

Cerro Coso College Expects Larger Enrollment in Fall

When Cerro Coso Community College opens in September 1973, its many new, innovative, and expanded programs are expected to attract a significantly higher number of students than have been enrolled at the Desert Campus of Bakersfield College.

It is anticipated that included among these will be a greater proportion of local high school graduates, a higher percentage of full-time students, and many more students who reside outside the local community but still within the college service area.

According to college officials, this growth in local college enrollment could result in the necessity for making available more type of housing suitable for students within the community.

In an effort to explore possible alternatives to college-operated student housing, the college Student Services Office is currently undertaking a survey of the citizens in the community to determine what types of housing accommodations could be made available to prospective Cerro Coso students, beginning next September. This would include the private homeowner who has an extra room in his house as well as the landlord with apartments or other multiple-dwelling units suitable for student use.

The ultimate goal of this survey is to compile a file of specific local housing accommodations that can be made available to the college, and ultimately to college students

seeking such housing.

All persons who may have some form of housing to rent to college students by next fall are encouraged to contact the college office by calling 375-1548 as soon as possible. Further information and a listing form will be mailed to them.

Dan Lydon Is Tapped To Lead Toastmasters

A new slate of officers, headed by Dan Lydon as president, was installed during a recent meeting of the China Lake Toastmasters Club.

In addition to Lydon, the Toastmasters Club's officer team includes Michael Levine and Art Breslow, as administrative and educational vice-presidents, respectively; Pete Peterson, assistant educational vice-president; George Stefan, secretary; John Ward, treasurer; Ray Martinussen, sergeant-at-arms, and Ken Lebow, parliamentarian.

Duties of installing officer were handled by Ward, who has just ended a term serving as area governor for Toastmasters.

Meetings of the China Lake Toastmasters Club are held every Thursday at 6 p.m. at the Commissioned Officers' Mess. Those interested can obtain information about joining the group by calling Levine at NWC Ext. 2862.



LIGHTS, COLOR, ACTION — The Disneyland "Electrical Parade," a color-filled nighttime spectacle, is only part of a galaxy of lively entertainment available at Disneyland this summer to Magic Kingdom Club members and their families. From June 16 through Sept. 8, Disneyland will be open daily from 8 a.m. until 1 a.m. Summer visitors will be among the nation's first to view Disneyland's newest attraction, "The Walt Disney Story." Music specials for mod tastes will feature Clint Holmes, "Edward Bear," Dobie Gray and other stars from the recording world. Such music greats as Tex Beneke, Harry James, Bob Crosby, Woody Herman, and Buddy Rich will furnish melodies with a more traditional beat. Further information on the Disneyland summer schedule and Magic Kingdom Card discount coupons is available at the Community Center.

Camper Owners Warned: Don't Block Street View When Parking

Motorists who are in the habit of leaving their campers, trailers or motor homes parked at street corners in residential areas are the target of a number of complaints that have been received recently, the NWC Safety Department reports.

Other vehicle operators have found their view at cross streets hampered or blocked due to the above-noted practice, with the result that there have been several near misses between vehicles.

Celebrate The Fourth of July Safely, Sanely

Family get-togethers, outdoor sports activities, lots of beer and watermelon—and fireworks. All these characterize the Fourth of July holiday. Fireworks, especially, are associated with the traditions of the day.

The Safety Department reminds residents that a gala holiday can turn quickly to a grim one unless extreme care is used in handling and igniting fireworks.

Even sparklers, commonly thought of as "safe" fireworks, are inherently dangerous. Direct contact with a sparkler means a painful burn. Sparklers have been known to ignite clothing and to cause serious injury, even death.

The past three Independence Days have been free of fireworks-connected accidents on the Center. Let's keep it that way!

Want to be safe and still have those fireworks? The Special Services Division is sponsoring the traditional fireworks display, to be held at Mirror Lake at 8:30 p.m.

SHOWBOAT

MOVIE RATINGS

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

(G) ALL AGES ADMITTED
General Audiences

(PG) ALL AGES ADMITTED
Parental Guidance Suggested

(R) RESTRICTED
Under 17 requires accompanying Parent or Adult Guardian

CS - Cinemascope
STD - Standard Movie Screen

Regular starting time — 7:30 p.m.
Matinee — 1 p.m.

FRI. 29 JUNE

"A WARM DECEMBER" (101 Min.)
Sidney Poitier, Esther Anderson
(Melodrama) This is a bittersweet tale of an ill-fated romance between a handsome American widower (Sidney Poitier) on a visit to London with his pre-teenage daughter (Yvette Curtis) and a stunningly beautiful diplomat (Esther Anderson), a member of an emerging African state embassy. (PG)

SAT. 30 JUNE

—MATINEE—

"WHEN DINOSAURS RULED THE EARTH" (96 Min.)
Victoria Vetri, Robin Hawdon
(Drama) A fiery ball breaks away from the sun, giving birth to the moon. A primitive rock tribe blames the resulting upheaval of the earth's surface on fair-haired Sanna (Victoria Vetri) and condemns her to death. (PG)

—EVENING—

"THE THIEF WHO CAME TO DINNER" (105 Min.)
Ryan O'Neal, Jacqueline Bisset
(Comedy) Webster McGee (Ryan O'Neal) quits his job as computer analyst to become an "honest" thief. He teaches himself all the tricks, and to give his new enterprise an air of mystery, Webster becomes the chess burglar. Suspense emerges as the law and a chess master try to outwit him. (PG)

SUN. & MON. 1-2 JULY

"TWO PEOPLE" (101 Min.)
Peter Fonda, Lindsay Wagner
(Drama) Peter Fonda, a Vietnam deserter, having wandered the world, decides to turn himself in. He meets Lindsay Wagner, a jaded divorced fashion model in Marrakech and they talk their way to Casablanca, make love in Paris, and fly to New York where he is to face the military. (R)

TUES. & WED. 3-4 JULY

"THE EMIGRANTS" (151 Min.)
Max Von Sydow, Liv Ullmann
(Drama) The Emigrants is a saga of the exodus of oppressed Swedish farmers in the 1850s from their famine-stricken homeland to Minnesota. Their hardships are shown in true fashion. (PG)

THURS. & FRI. 5-6 JULY

"THE WORLD'S GREATEST ATHLETE" (93 Min.)
Jan-Michael Vincent, John Amos
(Comedy) Coach John Amos leaves Merrivale College after a losing streak in which every team under him loses, no matter what sport is involved. Amos travels to Zambia where he discovers a remarkable athlete and tricks him into competition. The youth finally returns to Zambia and Amos finds another athlete in China. (G)

Youth Matinees

"Billy Rose's Jumbo" leads the week at the Center Theater for the Youth Center Matinees.

Starring Doris Day and Stephen Boyd, this film will play on Tuesday, beginning at 1 p.m.

On Thursday, July 5, "Son of Lassie," starring Peter Lawford and June Lockhart, Lassie and Laddie, will be shown.

From _____

TO _____

PLACE STAMP HERE

NWC Undergoes Organizational Changes

In the interest of furthering the Research, Development, Test and Evaluation (RDT&E) mission capability of the Naval Weapons Center, certain technical organizational changes have been made, and went into effect last Monday (June 25).

The changes involve the grouping of the NWC technical community into three principal directorates, each headed by a Deputy Technical Director, and with each directorate being supported by common research and planning staffs.

The intent is to delineate and evolve primary mission area assignments within each directorate, and to provide sufficient personnel assets and facilities to enable maximum flexibility and optimal resource allocation in meeting technical program requirements. Chosen to head up the Deputy Technical Director spots are Leroy Riggs, Code 03, Electronic Systems; Frank Knemeyer, Code 04, Strike Systems, and Dr. Ivar Highberg,

Code 05, Air Combat Systems.

Each of the three Directors has been delegated authority and responsibility for managing, integrating, and evaluating all aspects of the work performed within his directorate, and reports to the Technical Director, Dr. Walter B. LaBerge, on the results thereof.

They will establish such staff and advisory positions, reporting directly to them, as they may see fit to enable them to exercise overall managerial control of the departments within their directorates.

Departments under Riggs will be the newly formed Surface Missiles Department, Code 31, headed by W. B. Porter (Acting); the Fuze Department, Code 33, headed by B. F. Husten until July 1, when Riggs will take over as the Acting Department Head; the Electronic Systems Department, Code 35, headed by D. J. Russell (Acting); and the Test and Evaluation Department, headed by W. R. Hattabaugh (Acting).

Knemeyer will be responsible for the Weapons Development Department, Code 40, for which he will also serve as the Acting Head; and the Propulsion Development Department, Code 45, headed up by Dr. G. W. Leonard.

Dr. Highberg has been given the Systems Development Department, Code 51, headed by C. P. Smith; the Technical Information Department, Code 53, headed by C. E. Van Hagan; and the Engineering Department, Code 55, headed by B. W. Hays (Acting).

Reporting directly to the Technical Director will be the Research Department, Code 60,

under the guidance of Dr. Hugh Hunter; the Weapons Planning Group, Code 12, headed by Carl Schaniel; the Technical Officer, Code 14, Capt. T. C. Wimberly, and the Technical Consultant, Code 011, who is Dr. H. A. Wilcox.

Each Technical Department (Continued on Page 3)

New Deputy Technical Directors



Leroy Riggs



Frank Knemeyer



Dr. Ivar Highberg

June 29, 1973

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nwc rocketeer

Naval Weapons Center
China Lake
California

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IWV Community Safety Council Holds Annual Awards Luncheon

Last Tuesday noon the Indian Wells Valley Community Safety Council held its second annual safety awards luncheon. Rear Admiral Paul E. Pugh, NWC Commander, and Mayor Kenneth Smith of Ridgecrest were honored guests.

The luncheon, held at The Hideaway Restaurant in Ridgecrest, gave the Safety Council opportunity to reiterate publicly its own worthy goals as well as recognize individuals and organizations contributing substantially to safety in this community.

