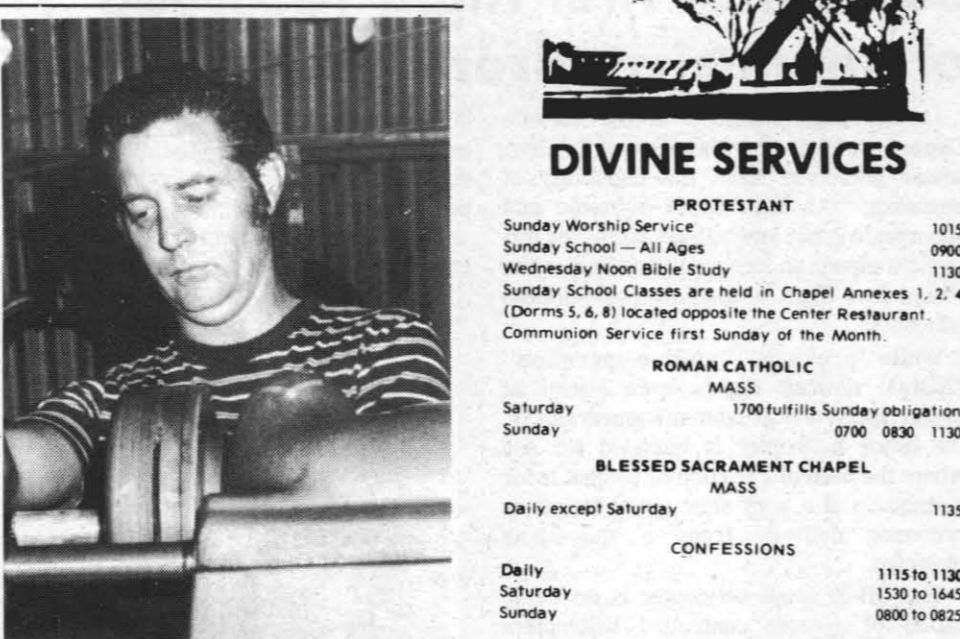
Resource Analyst, GS-301-12, PD No. 7468074, Code 081 — This position is located in the Systems Cost Analysis Branch, Weapons Systems Cost Analysis Division, Office of Finance and Management. Incumbent provides expertise in the estimation of the life cycle resources requirements of complex weapon systems; determines the depth and availability of technical descriptions of / or specifications for the assigned system; develops a consistent data base through a comprehensive analysis of cost and performance data for a wide variety of similar systems; and estimates the resource requirements in terms of dollar cost for complex Navy Tactical Missile Weapon Systems being prepared for possible or eventual introduction into the Fleet. Job Relevant Criteria: Experience in life cycle cost analysis, production, procurement, management analysis, operations research, planning, and / or programming functions; and knowledge of mathematical and / or statistical techniques in deriving cost estimates.

Cost Analysis Assistant, GS-301-5, PD No. 7468074, Code 081 — This position is located in the Weapons Systems Cost Analysis Division, Office of Finance and Management. Incumbent is responsible for the administrative functions of the division, with particular emphasis on the data bank, contracts, budgetary planning and fiscal control, personnel, equipment and facilities. Incumbent serves as the primary contact point in Code 081 for outside groups. Job Relevant Criteria: Knowledge of technical and administrative concepts, expressions and terminology; ability to recognize the various types of cost analysis and their application; and a broad knowledge of office procedures. Promotion Potential: GS-7.

Budget Analyst, GS-360-7 / 9, PD No. 7468075, Code 0803 — This position is located in the Plans and Programs Office of the Office of Finance and Management. The incumbent collects and assembles basic financial data for resource analysis. This includes assisting senior analysts in workload reviews, analyses and projections, and is heavily concerned with manpower and dollar experience and projection. The incumbent prepares a major program information report which provides historical funding information as well as current objectives, approach and project status for subject programs. Job Relevant Criteria: Knowledge of financial and analytical topics, of fiscal management processes, of financial and manpower data and their utility for resource analysis; ability to work well with people at all levels.

