

Cast of 'Company' Includes Veterans, Fresh, New Talent

Stacy MacGregor has been selected for the leading role of Robert in the Community Light Opera and Theater Association's forthcoming production of "Company," it was announced recently by the musical comedy's director, Florence Green.

"I'm tremendously pleased to have Stacy working with us and with the entire cast," commented Mrs. Green. "We've got an exciting combination of seasoned performers and fresh new faces and the promise of an exceptionally fine show."

Elena Vitale and Alex Bellen will appear as a competitive couple, Sarah and Harry, who have been known to use judo to ease marital tensions.

Susan and Peter, however, find that divorce is the only way to guarantee wedded bliss. Nancy Miller and Loren Dorrell will be seen as that happy couple.

Yvonne Beyer and Rick Menz will play the roles of Jenny and David, a couple who enjoy an occasional bit of excitement in their lives.

Amy, the nervous bride, and Paul, her understanding fiancé, will be played by Claudia Olson and Mike Walker.

Suzanne Koerschner and Robbie Robbins will appear as generous Joanne and her ever-loving husband, Larry.

Rounding out the cast will be Linda Webb, Dori Morrione and Marjorie Freis as Robert's girl friends.

"Company" will open on Aug. 9 at the Burroughs Lecture Center, with subsequent performances on Aug. 10, 15, 16, and 17.

Catbird...

(Continued from Page 6)

trophies on Sunday. Good crowds were evident at nearly every game. More than 600 attended the championship game, and the stands were packed each time the China Lake entry took to the field.

Overall attendance averaged at somewhere between 300 and 400 per game. The playing fields, including the new one at Schoeffel Field, were lauded by the visitors as "... the finest to be found anywhere." Jimmy Lee and his overworked crew were responsible for that. And that's only the beginning.

On Aug. 26, 27 and 28, NWC will host the second annual China Lake Invitational Softball Tournament. A total of 16 teams will converge on the garden spot of the High Desert to compete in a double-elimination, fast-pitch, Class AA whingding.

Better come early for the games. Seats are getting rare.

Scheduled to compete here are such outstanding softball teams as Bob's Cafe and the Go-Van Storage, both from Bakersfield; the Union Carbide team from Bishop; the Oildale Merchants; Mel's Pharmacy, from Lancaster; and Bob and Joe's, from Hawthorne, Nev.

Also coming here to play are the following teams: Martin's Shop, from Palmdale; Finance and Thrift, from Porterville; Turner Carne, from Bakersfield; the Starlifters, from Norton AFB; Custom Bubi, Lancaster; Maxdon's, Lancaster; the varsity team from Edwards AFB, and the varsity team from the Los Angeles Air Force Base.

Also entered, of course, are our two local teams — the all-Navy varsity team, led by Jim Brown, and the Hideaway nine, winners of the fast-pitch Intramural title this year, which is made up nearly 100 per cent of the ball players who captured the MDISL title this past weekend.

Aetna Agent To Visit

Jim Neffew, Aetna Insurance Co. representative, will be at the Training Center, Rm. 201, next Thursday, July 25.

Participants in Federal Employees Benefits Program may consult with Neffew from 9 a.m. to 1 p.m.



"DON'T LET WILL SEE YOU" — Says Gay Gandolfo, in the role of Elma Duckworth, in this scene from "Bus Stop." The William Inge play will be produced by the China Lake Players on Aug. 2, 3, 9, 10, 16 and 17 at the Players' Hut, 405 McIntire St., on the Center. John Chatfield, who will be seen as Dr. Lyman, is hiding his bottle from the sheriff, who will be played by Glenn Voros. The show is directed by William Davis, assisted by Rosalie Barber. Others in the cast are Phil Quinton, Sheila Snell, Linda Minchew, J. C. Clark and Dale Shahan. Admission will be by reservation only due to the limited seating of the hut. The number to call is 446-2273, or 375-4687.

—Photo by Ron Allen

HAPPENINGS AROUND NWC

Swashbuckling characters will be the main interest in "The Swordsmen of Siena," starring Stewart Granger and Christine Kaufman, the Youth Center matinee fare for next Tuesday.

The film will be shown at 1 p.m. in the Center Theater. There will be no charge for those persons who are annual members of the Youth Center. All others must pay 30 cents.

On Thursday, July 25, Butch Jenkins and Peter Lawford will star in "My Brother Talks to Horses." The film is a whimsical bit of nonsense about a young boy who has developed a communication system between himself and the horses who run at the race track.

Bash Set at Chaparral Club

The Chaparral Club will feature a special prime rib dinner tonight for \$3.75. Walt Schimke, manager of the club, has invited all members and their guests to come for the dinner hour (6 to 9 p.m.) and stay for a dance that will start at 9:30.

The Good Time Music Co., led by Ronnie Thompson and featuring Patti Thompson, as vocalist, will play until 2 a.m.

Record Hop at Jolly Roger

Thomas Pepper will host a record hop at the Jolly Roger tonight, beginning at 9 o'clock. Schimke invites all members of the Enlisted Men's Club to attend for an evening of fun and entertainment.