Lieutenant Commander C. E. Williams, chairman of the Safety Council, served as master of ceremonies for the occasion. LCdr. Williams opened the meeting with a description of the purpose of this public-spirited group. The Safety Council membership is seven safety-conscious citizens, three appointed by the NWC Commander, three appointed by the Mayor of Ridgecrest, and one appointed by the Council itself to represent the area at large. LCdr. Williams introduced the other members, most of them present at the luncheon: Mrs. Ann Teppo (program chairman), Mrs. Pam Pisanti, Tommy Chapman, J. D. McKernan, Mrs. Mickey Strang, and Don Lumsden. LCdr. Williams also thanked Kit Skaar, head of NWC's Safety Department, who serves the Council in an advisory capacity; and Mrs. Gladys D. Moss, who helps with the paperwork.

The purpose of the Safety Council, LCdr. Williams said, is to coordinate safety programs in the two communities, to serve as a hands - across - the - fence organization to promote safety consciousness in both communities, and to recommend actions for safety to cognizant organizations. He invited those present and other interested citizens to attend any Safety Council meeting, held the third Wednesday of each month in the Safety Building on the Center.

Bruce and Anne Auld received an award for the extensive work they have done as volunteer teachers of water safety skills, as well as coaches of the High Desert Swim Team. "A hundred local youngsters a year have directly gained from their activities; how much further their influence has extended is immeasurable," the award read, in part. Another water safety award was presented to Carol Chatterton for her volunteer efforts with the Indian Wells Valley Swim Team, "a community service beyond monetary value."

The importance of water sports to members of this community became apparent in the large percentage of awards presented this year for emphasis on water safety. Two other water safety awards were presented, one to the members of Coast Guard Auxiliary, Flotilla 76, for "hours of class time, of sharing expertise with others, of free boat inspections and instructions in safe practices and procedures." These services, the award said, "have

(Continued on Page 3)

Hard, McKenzie Garner Bjorklund Management Innovator Recognition

Robert V. McKenzie, head of the Special Projects Group, Central Staff, and W. A. Hard, who serves both in NWC's Central Staff and Personnel Department, were chosen to receive the R. W. Bjorklund Management Innovator Award from the American Society for Public Administration (ASPA), China Lake chapter.

Rear Admiral Paul E. Pugh, NWC Commander, made the award presentations which took place at the Commissioned Officers' Mess last Tuesday evening.

Guest speaker for the evening was Dr. Walter B. LaBerge, NWC's Technical Director, whose subject was "The Intended Management Philosophy of NWC." Dr. LaBerge explained to the audience the

reasons for establishing the three major deputy technical directors by areas of work, and the allocation of departments to those men.

In addition, he spoke on the appointment of Dr. W. Frank Cartwright as Senior Technical Consultant along with Dr. H. A. Wilcox. According to Dr. LaBerge, Dr. Cartwright will chair the important Discretionary Fund Review (DFR) committee, along with also heading up the Center's energy program.

In his new duties, Dr. Cartwright will also act as a general technical investigator of problems of urgency to Dr. LaBerge.

Other subjects touched on by Dr. LaBerge included an explanation

of the reason for putting the Research Department as a staff function, reporting directly to him. Dr. LaBerge pointed out that this move would enable him to get the scientific advice of this highly qualified group, and so that their services would be made readily available to the remainder of the technical community via the three new Deputy Technical Directors.

The criteria for the Bjorklund Award include introduction of change into the management process, introduction of change in the community-related area, novelty of concept (original or adaptation), and effective implementation of the concept or changed process.

Bob McKenzie was recognized by the award for the origination and implementation of the recently concluded NWC management audit.

The method of conducting the audit, which was considered a successful way to improve the operation of organizations within NWC, was developed by McKenzie. Innovations were incorporated into the method as they were developed, resulting in a dynamic, living, growing, and changing process.

Hard was selected for the award due to his origination and implementation of Organizational Development in its current form at the Naval Weapons Center.

Through personal imagination and diligence in application of techniques he developed for use here, Hard overcame initial un-

(Continued on Page 3)

Dad To Retire, Swears Son In As Replacement

Lieutenant Commander Floyd R. Castillo, a veteran of over 21 years' Navy service, will retire this July 31. But the Castillo family will still have Navy representation. Recently LCdr. Castillo participated in a ceremony where he swore in his son, David R. Castillo, to the Naval Reserve.

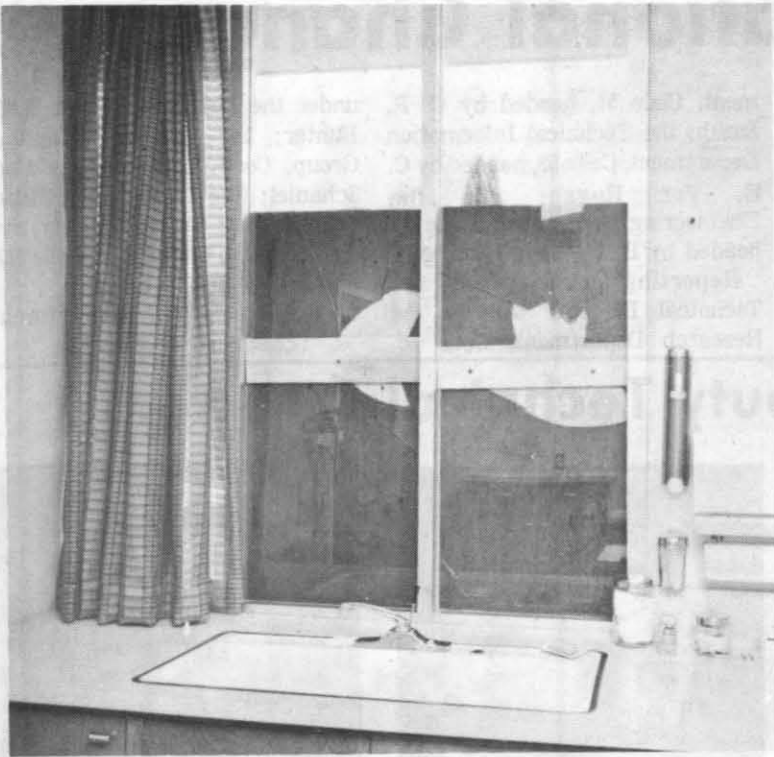
David, a 1973 graduate of Burroughs High School, will report to the Naval Academy Preparatory School this Aug. 13 to commence a course of instruction which could lead to an appointment to the U.S. Naval Academy in July

of 1974. The Castillos came to China Lake in June 1971 from the Philippine Islands. LCdr. Castillo plans to stay here after his retirement. The Castillo family will continue to live at their home at 525 South Sanders, Ridgecrest. LCdr. Castillo is presently Head of Staff of the Supply Department.

LCdr. and Mrs. Castillo have two other children, Joe, who will graduate from Burroughs High School next year, and Amy, who will be in the eighth grade at James Monroe School.



YOU'RE IN THE NAVY NOW, SON — David R. Castillo is sworn into the Naval Reserve by his father, LCdr. Floyd R. Castillo, Supply Department Head of Staff. A 1973 graduate of Burroughs High School, David will attend the Naval Academy Preparatory School, at Annapolis, Md.



VANDALISM AT MURRAY SCHOOL — During the past weekend, a vandal, or vandals, broke every window in the China Lake Elementary School District Office, on the Murray School campus. According to Grant R. Pinney, Assistant Superintendent of the district, \$750 in glass alone was destroyed. "This doesn't count the hours of labor needed to replace the glass," he said. Pinney also stated that in 1972, more than \$5,000 worth of glass was broken in the district. Parents are requested to please talk to their children about such acts of wanton vandalism, and remind them of their duty to report any knowledge of perpetrators of such deeds to the authorities. Also this past weekend, vandals broke many panes of glass at the Center Gymnasium's swimming pool area, causing the pool to be drained and cleaned.

July 4 Holiday Hours

Most Naval Weapons Center facilities will be closed on Wednesday, July 4 to celebrate the Independence Day holiday. Those business and recreation areas open for business are as follows:

Facility	Hours Open
ESB Dining Room	6:30 a.m.-1:30 p.m.
Fazio's Shopping Bag	10 a.m.-7 p.m.
Auto Hobby Shop	12 noon-5 p.m.
Golf Course	Regular Hours
Cym / Pool	1 - 5 p.m.
Hall Lanes	11 a.m. - 11 p.m.
Theater	Regular Hours
Youth Center	10 a.m. - 5 p.m.
Bowling Alley Snack Bar	Regular Hours

PROMOTIONAL OPPORTUNITIES

Applications for positions listed in this column will be accepted from current NWC employees and should be filed with the persons named in the ad. All others desiring employment with the Naval Weapons Center may contact the Employment Division, Code 452, Extension 2589. Current applications (SF-171) or Standard Form 1973 should be submitted bringing your work history up to date if one has not been submitted within the last 6 months. The fact that positions are advertised in this column does not preclude the use of other means to fill these positions. Part of the ranking process of those rated as basically qualified will be a supervisory appraisal form that will be sent to the employees present and most recent previous supervisor. Selection shall be made without discrimination for any nonmerit reason.