Mechanical Engineer, GS-430-11 / 12, PD No. 7468073, Code 80 — Position is in the Engineering Estimating Branch, Weapons System Cost Analysis Division. Incumbent performs management analysis studies; consults with project engineers to determine engineering cost estimating requirements; and assists program management in establishing design-to-cost targets, goals and plans. Job Relevant Criteria: Experience involving missile and / or aircraft in aerospace or defense industry; and experience in methods and procedures, engineering analysis and / or engineering design and engineering estimating. Academic work in engineering economics and administration is desirable.

Accounts Maintenance Clerk / Accounting Technician, GS-255-4 / 5, PD No. 7017016, Code 0861 — This position is located in the General Accounting Branch, Accounting and Disbursing Division of the Office of Finance and Management. The incumbent receives documents of expenditures and collections, verifies each entry for discrepancies, and communicates with originator for correction. The documents are inspected for correct items such as general ledger account and amount, and DOV



SERVICE MAN OF THE MONTH — D. W. Rodgers, a pipefitter and shopman for Code 70414, has been declared service man of the month by the Public Works Department. Rodgers, who has been in the area for over 30 years, has worked for the Emergency and Service Call Shop since its inception in 1972. He orders, receives, and stocks all material needed for the eight different trades working out of the shop. The award was specifically made for his efforts in having materials on hand for the new Navy Barracks and Enlisted Club to enable repairs to be made without delays.—Photo by Pete Anders

Employee in the spotlight



TOE TAPPER — Pam Gillette, a recent graduate of Cerro Coso Community College, displays some of the many instruments used by the college's expanding music department. Courses offered by the department during the fall semester include studies in piano, guitar and banjo.

Music department at Cerro Coso offers variety of classes

Among the varied selection of classes included on Cerro Coso Community College schedule for the fall semester, which opens Monday, are those offered by the music department. Included will be courses in piano, guitar and banjo.

Late registration for fall courses will be held beginning Monday and continue through Sept. 7 at the college's Admissions Office. Potential students are advised to register as soon as possible for courses (until they are full) from 9:30 a.m. to 7 p.m., Monday through Thursday, and from 9:30 a.m. until 4 p.m. on Fridays.

"Class instruction on a highly individualized basis permits each student to experience many of the benefits received through private lessons," according to Winnie Nelson, director of music at the college. To maintain quality instruction, she said, class sizes are controlled, thus allowing instructors to give maximum attention to each student's personal needs.

Students need not be interested in learning to play a musical instrument in order to participate in music courses being offered by the college. Several courses in music appreciation, learning to read music, and music theory are available to interested persons.

All class instruction in piano, guitar and banjo starts at the "beginning" level. While students need not have a piano to participate in these courses, individuals desiring to play the guitar or banjo must provide their own instruments. In addition, skilled musicians of the area will find an opportunity to exercise their musical talents in the Cerro Coso College Desert Community Orchestra. Voice classes and college choir round out the applied music program.



Larry Thurm

"People call me a promoter. 'Thurm's always got some cause to work for,' they say. I guess that's so, too."

Thurm — Larry Thurm — does indeed have a history of promoting those things he feels to be in the best interests of his craft and China Lake.

Although a member of the Engineering Department's Mechanical Prototype Branch, for the past two years Larry has been in charge of the Research Department's machine shop. An instrument maker leader, he has been associated with the Research Department since 1965, and at the same time a member of the Engineering Department virtually throughout his 21-year career here.

A native of Medora, Ill., Larry had put in 16 years as a machinist with Owens Illinois Glass in Alton, Ill., before coming to the California in 1953 in order to find a more healthful climate for his sinus condition. With a specific interest in the desert, he used a year's leave of absence from that firm to come to China Lake and work as a journeyman machinist in the maintenance machine shop of the Public Works Department.

Prepared for Move West

"I liked the climate and I liked the people — very friendly people — out here," says Larry, "so at the end of that year I returned to Illinois to sell my things there and prepare for a permanent move to China Lake."

It was in 1955 that he returned here, as an experimental machinist for the Engineering Department's machine shop. Some of the projects he worked on during the '50s were the Sidewinder missile's infrared system and the design and fabrication of balancing devices for U.S. space satellites.