CLMAS Assessment Due

Assessments are now due from members of the China Lake Mutual Aid Society and the Government Employees Benefit Association following the death this past Sunday of Eugene Bushnell.

Bushnell, 61, is a former NWC employee who retired from Code 5545. He resided in the local area for some time before moving just recently to Missouri, where he died.

Luau Set July 27 at COM

Members of the Commissioned Officers' Mess are reminded that reservations must be made for the annual Luau, set for Saturday, July 27.

Cost of the evening is \$8 per person. The menu will include roast pig, barbecued spare ribs, Hawaiian chicken, sweet and sour pork, and beef Shoyu. In addition, many different types of Islander salads and fruit will be served buffet style.

Persons who wish to make reservations for this event should call 446-2549, or NWC Ext. 3105.

Dance Tonight

The Golden State Music Company will

play for a dance at the COM tonight, beginning at 9 o'clock. Manager Drake Dierkhising has invited all members and their guests to come early and sample the deep fried shrimp stuffed with crabmeat that will be the Friday night specialty prior to the dance.

Report Writing Class

Applications are now being taken for a course in fundamental report writing that will be held at the Training Center, Aug. 19-22, between the hours of 7:45 and 11:30 a.m. The instructors will be Grady Cherry, instructor of English at Texas A&M University, and Bob Douglas, head of the Reports Branch in the Technical Information Department.

Employees interested in attending this course should submit an NWC enrollment form via proper channels in order for it to reach Code 654 no later than Aug. 9.

Placement Tests At Cerro Coso College Scheduled July 26

Placement tests, which are a prerequisite for all students who plan to enroll for the first time in classes that will be offered at Cerro Coso Community College or Bakersfield College, will be given next Friday, July 26.

Locally, prospective students can take the exams in the Student Center at Cerro Coso College.

The testing schedule will begin at 8:30 a.m. with the college aptitude test, followed at 9:15 a.m. by the English placement exam. There will then be a short break prior to the math exam that will be offered at 10:45 a.m.

The exams are required to provide a measure of achievement and ability in English, general college aptitude and mathematics. The results are used by college counselors to assist in enrollment. The results will not be used to deny any student permission to enroll at either Cerro Coso or Bakersfield College.

Students planning to take the placement exams can make reservations to do so by contacting their high school counselor or the Cerro Coso Counseling Center, phone 375-5001.

All potential full-time students, and others planning to begin or continue working toward specific educational objectives at Cerro Coso, should arrange for an appointment with a counseling staff member during the period from Aug. 13-30.

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.

19 July

"CANCEL MY RESERVATION" (100 Min.)

Bob Hope, Eva Marie Saint

(Comedy) Dan Barlett (Bob Hope) is a TV personality who comes to his ranch in Phoenix from New York to get away from his wife Sheila (Eva Marie Saint) with whom he is having marital problems. Upon his arrival, he is accused of murdering a local beauty—an Indian. The sheriff and his deputy keep after Dan, trying to pin the rap on him. After some harassment, Dan returns to his ranch to find a sleeping nude, Crazy Hollister, in his bed. She is the step-daughter of the local baron John Ed and when she fights with him, she sleeps at Dan's usually vacant ranch. Crazy is about to move her clothes out when Sheila, after learning of Dan's problems, arrives to help. The trio decide to try to find out who framed Dan. (G)

SAT.

20 July

—FAMILY MATINEE—

"THE BRASS BOTTLE" (90 Min.)

Tony Randall, Burl Ives

—EVENING—

"BLACULA" (93 Min.)

William Marshall, Vonetta McGee (Horror) "Blacula" is an African prince who made the mistake, back in 1815, of asking Dracula to sign a petition abolishing slavery, and he was turned into a vampire for his trouble. Today he roams Watts and Los Angeles, transforming a good percentage of the black population into blood suckers like himself. (PG)

SUN.-MON.

21-22 July

"CRAZY JOE" (101 Min.)

Peter Boyle, Fred Williamson,

Rip Torn, Luther Adler

(Action Drama) After aspiring hoods Peter Boyle, Rip Torn and associates complete a "contract" for the Don (Luther Adler), they are infuriated upon receiving only \$400 for their services. Boyle's men attack the Don's house, beat his soldiers and kidnap his family. A furious Adler cracks down on them, resulting in Torn's near death and Boyle's imprisonment. After 8 years in prison, Boyle is released to find Cioffi at the head of his "family." Boyle and ex-prison buddy Fred Williamson start to muscle in on Cioffi. (R)

TUES.-WED.

23-24 July

"THE DAY OF THE DOLPHIN" (105 Min.)

George C. Scott, Trish Van Devere

(Adventure Drama) A story of interspecies communication based on actual scientific research, "The Day of the Dolphin" concerns itself with the possibility that there are other animals on earth as intelligent as man. (PG)

THURS.-FRI.

25-26 July

"SNOOPY COME HOME" (89 Min.)