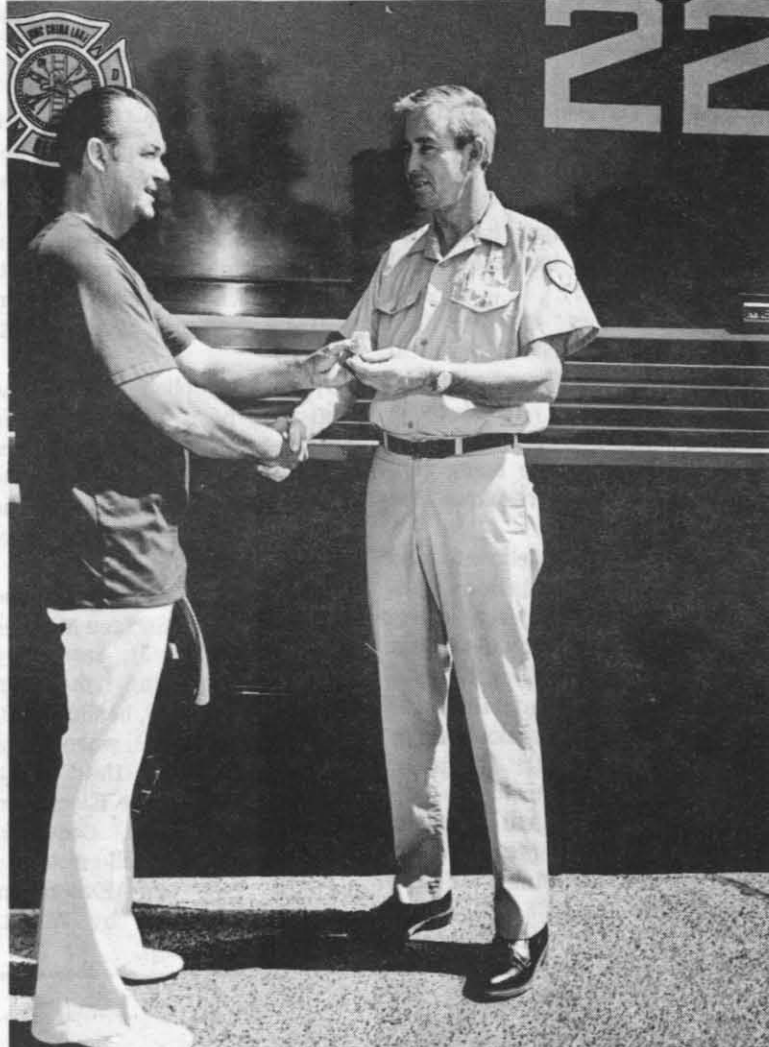
Supervisory Electronics or General Engineer, or Physicist, GS-1310-14 or 15, PD No. 7340096, Code 405 — Incumbent is responsible for the technical and administrative direction of projects assigned to the Infrared Systems Division. As head of the division he directs division program managers in planning and implementing exploratory, advanced and engineering development of the many complex programs in the division. Typical efforts under his direction include the Night Attack Weapons System, Bulldog, YOY-10, HOGS, FLIRT, and the AS-ETRAM systems. He formulates proposals for the development of weapons systems and assists in the review and evaluation of proposals formulated by individuals within NWC, NAVAIRSYSCOM and other organizations. Provides advice and planning information regarding the programs for which he is responsible to the Department, Center, the Naval Air Systems Command, Chief of Naval Operations, and the DDR&E. Job Relevant Criteria: Successfully demonstrated ability to direct and coordinate technical, fiscal, and scheduling aspects of complex multi-million dollar programs of national significance. Extensive and detailed knowledge of electrical engineering principles and techniques; an in-depth knowledge of infrared devices and systems; aircraft fire control systems utilizing infrared detection, search and track techniques. Supervisory experience as a Branch Head or as a supervisor of a variety of clerical, editorial, and administrative duties related to the management of the office, such as scheduling appointments and conferences; telephone and reception work; receiving and reviewing incoming mail; reviewing and editing outgoing mail for the division; providing technical knowledge of specialized subject matter is not required. Job Relevant Criteria: Demonstrated telephone reception skills and experience typing administrative and technical subject matter. Must be a proficient typist and be thoroughly familiar with policies and procedures for reviewing official outgoing correspondence. DMTY experience is desired. Minimum Qualification Requirements: As outlined in CSC Handbook X-118.

Secretary (Dictating Machine Transcribing), GS-3184 or 5, PD No. 4948123, Code 405 — This position is that of Secretary to head, Infrared Systems Division, Weapons Development Department. Incumbent provides personal assistance to division head and his staff by performing a variety of clerical, editorial, and administrative duties related to the management of the office, such as scheduling appointments and conferences; telephone and reception work; receiving and reviewing incoming mail; reviewing and editing outgoing mail for the division; providing technical knowledge of specialized subject matter is not required. Job Relevant Criteria: Demonstrated telephone reception skills and experience typing administrative and technical subject matter. Must be a proficient typist and be thoroughly familiar with policies and procedures for reviewing official outgoing correspondence. DMTY experience is desired. Minimum Qualification Requirements: As outlined in CSC Handbook X-118.

Clerk-Typist, GS-322-3 or 4, PD No. 7340002, Code 4002 — This position is located on the Staff, Weapons Development Department. Duties will be divided between Space and Facilities records, and general mail room tasks. The incumbent will maintain Space and Facilities records for the department including floor plans, occupancy and utilization data, and requests for Public Works services. The incumbent will also receive, sort, distribute and file incoming and outgoing correspondence. Other duties include typing memoranda and space reports and performing general clerical and office work. Job Relevant Criteria: Demonstrated telephone reception skills and experience typing administrative and technical subject matter. Magnetic Tape Selectric Typewriter operation experience is desirable. Minimum Qualification Requirements: As defined in CSC Handbook X-118.

File applications for the above with Elizabeth Sodergren, Bldg. 34, Rm. 204, Ph. 2676.
Clerk (Typing) GS-301-05, PD No. 03002, Code 303 — This position is division secretary to the head of the Assessment Division. Incumbent will type all types of letters, memoranda, official correspondence, reports and forms. Other duties include: answering phone; placing and receiving long distance calls; receiving visitors; arranging for travel for supervisor; sorting and distributing mail and other duties required to maintain an efficient office. Minimum Qualification Requirements: As outlined in X-118. Job Relevant Criteria: Must be qualified typist; ability to work independently.
File Librarian, GS-1001-04, PD No. 7320050, Code 3032 — The incumbent's duties consist of editing photographic captions; cataloging; preparing cross-reference index and card files, proper filing and storage of still negatives and prints; assisting customers in researching film library; selecting, preparing for shipment, and recalling library originals

File applications for the above with Linda Grossman, Bldg. 34, Room 204, Phone 2925.
Clerk-Typist, GS-322-3 (WAE), PD No. 7155104, Code 319 — This position is located in the Material Division, Supply Department. Duties include personal and telephone contacts with individuals at all levels of the Naval establishment and with representatives of business and industry, the collection and presentation of data concerning the operation of the Material Division, typing of correspondence, and performing other clerical tasks as required. Minimum Qualification Requirements: As defined in X-118 Civil Service standards. Job Relevant Criteria: Must have a general concept of clerical duties; must be qualified typist; must be able to handle all tasks with minimum supervision; must have a good command of English language and a thorough knowledge of punctuation; must be capable of maintaining files. Advancement Potential: GS-3 to GS-4. File applications for the above with Claire Lewis, Bldg. 34, Rm. 202, Ph. 2923.



NEW FIRE CHIEF — Jack Brust (shown at left), former Chief of the Fire Division of the NWC Security Department, presents his Fire Chief badge to his successor, Chief R. E. Rightmer. Brust retired recently after more than 30 years of service. Chief Rightmer was promoted to his present rank after serving as the Deputy Fire Chief since February 1971. Rightmer began his Navy service in 1945 when he enlisted in the U. S. Navy. His firefighting experience includes tours at NAS, North Island and San Clemente Island prior to coming to China Lake. —Photo by PH3 D. M. Jenereaux

from storage. Maintenance of the film library requires the ability accurately type information which will later be photographed. Incumbent will also be responsible for receiving work requests for photographic services. She must determine that requests for work descriptions are clear and within the branches or contract capabilities; advise customers on most economical services to request. Minimum Qualification Requirements: As outlined in X-118. Job Relevant Criteria: A general understanding of film library operations, and some knowledge of photographic terminology is desirable. Typing ability (accuracy is important).

Secretary-DMT, GS-3184-05, PD No. 733944, Code 301 — Incumbent is required to provide typing and clerical services to the Program Management Branch and the AIM-9L Technical Project Branch. Position requires knowledge of both Navy and Air Force correspondence procedures, as it is a joint Navy and Air Force office. Assists in electronic presentation material and maintains a file of presentation material suitably organized to expedite preparation of presentations. Receives and distributes incoming correspondence; receives and screens telephone callers and refers them as appropriate. Minimum Qualification Requirements: As outlined in X-118. Job Relevant Criteria: Experience as a test conductor during operational testing of electronic equipment and ECM tactics. Familiarity with digital radar instrumentation. Experience in planning and coordinating tests for the evaluation of electronic warfare and tactics. Thoroughly familiar with the operational capabilities of range and airborne equipment. NOTE: Those who applied to the Air Operations Specialist ad in June 22 Rocketeer will automatically be considered and need not reapply.

Air Operations Specialist, GS-301-7, 8 or 9, PD No. 7235120; 1 vacancy, Code 3553 — This position is located in the Electronic Warfare Projects Branch, Countermeasures Division, Electronic Systems Department. The operations of this branch are conducted exclusively at Echo Range in the Randsburg Wash test area. The incumbent of this position will be required to function as an air controller during the conduct of specialized electronic data collection tests. A major element of this position is the ability of the incumbent to precisely and continuously position aircraft by means of a complex electronic display system. After all aircraft are positioned, the incumbent will remain in direct contact with the aircraft for the duration of the test period. He will also monitor air space to maintain safety for aircraft and crews. The incumbent will be provided the opportunity to conduct actual tests, under the direct supervision of the test conductor, during routine operations to provide him with actual on-the-job training. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: Experience in controlling of aircraft and familiarity with coordination of restricted air space. Familiarity with aircraft flight characteristics and radar display systems.

File applications with Pat Gaunt, Bldg. 34, Rm. 212, Ph. 2514.
Air Operations Specialist, GS-301-11 or 12, PD No. 7235136, 1 vacancy, Code 3553

Employee In The Spotlight

I. Bruce Wertemberger, head of the Data Reduction Branch in the newly-designed Test and Evaluation Department's Test Support Division, is another of those resident physicists who come from thriving communities in Cowtown, U.S.A.



I. Bruce Wertemberger

He was born in Webster, N. Dak., and was one of three members in his high school graduation class, at Webster High School.

Bruce did his undergraduate work at Jamestown College, Jamestown, N. Dak., and earned a Bachelor of Science degree in physics.

Following his graduation in June 1963, Bruce came to China Lake to work as a physicist under Bill Ward and Dr. A. G. Hoyem. "At least, I was supposed to be working as a physicist, but somehow, I got into data reduction work," he explained. He's been doing that kind of work ever since.

In 1967, Bruce transferred to the old Test Dept., where he worked under Lee Lakin in the Data Automation Branch. While there, he spent six weeks at Christchurch, New Zealand, recording telemetry data as a member of the NOTS Microlock Team.