"In Illinois, I learned to make it simple and make it fast, and this approach has paid off throughout my career," says Larry, whose shop's mission is to design, manufacture, test and install equipment according to the needs of each requesting branch. "It's been an honor to work with the scientists and engineers I've been associated with over the years. We have a lot of responsibility, because one wrong move can be very costly. I'm very happy because I feel I've reached the apex of my career."

According to Larry, 1962 was a year of great importance to both China Lake and him personally because it was then that Executive Order 10988 became law. This order for the first time allowed collective bargaining between unions and the Federal government, whereas formerly, although government employees were often union members, there were no formal procedures by which grievances could be settled by negotiations between these organizations and Federal management.

The immediate effect of the new law was to bring all unions on-center under one group, the Metal Trades Council, of which Larry — a former head of the local Machinist's Union — served as president from 1962-66.

It was during this period of service on the Metal Trades Council that the highlight of Larry's career occurred. In June 1963 President John F. Kennedy — signer of Executive Order 10988 — visited the Naval Weapons Center, and Larry, in view of his position among organized labor in the valley, was chosen to be on the official welcoming committee for the distinguished guests.

Larry, who was the only non-management representative on the committee, recalls that he was introduced to the President in the lobby of Michelson Laboratory, and talked with him for about

five minutes. "President Kennedy seemed surprised to see me there, probably because I wasn't a management type," says Larry. "I reported to him how harmoniously the unions and management were working together at China Lake by virtue of that Executive Order he had signed, and he was obviously pleased that organization by the unions had taken place so quickly and smoothly here."

"The interesting thing now," reflects Larry, "is that I'm working for management now — another of the 'hats' I've worn. Sometimes, when a person has had strong union ties, it can become a hindrance to further advancement in an organization, but I can say with a lot of pride that this has not happened at China Lake."

Involved in Apprentice Program

In the late 1950s, Larry developed an interest in the NWC Apprentice Program "because I could see what a good career the trades could be and especially their value to the young people in this valley." About 1½ years ago, he was instrumental in restarting the program after a 10-year hiatus, and feels that the program will greatly benefit not only the individuals participating in it, but also the Center.

Another example of Larry's concern for the improvement of work benefits for his fellow employees came in 1965, when he initiated local efforts to win "saved pay" rights for ungraded employees of the Department of the Navy. A benefit which had formerly been granted only to graded personnel, these rights provided that a person required to take a lower-paying job for re-organizational reasons would still be given his earlier, higher salary for two years.

The letters which Larry wrote to Washington, D.C., officials helped result in the holding of hearings which eventually brought about extension of those rights.

Larry, who has obviously had a lot of proud moments while at China Lake — and has a handful of superior achievement awards and other commendations to prove it — plans to retire in about a year. He and his wife, Lola, will stay in the local area, where their son, Ray, is a teacher at Murray Junior High School. They also expect to travel back to Illinois where he first started his trade and where "the wife and I raised her sister's three children."



NAVY ENLISTED MEN COMPLETE COURSE — Certificates denoting completion of a Career Information and Counseling Course were presented last Friday to 18 enlisted men from the Naval Air Facility and Air Test and Evaluation Squadron Five. Capt. R. N. Livingston (front row, left), Commanding Officer of VX-5, and Capt. C. B. Olson (front row, right) Commanding Officer of NAF, were present to congratulate the members of their commands who completed this 40-hour course, which was taught by YNC Jim Cooper, from the Naval Air Station at Lemoore, Calif. The graduates are (front row, l.-r.) AMS2 Louis Kilpatrick, AQ2 Earl Varney, MS1 Roberto Tayag, AZ1 Robert Campbell, DT2 James Morton, A01 William Zeltner, AO2 William F. Harding and PR1 Richard James. In the middle row (l.-r.) are AE1 T. P. Jachens, AT2 R. B. McAlister, AMS2 Robert Howell, AB2 Rickey L. Jones, AQ2 Edward Crane and ASH2 Lyle C. Stanley. Standing in the back row are (l.-r.) ADJ1 S. W. Weaver, AT2 LeVelle Baty, HM2 Ricky Woosley, ABH2 Ren Turner and YN1 Herman Ward. Those who completed the course will serve as career counselors in their division. The subject matter that was covered included information on CHAMPUS (Civilian Health and Medical Program of the Uniformed Services) and Veterans' Administration benefits, procedures to be followed in moving household effects from one station to another, Navywide transfers and associated paperwork.