In February 1961, Bruce returned to AOD and became head of the Data Reduction Branch, until February 1966, when the branch, was transferred to the Test Department, and he became head of the two departments' combined data reduction branches.

A bachelor, Bruce still has become quite involved with the community life at China Lake. He is presently a member of the Federal Credit Union's board of directors, and during 1971 and 1972, served as president. In addition, he was a member of the Supervisory Committee for three years, and was chairman of that group for two years.

In the past he has served on the local ASPA board of directors and also was a member of the Civic Concert Assn. board of directors from 1962 to 1967. During 1965-6, he served as president of the group.

One of Bruce's unusual past-times is recruiting graduates from Jamestown College to work at NWC. He has been successful three times and plans to continue trying. Job-oriented involvements include chairman of the Executive Automated Data Processing Council, and chairman of the Users Committee of the ADP.

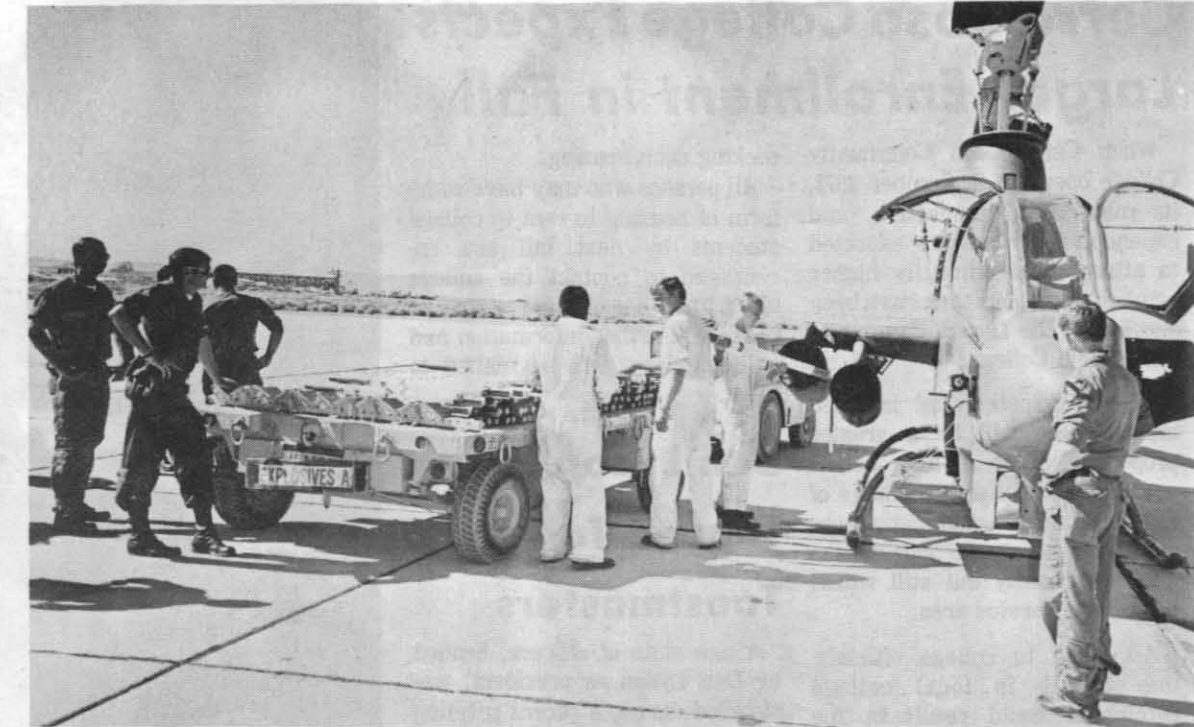
Also, he is the technical coordinator on the data reduction contract with Associated Aero Science Labs, a subsidiary of Control Data Corp.

Added to that, Bruce has been a member of the Data Reduction and Computing Group of IRIG, Range Commander's Council since 1961.

A confessed gadgeteer, Bruce also enjoys listening to hi-fi music and dabbling with 35mm photography. "I love to travel and do as much of it as my schedule permits," he said.



LITTLE KITTEN CAUSES BIG TROUBLE — It's not exactly all in a day's work, but Jesse Lewis, an auto mechanic in the Automotive Accessory Section of the Public Works Department's Transportation Division, came through with flying colors when assigned the task of rescuing a kitten that had scrambled beneath the floor of a Police Division pickup truck. The animal was picked up by a China Lake police officer after it had been slightly injured, and placed in the back of a pickup truck, since it was nighttime and the animal control officer wasn't on duty. The frightened feline crawled behind the truck seat and from there into a space between the truck's double floor. When a plaintive meowing sound was heard the next day by another officer, the pickup truck was turned over to Transportation Division personnel. Panels were removed from both sides of the vehicle to locate the trapped kitten, but it was finally necessary to chisel a hole in the floor in order to reach through and pull the kitten to safety.



PREPARATIONS FOR TESTS — Ordnancemen load 2.75-inch folding fin aerial rockets aboard an AH-1G (Cobra) helicopter in preparation for U.S. Army tests conducted here recently. Using aircraft and troops from F Battery and B Company, 227th Aviation Battalion, First Cavalry Division, Ft. Hood, Texas, the tests were under the direction of a team from Headquarters MASSTER (Modern Army Selected System Test Evaluation and Review), also from Ft. Hood. A total of 28 Army personnel participated in the tests. —Photo by PHAN Jerry Sizemore

Army Performs Helicopter Armament Tests on NWC's Instrumented Ranges

This week a group of U.S. Army personnel from Ft. Hood, Texas wound up a series of AH-1G Cobra armament tests conducted on NWC ranges. The tests were under the direction of Major Bert Amidon, Capt. Carl Paulsen, and Capt. William Gaylor from Headquarters MASSTER (Modern Army Selected System Test Evaluation and Review) in Ft. Hood.

Aircraft and troops used in the tests at NWC were from F Battery and B Company, 227th Aviation Battalion, First Cavalry Division at Ft. Hood. Test pilots and backup personnel first arrived here on April 16. A total of 28 Army personnel conducted the tests, including 10 of

ficers (9 of them pilots) and 18 enlisted men. Using the standard AH-1G (Cobra) helicopter, these tests evaluated the relative effectiveness of an improved fire control system on this helicopter. Also evaluated was the relative effectiveness of five different types of 2.75-inch folding fin aerial rockets.

The tests took place on Baker 1 and Baker 2 ranges. "We are enthusiastic about how well your ranges were set up for our purposes," Capt. Paulsen commented. While they were here, the Ft. Hood contingent found quarters in the NWC Barracks and BOQ housing.

A reminder of the need to be wary of flammable vapors that come from flammable liquids was issued this week by the Fire Division of the Naval Weapons Center's Security Department. When handling flammable liquids, users are cautioned to take special care to:

- (1) Eliminate heat. Just a small spark from a flame or an electric arc can set off a fire or explosion. Smoking nearby also is banned. As a safety precaution, worn electrical cords should be replaced.
- (2) Ventilate. When flammable liquids must be used indoors (in a garage or workshop), open doors and windows or use a specially designed exhaust system.
- (3) Clean spills immediately. Use sweeping compounds designed to absorb oil and grease. Protect clothing from spills, too. Throw rags in a self closing or covered container.
- (4) Use only small amounts in any work area. Always keep work area (garage, work sheds, etc.) in neat and clean condition.
- (5) Keep in clearly labeled, approved metal safety cans. Never use plastic or glass containers.
- (6) Store only what you absolutely need. Use cool, ventilated, isolated places for storage.

PROMOTIONAL OPPORTUNITIES

(Continued from Page 2)

Ability to perform well under tension and in close cooperation with other personnel. NOTE: Those who applied to the Air Operations Specialist ad in June 22 Rocketeer will automatically be considered and need not reapply.
Motion Picture Projectionist (16-MM), WG-3910-05, JD 256-2, Code 002 — This position is located in the Technical Presentations Office. Incumbent sets up, operates, and makes limited repairs on stationary and portable 16-mm sound picture projectors. Incumbent projects 16-mm films of various work operations such as test firings as well as documentary films to visiting dignitaries as well as members of the Center Management Team. Minimum Qualification Requirements: Six months of experience in the set-up, operation, adjustment, and limited repair of the 16-mm sound picture projectors and related equipment.

Clerk-Typist, GS-322-3 or 4, PD No. 7300003, Code 023 — This position is located in the Public Affairs Office and provides typing and clerical support for the Public Affairs Office

and for NWC Community Relations Programs. Incumbent acts as recording secretary for the Community Council, Traffic Court, and other boards and councils. Incumbent will transcribe and summarize minutes from meetings. Minimum Qualification Requirements: As outlined in CSC Handbook X-118. Job Relevant Criteria: Must be a qualified typist. Ability to take accurate and concise minutes at meetings of councils and hearing boards. Ability to deal tactfully with people. Familiarity with NWC organization and regulations. Skill in reducing conversations or discussions to a summary transcript. Advancement Potential: This position has advancement potential to the GS-5 Clerk (Typing) level.

File applications for the above with Sue Praslowicz, Bldg. 34, Rm. 266, phone 2577.
Engineering Technician, GS-0237, 8, or 9, PD No. 7345975, Code 4541 — This position is located in the Explosives Branch, Applied Research and Processing Division of the Propulsion Development Department. The incumbent will supervise the Melt-Cast facility; preparation of explosives for casting and direct the work in such a manner as to protect personnel from injury. The incumbent will monitor and record all pertinent facts pertaining to the cast operations; maintain liaison with other Center groups and assist project engineers throughout the assembly and explosive cast preparation. Job Relevant Criteria: Ability to supervise ordnance personnel; knowledge of Melt-Cast facilities; working knowledge of steam, air, water and hydraulic systems used in Melt-Cast facilities. Thorough understanding of explosive operational and ordnance safety. Practical knowledge of chemistry. Minimum Qualification Requirements: As specified in CSC Handbook X-118.