The Rocketeer

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RAdm. Rowland G. Freeman III
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Ron Allen
Staff Photographer



DEADLINES
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3354, 3355, 2347



SEABEES AT WORK — This past week, before joining other members of Mobile Construction Battalion 5 (homebased at the Naval Construction Battalion Center in Port Hueneme) for a desert training exercise that will begin on Monday in the Mojave B range area, an advanced party of 90 active duty Seabees has been working here on a number of Self-Help Program projects. In these photos, taken at NWC's newly completed handball court, BU3 Alfredo M. Padua and BUCN Carl Nordback are shown cutting a section of plywood paneling for the ceiling, while (at left) CECN Dennis N. Post is installing an electrical junction box. Other Seabees from MCB-5 have been busy welding piping for the solar heating system at the Naval Air Facility swimming pool, putting in a sprinkler system at a Special Services Division playing field on S. Knox Rd., installing walnut paneling on the walls and acoustical tile for the ceiling of the NAF galley, and improving watering sites for desert wildlife in the Amity and Layton Springs area of the Mojave B range. —Photos by Ron Allen

Schools to re-open Sept. 7; details provided on student registration

Information on the re-opening of schools within the Sierra Sands Unified School District, which is scheduled on Tuesday, Sept. 7, was released this week for the benefit of newcomers to the local area, as well as students who will be returning to classes for the 1976-77 school year.

Registration of kindergarten through eighth grade pupils who are new to the Sierra Sands School District is scheduled at neighborhood schools beginning on Monday, Aug. 30.

Kindergarten children must be five years of age on or before Dec. 2, 1976 to be eligible to attend school during the 1976-77 year. Proof of age must be presented in the form of a legal birth certificate, a baptismal certificate duly attested, a passport, or a legally executed affidavit by a parent, guardian or custodian of the child.

Burroughs High School

The summer registration of all freshmen at Burroughs High School is continuing. Parents of incoming freshmen are encouraged to contact the Burroughs High counseling clerk by calling 375-4476 for an appointment if their student has not registered.

Registration of all high school students new to the Sierra Sands Unified School District is scheduled on Aug. 31, Sept. 1 and 2. Signups will be handled at the administration building on the Burroughs High School campus between 8 a.m. and 3:30 p.m. on these three days.

Registration of 10th, 11th and 12th grade students previously enrolled at the local high school will take place on Sept. 3. Specific information will be mailed to each student's home. If this material is not received, students should call the high school.

Mesquite High School

Registration of students at Mesquite High School will begin on Monday and continue through next Friday, Aug. 27, at the school office, 113 Felspar St., Ridgecrest.

Students 16 years of age or older may register by themselves, while those under 16 years of age must accompany a parent and will be seen by appointment only with the principal, unless they previously at-

Next instruction in motorcycle safety scheduled Aug. 28

The next Motorcycle Safety class will be given on Saturday, Aug. 28, at the Traffic Safety Building on the corner of Nimitz Ave. and Hussey Rd. on the Naval Weapons Center. The class will start at 8 a.m. and run for approximately six hours with a break for lunch.

The course, which will be required for all persons riding off-road on the Naval Weapons Center, will consist of movies and discussions covering maintenance of the machine, defensive riding techniques, typical accidents which occur in this area, protective clothing and riding skill development. Motorcycle riders of all ages are invited to attend.

A waiver of responsibility must be signed by the parents of each minor before the minor may take part in the riding skills portion of the class. The adult may sign the waiver on the day of the class.

Those interested in attending this class should call NWC ext. 2367 in order to get their name on the enrollment list.

Preparations made for removing more trees

The Public Works Department is preparing for the removal of additional trees in the housing area south of Halsey Ave., and trees proposed for removal are now being marked.

Promotional opportunities...