File applications for the above with Linda Grossman, Bldg. 34, Room 204, Phone 2925.
Clerk-Typist, GS-322-3 (WAE), PD No. 7155104, Code 319 — This position is located in the Material Division, Supply Department. Duties include personal and telephone contacts with individuals at all levels of the Naval establishment and with representatives of business and industry, the collection and presentation of data concerning the operation of the Material Division, typing of correspondence, and performing other clerical tasks as required. Minimum Qualification Requirements: As defined in X-118 Civil Service standards. Job Relevant Criteria: Must have a general concept of clerical duties; must be qualified typist; must be able to handle all tasks with minimum supervision; must have a good command of English language and a thorough knowledge of punctuation; must be capable of maintaining files. Advancement Potential: GS-3 to GS-4. File applications for the above with Claire Lewis, Bldg. 34, Rm. 202, Ph. 2923.

The Rocketeer

Official Weekly Publication
 Naval Weapons Center
 China Lake Lake, California

RAMD, Paul E. Pugh
 NWC Commander
Dr. W. B. LaBerge
 Technical Director
C. E. Van Hagan
 Head,
 Technical Information Department



DIVINE SERVICES

PROTESTANT
 Sunday Worship Service 1015
 Sunday School—All Ages 0900
 Wednesday Noon Bible Study 1130
 Sunday School Classes are held in Chapel Annexes 1, 2, 4 (Dorms 5, 6, 8) located opposite the Center Restaurant.
 Communion Service first Sunday of the month.

ROMAN CATHOLIC
 MASS
 Saturday 1700 fulfills Sunday obligation
 Sunday 0700 0830 1130

BLESSED SACRAMENT CHAPEL
 MASS
 Daily except Saturday 1135
 First Friday only 1135 1700

CONFESIONS
 Saturday 1545 to 1645
 Sunday 0800 to 0825

CCD CLASSES
 Sunday Kindergarten thru 6th grades 1015
 Wednesday Seventh and 8th grades 1900
 Above classes are held in Chapel Annexes across from Center Restaurant.
 As announced Ninth thru 12th grades
 "In Home" Discussion Groups
 Monthly Youth Rallies
 Contact Chaplain's Office for specifics.

JEWISH SERVICES
EAST WING—ALL FAITH CHAPEL
 Friday 1st and 3rd ONLY
 Sabbath Services 2000
 Sabbath School 0900

UNITARIANS
CHAPEL ANNEX 95

DEADLINES
 News Stories Tuesday, 4:30 p.m.
 Photographs Tuesday, 11:30 a.m.
 The Rocketeer receives American Forces Press Service material. All are official U.S. Navy photos unless otherwise identified. Printed weekly with appropriated funds by a commercial firm in compliance with NAVEXOS P35, revised July 1958. Office of Nimitz and Lauritsen. Information published in the Rocketeer does not necessarily reflect the official views of the Department of Defense.

Phones 3354, 3355, 2347



Circumambient Peripheralization

By Leo Rickmers

Actually I suppose I should regret leaving China Lake, but somehow I cannot justify this feeling. Oh, there have been special cases and I have made some good friends. Then too, I have seen my good friends severely criticized for being poor sports. Where else could a man be called a poor sport for citing the rules of baseball?

I have been run off of Little League diamonds because it was thought my presence as a photographer would disturb a game, then, received a call asking why there were no pictures of Little League in the paper;

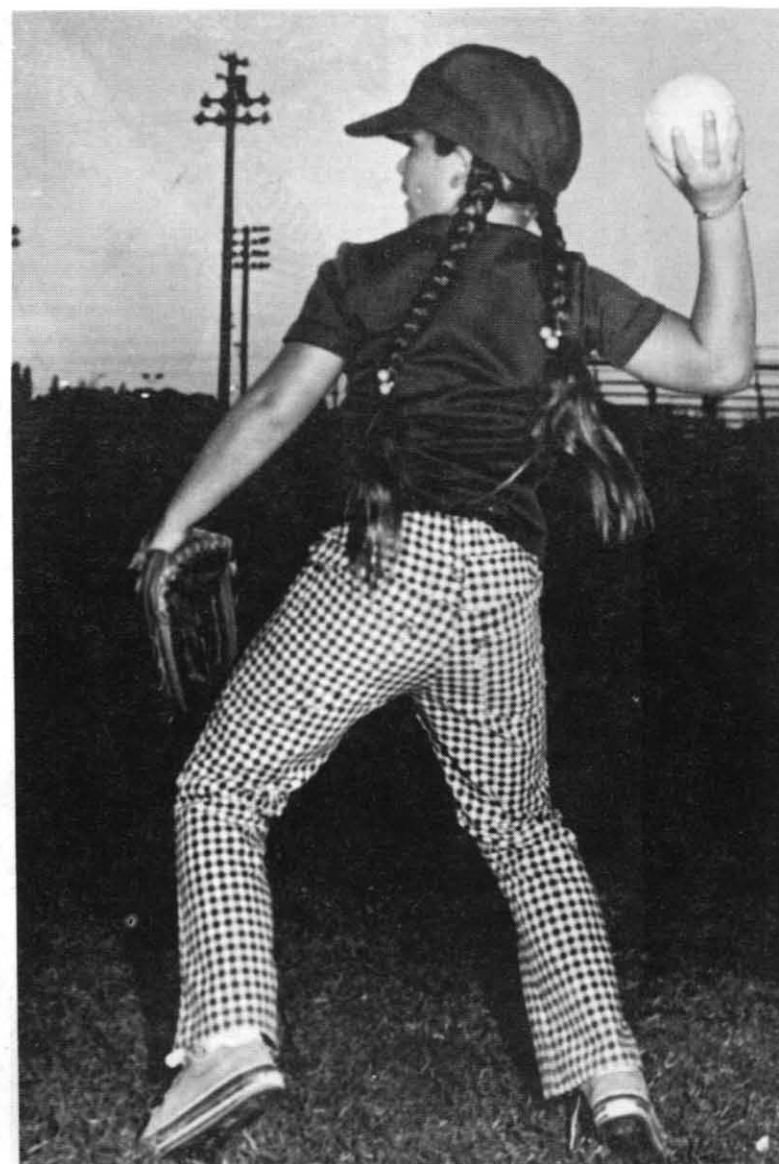
I have seen coaches curse an 8-year-old baseball player because they were so confused they couldn't decide which way to turn;

I have watched so called fun-league softball deteriorate into a cut-throat, mercenary league that berated a player for not being able to perform, in spite of his trying his darndest;

I have seen tennis fall into a clique that prepares its tournaments in such a manner that its members take home the trophies year after year;

I have also seen several members of Special Services work as hard as any human could in order to assure a successful program for kids whose parents don't even know they are playing or don't care enough to come out and support them.

It is these last people that I shall miss. China Lake, you are truly one-of-a-kind in the Sports World.



By Jack Lindsey

Generally, when I receive unsigned letters in the hate-mail department, I tend to ignore them. After all, I put my name to this column and voice my opinions right out where the entire world can see them, and if people disagree with me, yet don't have the courage to acknowledge who they are, then I figure I shouldn't waste my time on them.

This week, however, I received two unsigned missives I thought I might bring to the public's attention. The first read, in part:

"Hang in there Mr. Denkin. If it make you feel better go ahead and shift the blame of your short-coming on others... The truth of the matter is on June 14, 1973, you made a complete fool of yourself, and you have no one to blame except yourself, but you aren't man enough to admit it, are you?"

How utterly ridiculous. The writer is evidently a poor reader. The entire tone of the column was that Denkin blamed himself for the incident to the point where he removed himself as manager of the team. No one asked him to do this, he did it on his own hook because he knew how wrong he was.

In the other letter, really just a brief note, the writer stated that my one-sided Catbird column is beginning to smell almost as bad as I do. I consider that a pretty good compliment, actually.

I use Bravura, and it definitely has a sweet, not-too-sickly odor, that is sometimes rather heady. It pleases me to think that at least one reader recognizes the column as being sweet, heady stuff.

Blanche Chosen Player of Week In Pony League

Amos Blanche, first sacker for the Giants, hit one single, a double, two triples and a homerun in seven times at bat last week, and was voted "player of the week" by the managers of the IWV Pony League.

Blanche, who is clipping along at a .715 average at the plate, scored four times and knocked in five runs.

Even with all that awesome power in the lineup, the Giants have been able to play only .500 ball, as they reside in second place in the league with a 4-4 record.

The Cardinals, undefeated in nine games, wrapped up the title in the league with three games yet remaining to play. The Mets sport a 2-6 slate and the Dodgers have won two games, while losing seven.

SUGAR AND SPICE, AND SOFTBALL—Linda Herbstreit, a participant in the Girls' Softball League, displays utilitarian yet feminine form on the diamond. Games in both the American and National Leagues will continue for girls until July 24. The girls play Monday through Thursday, alternating between Diamond 1 at Murray School and James Monroe School in Ridgecrest.

Varsity Softballers Win Twin Bill Over George AFB

After a two-week layoff, the NWC Varsity softball team extended its winning streak to eight games at the expense of the George Air Force Base Varsity team.

Utilizing the pitching of Burt Andraesen in the opener, and Billy Brown in the nightcap, the locals

prevailed 14-11 and 9-7, in a doubleheader last Saturday.

During the opening game, Andraesen was aided by a 10-run, sixth inning, that was highlighted by the hitting of Dave Taylor, who went 2 for 3 at the plate.

In the nightcap, the hometowners jumped to an early lead and then had to hang on, as George surged for four runs in the seventh stanza. Billy Brown went the distance, ably supported by Mike Stoner at the plate, and Dave Taylor again, who hit a double and a home run, while knocking in five runs.

The Varsity squad of Edwards AFB will return to China Lake tomorrow to play a double header at Reardon Field. Edwards defeated China Lake twice the last time the two teams met. Games are at 6 and 8 p.m.

Local Car Club Plans Autocross

The High Sierra Chapter of the Four-Cylinder Car Club of America will sponsor an autocross on Sunday.

The competition will begin at 1 p.m. in the parking lot of Michelson Laboratory. Trophies will be awarded in several sedan and sports car classes, as well as a special ladies' class.

In addition, dash plaques will be given to all entrants.

An entry fee of \$3 for non-members and \$2 for members, will be charged. Non-member couples must pay \$5, and member couples will only be charged \$3.

Practice will be held from 10-12 noon on the day of the competition.

Doc Walton three-hit the Bud Eyre contingent as Desert Motors edged them, 1-0. Buddy Deffes garnered two of the three hits for Bud Eyre.

Hideaway and Sierra View are now tied for the league lead with nine wins and two losses each, and NAF is breathing on their heels with a record of 7-3.

Instruction Offered

Members of the NWC Youth Center are in for a special bonus. Special instruction in billiards, ping pong, chess, bridge and most outdoor sports are being offered daily, from 1-5 p.m., by Youth Center personnel.

In addition, tournaments in these categories are being organized and trophies will be awarded to top finishers.

Dust Devils Romp

The Dust Devils romped 17-3 over the TJ Frisbees squad to maintain their lead in the Women's Softball League last week.

Kit Moors got 5 hits for 4 at-bats, including a home-run, for the winners.

In other action, JD's Wranglers edged the Zingbats, 7-6, to stay only one game off the pace. Earlier, the Zingbats took a pair of games to move into contention.

The Madres beat the Roadrunners, 18-7.

Sierra View Wins

Sierra View Motors and the Hideaway teams both won this past week, as the Fast Pitch Softball League moved past the half-way mark.

On June 20, Bert Galloway struck out 12 and pitched a four-hit shutout as the Sierra View nine downed Texas Instruments, 4-0.

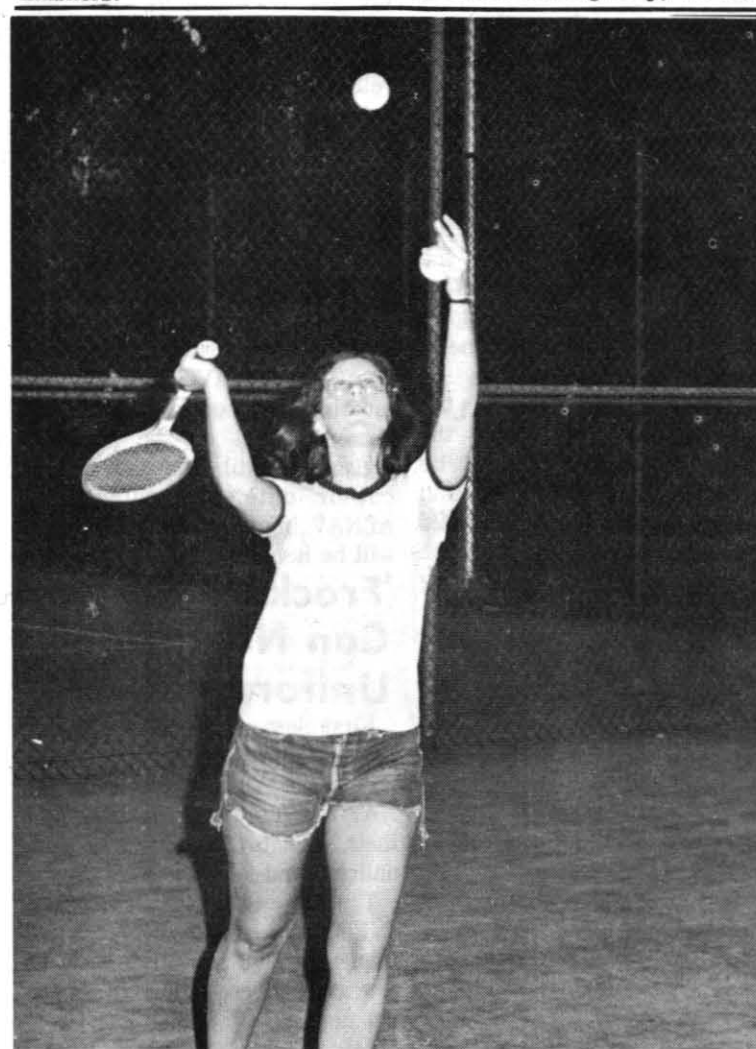
Bill Stuart backed Galloway with a home run.

In the nightcap, the Hideaway all but eliminated JD's from the title race, as they won, 3-2.

Thursday (June 21) saw the NAF softballers clobber the VX-5 Vampires, 13-0, as George Baland went 3-for-4, including a home run, and knocked in five runs for the winners.

The final game of the week saw

SERVES OF A SUMMER NIGHT—The Center tennis courts are now open until 11 p.m. to take advantage of the cooler evenings of summer. Kathy Rosellini is among the tennis players who use these later hours to perfect their game. —Photo by Leo Rickmers



Reorganization...

(Continued from Page 1)

Head, whose organization has been placed under one of the three directorates, has been delegated authority and responsibility for management of the technical programs within his department, and reports to the cognizant Deputy Technical Director on the results thereof.

The organizational elements identified as the Research Department, the Office of the Technical Officer, the Weapons Planning Group, and the Senior Technical Consultant, are essentially unchanged.

These elements are to be recognized not as mission areas in and by themselves, but rather as staff support to the three primary directorates, the Commander, and the Technical Director. As has previously been the case, the Technical Officer will report operationally to the Commander, and will serve as Senior Naval Advisor to the Technical Director.

Dr. Cartwright Chosen To Serve As Consultant

Dr. W. Frank Cartwright, formerly head of the AGILE Development Division in the Systems Development Department, has been selected by Dr. Walter B. LaBerge to serve as a senior technical consultant with Dr. H. A. Wilcox.

Dr. Cartwright's duties will include acting as chairman of the Discretionary Fund Review (DFR) committee, which reviews



Dr. W.F. Cartwright

Independent Exploratory Development (IED), Independent Research (IR), and Task Area Plans (TAPS) programs and monies.

The total money involved in the DFR is approximately \$8 million, with approximately \$2.5 million going for IED, \$2.5 million budgeted to IR, and \$3 million slated for TAPS.

The current decisions made by the committee will influence both the character and amounts of work being done at the Center for the next 5-10 years.

In addition, Dr. Cartwright will head up the Center's energy program, which is a forward-looking program for proving both the Center's and the Navy's energy resource and usage capabilities and efficiencies as the nation enters the "energy crunch" period.

Other members of the DFR Committee are Dr. Wilcox, Dr. Hugh Hunter, Dr. Henry Swift and Dr. Bob Rowntree.



SAFETY AWARDS LUNCHEON — Rear Admiral Paul E. Pugh, NWC Commander, was among the honored guests at Tuesday's Annual Safety Awards Luncheon, sponsored by the Indian Wells Valley Community Safety Council. Mickey Strang, a member of the Safety Council, smiles as RAdm. Pugh makes a wry comment about the importance of water safety in this desert community.

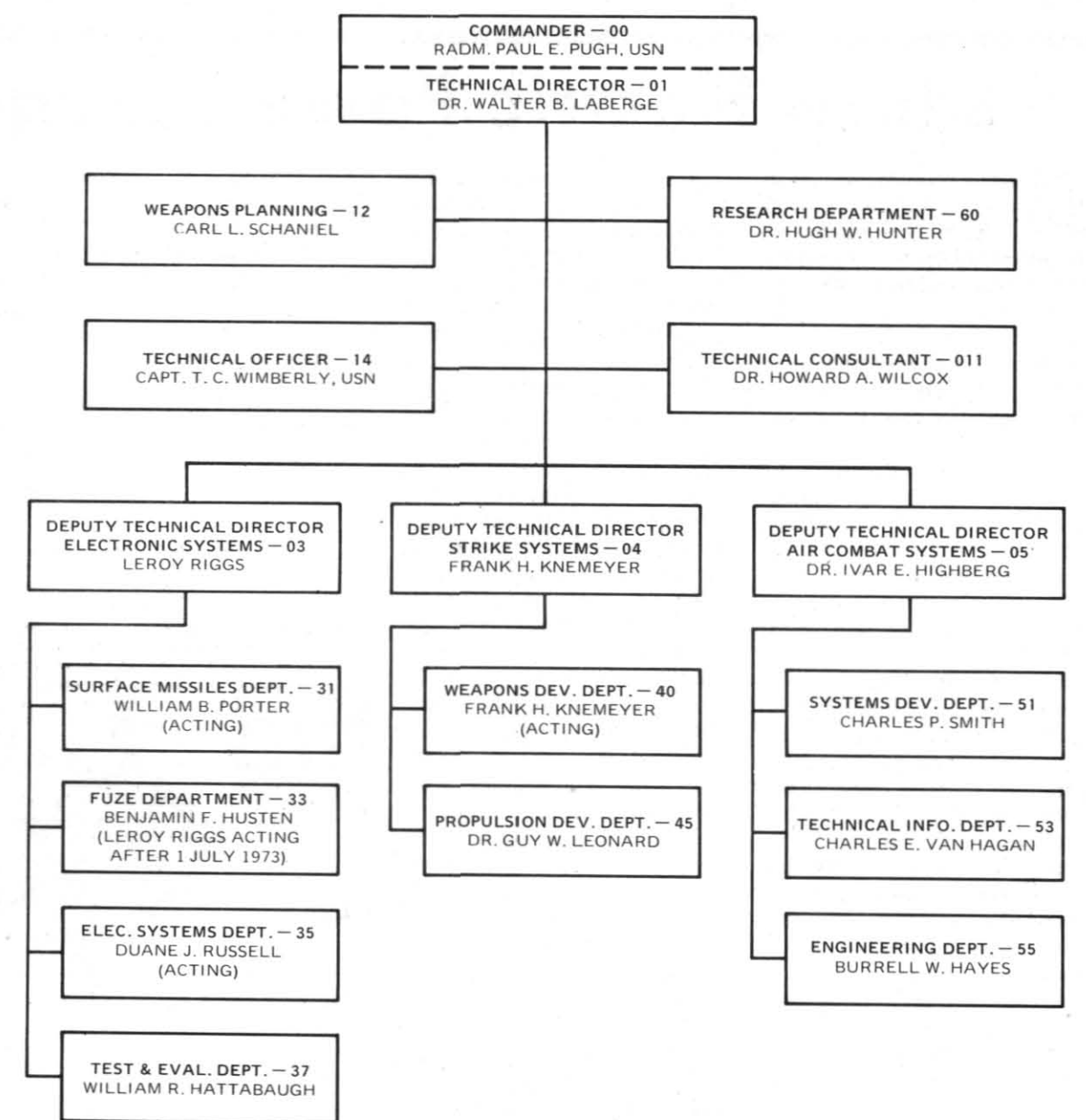
Record Sum Realized at Local Sale of Surplus Gov't Property

Sixty-two well-heeled bidders attended the auction of surplus government property held recently at the Community Center, sponsored by the Property Disposal Branch at the Naval Weapons Center.