(Continued from Page 2)

- Criteria: Ability to use a magnetic card typewriter and to type statistical material; knowledge of procurement documents and procedures.
- Secretary (Typing), GS-318-5, PD No. 753311N, Code 337 — This position is located in the Design Services Division, Fuze Department. Incumbent maintains division files and handles classified documents; reviews all incoming correspondence and sees that it is routed properly; composes and types memoranda, letters, itineraries, etc.; receives visitors to the division and directs them to the appropriate office. Job Relevant Criteria: Knowledge of NWC security regulations; ability to use magnetic tape typewriter; knowledge of NWC and Navy formats for correspondence, reports, etc.; and ability to deal with people at all levels of the Center. File applications for the above with Terry Rowell, Bldg. 34, Rm. 210, Ph. 2371.
- Library Aid or Technician, GS-1411-3/4, PD No. 7533041, Code 5334 — This position is located in the Descriptive Cataloging Branch, Library Division of the Technical Information Department. The incumbent performs descriptive cataloging of new scientific and engineering publications; files cards in both the book and report catalogs according to complicated filing rules; and performs other duties as assigned, such as preparing the "New Books in the Library" announcements. Job Relevant Criteria: Ability to type accurately and efficiently, experience in cataloging or filing printed material, and the ability to perform duties independently. File applications for the above with Pat Gaunt, Bldg. 34, Rm. 312, Ph. 2514.
- Clerk-Typist, GS-322-3/4, PD No. 7637058, Code 3743 — This position is located in the Test and Evaluation Department, Telemetry Technology Branch. The incumbent screens visitors and incoming telephone calls; prepares and edits correspondence submitted by personnel in the branch; is responsible for proper format, address, correct distribution and security classification; performs timekeeping duties, arranges conferences, maintains files. Job Relevant Criteria: Ability to get along with others, reliability and dependability, ability to type accurately and efficiently, and knowledge of Navy correspondence format. Engineering Technician, GS-802-9/10, PD No. 7637059,

- Code 3712 — This position is located in the Test and Evaluation Department, Project Engineering Division, Airborne Instrumentation Branch. Incumbent prepares test plans; coordinates and directs the modification of aircraft to accept special instrumentation; schedules and monitors all aspects of test; briefs and debriefs aircrews. Job Relevant Criteria: Knowledge of ordnance and weapons system related to naval aircraft as well as the aircraft itself, of test instrumentation techniques and safety procedures, and of NWC test range facilities; managerial abilities. Promotion Potential: GS-11. File applications for the above with Carol Downard, Bldg. 34, Rm. 204, Ph. 2577.
- Clerk-Typist, GS-322-3/4, PD No. 7637076, Code 39403 — This position is located in the Weapons Department, Electro-Optics Division, Optical Signatures Project Office and HAVE ROBE Follow-On Project Office. The primary responsibility of the incumbent will be to provide the necessary clerical and secretarial services required for the efficient operation of the two project offices (a total of three people). Incumbent types and assembles official correspondence, memoranda and reports; receives and directs visitors and phone calls; maintains all assigned files; processes time cards and travel orders. Job Relevant Criteria: Ability to type efficiently and accurately and to get along with others; reliability and dependability. File applications for the above with Marge Stanton, Bldg. 34, Rm. 206, Ph. 2723.
- Aerospace or Mechanical Engineer, GS-841/830-9-11-12, PD No. 7640099, Code 4062 — This position is located in the Structural Mechanics Branch of the Systems Development Department. Incumbent's responsibilities entail structural analysis and testing of airframes and missile components. Incumbent will be responsible for development of environmental data, test conditions, definition of structural loads and coordination of such projects. Incumbent will also plan programs of analytical/experimental applied research in structural mechanics. Job Relevant Criteria: Experience in structural testing instrumentation and measurement techniques; ability to use digital and analog computers; experience in destructive/non-destructive material and structural testing.
- Electronics Engineer, GS-855-11/12, PD No. 7640100, Code 4084 — This position is located in the Survivability/Lethality Facilities Branch, System Development Department. Incumbent's responsibilities will include facility instrumentation systems design and development; instrumentation evaluation and in development Department. Incumbent's responsibilities development. Job Relevant Criteria: Experience in instrumentation systems design; digital and analog circuit design experience; ability to communicate effectively. File applications for the above with Charlotte Sieckowski, Bldg. 34, Rm. 204, Ph. 3118.