In spite of the low attendance (the smallest number of bidders ever registered for an auction locally), the spirited bidding brought in a total sum of \$19,990, the highest amount ever realized at a NWC-sponsored auction.

The force of the explosion blew

NAVAL WEAPONS CENTER TECHNICAL ORGANIZATION



Safety Awards Presented

(Continued from Page 1)

helped all local boaters enjoy their time on the water with greater safety and security." The China Lake Boat Club also earned an award for "teaching the boat owner how to get back safely when the unexpected occurs."

Bicycle safety was also emphasized with this year's awards. Jim Weimholt, a "man who not only sees a need but exerts his own initiative to fill it," was cited for a continuing "involvement with implementing the establishment of safer bicycling facilities and practices throughout the whole Indian Wells Valley." The Indian Wells Valley Bicycle Club also received an award for its "contributions to the health and safety of all local cyclists," which, the award said, "ca. scarcely be measured; how can the accidents that don't happen be recorded?"

Anne Teppo, program chairman for the council, then presented an award to LCDr. Williams, whose concern for safety extends far beyond his work to establish

excellent flying safety records. His award stated, in part, "... As an outstanding program chairman for the IWV Community Safety Council and as its current chairman he has guided its work, has contributed greatly to its effectiveness as a viable organization concerned with the safety of all Indian Wells Valley residents."

Brief remarks by RAdm. Pugh and Mayor Smith emphasized those officials' concern with safety, and their support of the Safety Council. RAdm. Pugh expressed his intention to put into effect a simple, workable idea to increase bicycle visibility through use of day-glo pennants. "I am delighted to see the interest here on safety, and most delighted from the Center's aspect to back you up in your efforts," he concluded.

Mayor Smith expressed the City of Ridgecrest's support of the Safety Council and also shared with those present some projected plans to improve bicycle paths in the city.

Recent Explosion Points Out Dangers of Aerosol Containers

Recently an aerosol can stored on a bathroom shelf in housing on the Naval Weapons Center exploded. Luckily the tenants were out for the evening so there were no injuries.

The can apparently made at least one revolution as it traveled through the air spraying walls and furnishings. The explosion scattered bits of broken plastic from the shelves, can top, and bits of soap over the bathroom. The door was open and pieces of plastic and soap were blown a distance of 9 ft. into the hall from the place where the can was stored.

The can was examined by members of the NWC Research Department, who indicated that apparently the contents of the can had reacted with the metal of the container, which caused pressure to build up exceeding the strength of the can.

Parking Lot Not Meant As Street

The shortest distance between two points often leads to an accident when it means cutting through a parking lot. Personnel using the parking lot between 50 and 60 Blandy (near the intersection of Blandy Ave. and Knox Rd.) report numerous recent hazardous incidents involving cars cutting through the lot in an attempt to avoid traffic at the intersection.

Near collisions have resulted from vehicles cutting behind automobiles backing out of parking spaces. People walking to their cars also have reported that this traffic is a pedestrian hazard.

Signs indicating "No Throughfare" have been posted in the area and the police division is now patrolling to insure that only persons parking in the area are using it.

Bjorklund...

(Continued from Page 1) certainty and distrust of organization development efforts.

Also present at the dinner meeting as an honored guest was Elizabeth Beggs, the NAVAIR-SYSCOM Air 360, Command, Control and Guidance Administrator.

Gourmet Lunches Planned for 'Museum Mondays'

A talent for cooking that began as a hobby has become one of our community's valuable resources. Sue Byrd, well known locally for the many delectable luncheons and other social occasions she has catered, now turns her formidable cooking talent toward raising funds for the Maturango Museum.

Mrs. Byrd and Mrs. Patricia LaBerge, chairman of "Museum Mondays," are now planning elegant luncheons to be held Monday noons in the Sidewinder Room of the China Lake Community Center. The first "Museum Monday" is planned for July 16, with a second summer luncheon scheduled for Aug. 6. On Sept. 10, "Museum Mondays" will begin on a steady basis.

Not only will the luncheons raise needed funds for the Maturango Museum, but they will give the community at large an opportunity to discover the gastronomic talents

of Mrs. Byrd. A 10-year resident of Indian Wells Valley, Mrs. Byrd first began catering for festive occasions in 1968, when she was hospitality chairman for WACOM. "We didn't have a real chef at the Commissioned Officers' Mess that year," she explained. "The cooks were very nice but didn't know the first thing about what to serve for ladies' luncheons. I got friendly with them and they agreed to let me use the kitchen to prepare WACOM luncheons for 150 people. For our first luncheon I served Lobster Newburg in patty shells, grilled tomatoes, and asparagus in Hollandaise sauce."

Her real start as a cook came years before. "My grandmother entertained lavishly all the time I was growing up," she explained. "She thought nothing of whipping up a dinner for 50 people. I can remember helping out in the kitchen when I was very young."

Mrs. Byrd continued to cook for family and friends over the years. "We did a lot of entertaining when my husband was in the Navy, and my family has always enjoyed eating what I cooked." When the Byrd family came to China Lake, Harold Byrd was a naval officer. After a 6-year stint as NWC Legal Officer, Byrd retired as a Commander in 1966. He went back to school at the University of California, Northridge, and after a year as a student there, was offered a job as head of that university's Department of Judicial Affairs. From then on Byrd commuted between Northridge and China Lake while one by one the Byrd children went through local schools.

Every one of the six Byrd children graduated from Burroughs High School. The Byrd family was represented on the Burroughs football team for eight years running.

A lively interest in the art of cooking runs through the whole family. Katherine, 25, spent a year at the Cordon Bleu cooking school in Paris, France. She is now married and lives in Temple City, Calif. Bill, 24, is also married and owns a restaurant in Bakersfield. Jim, 22, and his new wife are presently also in Bakersfield.

Continuing the family involvement with food preparation and service, Bob, 21, a college student at Arcadia, is managing the snack bar at the Officers' Club this summer. Becky, 18, works at a Ridgecrest drive-through restaurant. She will attend college in Fullerton this fall.

The youngest member of the family is Nancy, 7. "My six children always ate just the way I cooked. Even our cat loves to eat," Mrs. Byrd smiled. "Now that most of them are grown, I've lost my best audience. I had to go into catering!"

Mrs. Byrd has been catering for about four years. She has also taught cooking classes, compiled cookbooks for WACOM (including her own "Memorable Menus"), coordinated the tearoom for the Wild-



AN EXACTING ART — A careful cook, Sue Byrd consults literally dozens of cookbooks before she prepares one of her elegant meals. Here she looks for "a refreshing summer menu" for the first Museum Monday. "It's difficult to find something appetizing in hot weather that appeals to both men and women," she says.

flower Show for the past seven or eight years, and served as chairman of the WACOM Christmas Bazaar for all three years of its existence. "I was vice president of WACOM and decided to do a Christmas bazaar to raise some money. It was supposed to be a one-shot deal but it was so successful we've been doing it ever since."

Now Mrs. Byrd plans to concentrate most of her energies on the Museum Mondays. "Pat LaBerge and I visited the Guild House in Bakersfield to get ideas," she said. "It's a wonderful idea. Funds from this volunteer effort go to support the Child Guidance Clinic in Bakersfield. They serve a little heavier luncheon than we are planning, but the general idea is the same. They took us all through the house and showed us exactly how they run things."

Ideas from this tour will be incorporated with plans Mrs. Byrd, Mrs. LaBerge, and others are now finalizing to make Museum Mondays a welcome new China Lake tradition.

areas, resulting in blackouts," Malone advised. Personnel involved in the VLR Program will be conducting more detailed studies on the current energy crisis in the future. In addition to Henderson and Malone, members are Thomas G. McKinney and James B. Eacret, of the Southern California Edison Co.; James H. McGlothlin, NWC's Public Affairs Officer; Cdr. James L. Uhe, the Assistant Public Works Officer; William Sorbo, head of the Engineering Division; Paul O. Erickson, head of the Facilities Analysis Group, and Gordon E. Hannon, also of the Facilities Analysis Group.



SAFETY SHOE PROVES WORTH — The fact that he was wearing safety shoes recently prevented a serious foot injury for Dennis Wegener, a warehouseman in the NWC Supply Department. Although his shoe was caught under a metal plate, which cut into it, Wegener escaped a possibly crippling injury because of the toe protectors inside his safety shoes.



SHE'S COOKING UP SOMETHING GOOD — Gourmet cook Sue Byrd will coordinate preparing and serving the elegant luncheons planned as fund-raising events by the Maturango Museum. Called "Museum Mondays," these luncheons will be held at the Sidewinder Room of the Community Center. The first luncheon is scheduled for July 16. —Photo by PHAN Jerry Sizemore

Ways To Reduce Electric Power Usage Cited

Within the next three years, the demand on the electric power generation equipment of the Southern California Edison Co.'s system will nearly equal the total capacity, and little reserve capacity will be left.

The generating capacities of power companies throughout the United States are rapidly being loaded up to near 100 per cent, creating an undesirable situation.

Furthermore, according to David C. Henderson, manager of the SCE Ridgecrest district office, it is very questionable whether new generation facilities under construction, or being planned, will be able to meet increases in power demands.

A program to reduce load must be instituted. Henderson stated that by 1974 such a program may be required; by 1975 it probably will be required, and by 1976, it will be a definite necessity, unless necessary approvals can be obtained for proposed additional generating capacity.

Henderson explained that there are three methods used to reduce load demand—automatic load shedding, manual load shedding, and voluntary load reduction.

Automatic load shedding occurs whenever the system frequency decreases. Blocks of load are

automatically dropped (such as an entire area) with no advance notice. Causes are generation equipment failure or transmission system fault clearing operations which overload portions of the system.