THIRTY YEARS WITH THE NAVY — Sheetmetal mechanic Claude E. Tavernier recently received his 30-year pin Federal service from Capt. William F. Daniel, head of the Public Works Department. Tavernier began his career with the Navy during World War II when he served in the European and Pacific theaters, and earned the Distinguished Flying Cross. Tavernier has been a civilian Navy employee at NWC since 1950.

Navy Wives Club to launch fall season activities Aug. 26

A busy schedule of activities for the fall and winter season will begin with a membership tea for all present and prospective members of Desert Flowers Chapter No. 125 of the Navy Wives Club of America.

This event is coming up next Thursday, Aug. 26, starting at 7:30 p.m., and will be held at 511 Essex Circle, which is the home of Mrs. June Herrmann, club advisor, who is the wife of Capt. T. C. Herrmann, the NWC Senior Chaplain.

Mrs. Linda Fleeger, club president, and her corps of officers, have extended an invitation to attend the membership tea to the wives of all Navy, Marine Corps and Coast Guard enlisted personnel.

Welcome Mat is Out

The welcome mat also is out to the wives or widows of men who have been honorably discharged from any of the aforementioned branches of the military service, or who have been transferred to the Fleet Reserve upon completion of active duty.

The Navy Wives Club of America, which was chartered in 1936, is dedicated to improving life in the Naval service. Its other purposes are to promote a friendly relationship among the wives of enlisted men in the United States' Sea Services; to offer assistance to needy members and families of Navy, Marine Corps and Coast Guard personnel; to foster a spirit of fellowship among its members, their neighbors and Navy friends, and (in general) to help its members and other wives of military personnel to become active participants in both the military and civilian community in which they live.

Worldwide Organization

Navy Wives Club of America are located all over the world. Members may transfer from one club to another and be assured of friendship and assistance when they reach their next destination.

On a national level, the NWCA is involved in a number of volunteer projects. Major ones are offering support to Personal Service Centers, the Navy Wifeline Association (which provides information and referral service to all Navy men and their families), the Red Cross and the Navy Relief Society.

The most well-known activity of the NWCA is a Scholarship Foundation which provides funds for college scholarships for the dependents of enlisted men of the Navy, Marine Corps and Coast Guard. This past May, Desert Flowers Chapter presented a \$300 donation to this scholarship fund during the Southwest Regional Convention that was held in San Diego.

On the local level, Desert Flowers Chapter is a very active group in spite of its small size. Meetings are held on Thursdays at 7:30 p.m. at the club's meeting place, 415 McIntire St., China Lake.



PLANS GOING FORWARD — Mrs. Linda Fleeger (at left), president of the Desert Flower Chapter No. 125 of the Navy Wives Club of America, and Mrs. June Herrmann, wife of the Senior Chaplain and club advisor, examine a tea service in preparation for the Desert Flowers' membership tea to be held at the latter's home at 7:30 p.m. on Thursday, Aug. 26. According to Mrs. Fleeger, all wives of enlisted Navy, Marine Corps and Coast Guard personnel are invited to join the club. Women interested in attending the tea may make arrangements to do so by calling Mrs. Fleeger at 446-4233 or Mrs. Janice Quinn at 446-4614. —Photo by Ron Allen

Board meetings are held on the first meeting of the month. In addition to Mrs. Fleeger, the president, the current slate of officers includes June Tracey, vice-president; Janice Quinn, recording secretary; Susan Johnson, corresponding secretary; Janice Reed, chaplain; Diane Wadelin, treasurer, and Yvonne Brode, parliamentarian.

At the officers' meetings, business that will be reviewed at the general membership session on the second Thursday of the month is discussed, and the third and fourth meetings of each month are taken up by such things as craft work in preparation for the WACOM Holiday Bazaar, and educational programs featuring speakers on subjects of importance to Navy wives, their families and the community in which they live.

In an effort to serve this community and its enlisted military personnel, the members of Desert Flowers Chapter No. 125 have, in the past, done such things as providing babysitting service through the Child Care Center for youngsters in the families of enlisted men in paygrade E-5 and below when they have a sick child in need of medical care or when the parents require medical attention.

The Navy Wives Club also donates lollipops that are given out to children who visit the Pediatric Department of the Dispensary; have been regular contributors to Sunshine House, an activity center for the handicapped; and collect food for a needy family at Christmas.

Associate membership in the Navy Wives Club of America is open to any women interested in the group's activities or helping to further its purposes. Those interested may obtain information about associate membership status by calling Mrs. Fleeger at 446-4233, or Mrs. Quinn at 446-4614.

Class in repair of miniature electronic components offered

Applications are now being taken for enrollment in a Miniature Component Repair training course that will begin on Wednesday, Sept. 8, and continue for 13 working days in the training room of the avionics repair training facility at 75 Parsons Rd.

The techniques that individuals must master and the tools required to perform high reliability repair and assembly of electronic circuitry will be taught. Successful graduates will be certified as meeting the requirements of Naval Air Systems Command Instruction No. 4790.7.

Additional information about the Avionics Module Repair Improvement Program can be obtained by contacting either L. G. Terral or E. J. Donohue, Code 5561, by calling NWC ext. 3338 or 3573.

Employees interested in attending this course must submit an enrollment form via proper department channels in time for it to reach Code 654 no later than Monday, Aug. 23.

Assessments due from GEBAs, CLMAS members

Assessments are now due from members of the Government Employees Benefit Association and the China Lake Mutual Aid Society following the recent death of Kenneth Atkins.

The deceased, a former Code 5545 employee, was 52 years old at the time of his death on July 31 at the Ridgecrest Community Hospital.

GEBAs and CLMAS members are asked by Larry Mason, secretary, to contact the collectors in their work area to pay this latest assessment, which is No. 373.

Mason also urged GEBAs and CLMAS members check to make sure that up-to-date information regarding their beneficiaries is on file. He can be contacted after working hours by calling 446-4794.



PLANS IN FULL SWING — As an example of upper-management support for this year's annual summer party, Dr. G. L. Hollingsworth, the Naval Weapons Center's Technical Director, purchases a ticket for the Aug. 27 event from Nancy Zimmerman, chairperson of the sponsoring Junior Professional Program Committee and a data analyst in the Weapons Department's Systems Concepts Branch. The party will begin at 6 p.m. at the Commissioned Officers' Mess and will include a spaghetti dinner and dancing to the music of a Los Angeles-based group named "Deliverance." Tickets for the party — which is open to all NWC employees, military personnel and their dependents — are priced at \$3.75 for adults and \$1.75 for children less than 12 years of age. They can be purchased in advance at department offices, and will also be sold at the COM on evening of Aug. 27.

Happenings around NWC

A representative of the Social Security office in Lancaster will pay another of her regular monthly visits to China Lake next Thursday, Aug. 26.

Persons wishing to apply for a Social Security number or obtain information about Social Security benefits and Supplemental Security Income claims can do so at the Community Center between 9 and 11:30 a.m.

This same type of assistance is also available at the recently opened Social Security office located at 337 W. Ridgecrest Blvd. in Ridgecrest. Office hours there are Monday through Wednesday of each week, from 9 a.m. to 3:30 p.m.

Luau Slated at CPO Club

A limited number of tickets will still be sold at the door for the Chief Petty Officers' Club's annual luau to be held tomorrow evening.

The traditional ceremonial dance connected with the preparation of roast pig for dinner will kick off the affair at 6:30 p.m., while the dinner itself will begin at 7:30.

At 9 o'clock the main show will begin, led by Portia Hewitt and her "fantastic island troupe." She will be accompanied by a four-piece musical group, 16 dancers, a specialized fire-and-knife dancer, and a "long, tall, beautiful Polynesian-Texan dancer whom most people still have not forgotten from last year's show," according to George Barnard, CPO Club manager.

Snack Bar To Open in Lab

A new snack bar, located in the same area as the former cafeteria, will open on Monday in Michelson Laboratory. Its hours of operation will be Monday through Friday, from 9 a.m. to 1 p.m.

The snack cart will continue to circulate throughout the laboratory each weekday morning, as it has been doing in the past.

According to Ltjg. Mike Barnett, Navy Exchange officer, a grand opening ceremony at the Michelson Laboratory snack bar will take place on Monday, Aug. 30.