Manual load shedding is a method used when demand exceeds generation capacity. Blocks of 100 Megawatt are dropped for a one-hour duration, with the outages rotated through various blocks of load until the demand decreases. Notice of manual shedding is usually short.

The third method—voluntary load reduction—is the most desirable. Under this method, power companies initiate requests to customers to voluntarily shut down non-critical loads, usually for a one- or two-hour period.

The most probable hours for this method would be from the late afternoon to approximately 7 p.m. during the July to September period, and from mid-December through Jan. 1. Notice could vary from a few minutes to several hours.

Recently SCE asked large users of electric power to be in a position where they could shut down non-critical loads for short periods of time. A meeting concerning the Voluntary Load Reduction Pro-

gram (VLR) was held on April 30 and a tentative list of loads to be dropped under VLR was initiated.

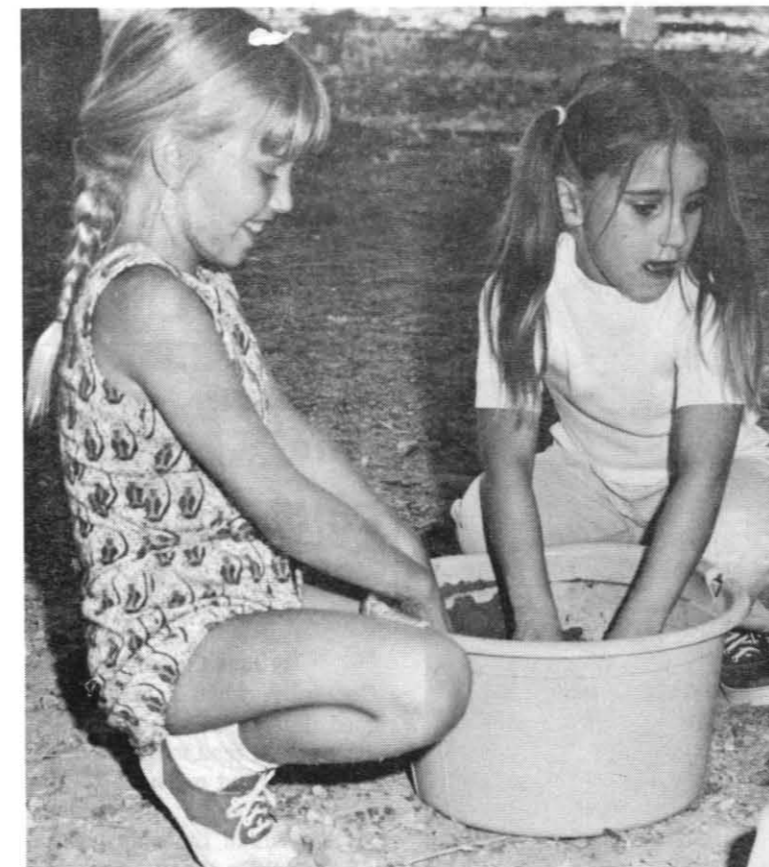
Henderson requested that the Naval Weapons Center provide a tentative figure on the amount of load that could be dropped under this program.

Henderson stated that a 20 per cent "spinning reserve" generation capacity is necessary to insure that electric power service is maintained. At the present time, only about 5 per cent of this spinning reserve is maintained by the local power company.

"In the event of generation equipment failure, service will be interrupted," he said.

It was pointed out that on the Eastern seaboard of the United States, power companies are employing the use of "brown outs." "This is undesirable here," said Richard D. Malone, head of the Public Works Department's Electric Branch, "since brown-outs often cause damage to electric motors," he explained.

A brown-out occurs when the voltage output is gradually decreased, reducing the load. "The local power company will try to initiate the voluntary load reduction program, but in the event that fails, then the company will arbitrarily turn off power to certain



COOK OUT AT SANDQUIST SPA — Young Junior Girl Scouts and Brownies recently performed a cook out at Sandquist Spa during the two-week Twilight Camp, an annual activity sponsored by the Joshua Tree Girl Scout Council. In the photos (clockwise, beginning above), Tracey Marsh and Carrie Dorgan, Junior Girl Scouts, are making sand candles by digging holes in a bucket of sand in which to place the wax. In the next photo, the girls are sitting down to a dinner which they cooked themselves. At right, Sandra Frageman is elevated by Peg Stratton so that she might put her meal pouch onto the coals. Others helping director Joanne Kearney are Elizabeth Lorch and Ruth Rosas, and financial aid is supplied from the chapters of Beta Sigma Phi Sorority, Xi Lambda Chi and Alpha Alpha Psi.

RAdm. Wittmann To Become Vice Commander of NAVAIRSYSCOM

Rear Admiral Narvin O. Wittmann will be the Vice Commander, Naval Air Systems Command, effective July 1. The present Vice Commander, RAdm. Daniel K. Weitzenfeld, a veteran of 34 years of Navy service, will retire at that time.

This was RAdm. Weitzenfeld's sixth tour in NAVAIRSYSCOM and its predecessor organizations, the Bureau of Aeronautics and the Bureau of Naval Weapons. A graduate of the United States Naval Academy and its post-graduate school, RAdm. Weitzenfeld received his Master's degree from the California Institute of Technology. He took over the position from which he now



RAdm. N. O. Wittmann

retires after a tour as Commanding Officer, Naval Air Systems Command Representative, Atlantic. He previously had served in Wittmann's present job, and also was the former director of the Naval Air Engineering Center, Philadelphia. He holds the National Defense Service Medal.

The new NAVAIR Vice Commander earned a Master's degree from the Massachusetts Institute of Technology. RAdm. Wittmann also attended the University of Nebraska, the Naval Academy Postgraduate School and the Industrial College of the Armed Forces. He has served four tours in NAVAIR and its predecessor bureaus, and is a former Force Material Officer with the staff, Commander, Naval Air Force, U.S. Pacific Fleet.

Astronomical Society Slates Apollo 15 Film

On Monday at 7:30 p.m. the China Lake Astronomical Society will hold its July meeting. The public is invited to attend this meeting, to be held at the clubhouse at 401-A McIntire Street. A 28-minute color film about the Apollo 15 mission, "In the Mountains of the Moon," will be shown.

The featured film shows the most sophisticated Apollo mission yet, with spectacular lunar scenery. During three days the astronauts used the new "lunar rover" for highly successful extra vehicular activity. In lunar orbit the command module used a really good mapping camera for the first time.

During the July meeting, members of the Astronomical Society will also show slides taken during the recent club field trip to the Owens Valley Radio Observatory at Big Pine. Also on the agenda is a discussion of club activities for July.



Plan To Alter Flight Pay System Proposed By DoD

The Department of Defense has sent to Congress proposed legislation which would, if passed, restructure the flight pay system for officers, and delay the scheduled May 31 cut-off date of flight pay for captains and above in non-operational flying billets.

The change in the flight pay system, proposed to take effect on Jan. 1, 1974, is intended to help retain aviation officer personnel completing their first obligated tours of duty. To accomplish this, the new plan would offer the highest rate of flight pay when an officer aviation crewmember goes over the six year point for time in aviation duty.

Flight pay would be based on the amount of time served in the aviation field. It would be unrelated to rank or total time in service. Aviation duty time would begin with the effective date of the initial order to perform flying duties (flight training), for those under two years. Flight pay would be \$100 per month.

The following sequence would apply thereafter: Over two years, \$125 per month; over three years, \$150; over four years \$165; and over six years, \$245 per month, where it would stay until the officer completes a total of 18 years active service as an officer.

Monthly flight pay would then drop \$20 every two years, reaching \$165 when over 24 years service. All flight pay would terminate when the officer has over 25 years total active service as an officer.

The sequence of flight pay rates would be effective for ensigns through captains. However, 0-7s

could receive no more than \$160 per month, and 0-8s no more than \$165. "Save Pay" provisions are included in the proposed legislation to help smooth the transition from the old to the new flight pay systems.

The proposed "Save Pay" would retain for 36 months the current rates for those who would be adversely affected by the new proposal. A proposal to delay the flight pay cut-off date for captains and above would amend the 1973 Department of Defense Appropriation Act to change that date from May 31 to Dec. 31 of this year.

The Chief of Naval Operations has issued NAVOP (91-73) indicating that Congress is not expected to act on the proposed legislation until after the May 31 cut-off date. Accordingly an ALNAV implementing the cut-off will be issued shortly.

'Frocked' Chiefs Can Now Defer Uniform Payment

First class petty officers entitled to wear the uniform of a chief petty officer under the provisions of NAVOP 63 may not have to dig into their pockets to pay for a new uniform and accessories.

The Navy Resale System Office (NRSO) in Brooklyn, N.Y., has requested all Navy Exchanges to provide a deferred payment plan to the new chiefs. Under this plan, chiefs being "frocked" may purchase their uniform at the Navy Exchange and pay for the goods after they receive their uniform allowance.

Applications To Enter Cerro Coso Now Available

Admissions applications for Cerro Coso Community College are now available for students desiring to apply for admittance to the forthcoming fall 1973 semester at the college.

Application forms may be obtained at the college office on the south end of the Burroughs High School Campus and at various other locations throughout the community.

All potential Cerro Coso students must complete an application for admission once during each year of attendance at the college. At other times only a shortened form will be required to maintain accurate and current records for each student.

Most students will also be required to request that official transcripts of their high school and previous college work be submitted to the Admissions and Records Office prior to registering for classes. Students exempted from this requirement are those already holding an associate degree or higher, or those who are only planning to enroll in non-credit Adult Education courses.

It is recommended that all full-time students and students entering college for the first time have a physical examination by their family physician and the results placed on file with the college. This is especially important for students whose physical condition may prohibit them from participating in physically strenuous college activities.

As a public community college, Cerro Coso does not charge tuition or registration fees. However, each student must pay for his own textbooks and school supplies, and is expected to support the college student life programs and services through the purchase of a student body card. This card carries with it membership in the Associated Students and certain privileges, both on-campus and in the community, not available to other students.

Money collected from the sale of student body cards provides funds necessary for the operation of critical student services, such as the college bookstore and food services.