Animated Cartoon

(Cartoon) Snoopy, the beagle who has the refinement of Beau Brummel, the imagination of Cyrano de Bergerac, the intellectual grace of Voltaire and the mobility of a Mack truck is concerned with previous owner, a little girl who is in the hospital for some undefined reason and who wants Snoopy back. She gets him, along with Woodstock, the little bird who is Snoopy's private secretary, but whose main accomplishment is the head-on collision he effects with any obstacle in sight. (G)

SAFETY SEZ:

To become a spineless idiot, don't think.

From

PLACE
STAMP
HERE

TO

Chief of Navy Chaplains Due At NWC Today

Rear Admiral Francis L. Garrett, Chief of Chaplains for the U.S. Navy, will arrive this afternoon to spend the weekend at NWC.

An informal reception will be held in his honor in the East Wing of the All Faith Chapel from 6 to 7:45 tonight. On Sunday morning, Chaplain Garrett will preach at the 10:15 Protestant service and also at the 11:30 Catholic Mass.

Chaplain Garrett became the 13th Chief of Navy Chaplains in July 1970. In January of

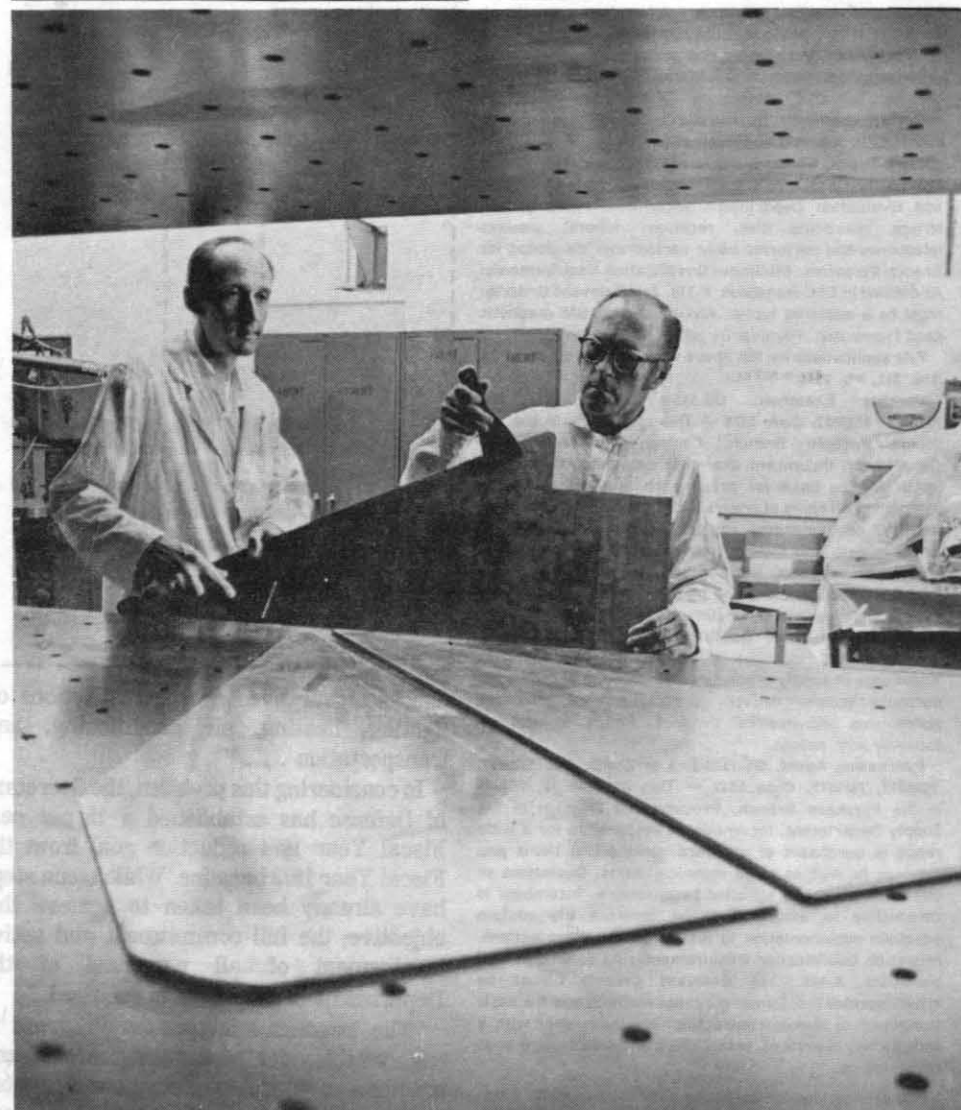


RAdm. F. L. Garrett,
Chief of Chaplains

this year, he was appointed chairman of the Armed Forces Chaplains Board.

A minister of the United Methodist Church, he was ordained at Washington, D.C., in February 1944 and in the following month was commissioned in the Navy. He has been on active duty ever since.

Chaplain Garrett has had a distinguished career. His assignments have included duty as Senior Chaplain of the Service School Command at the Naval Training Center, Great Lakes, Ill., and on the staff of the Chief of Chaplains as head of the training branch. During his four years in that duty, he developed the Professional Seminar and Executive Development Seminar programs within the Chaplain Corps.



CLEAN UP WORK — Fred Santangelo (r.) and John Heumann are shown cleaning wing panels of a Walleye missile that were manufactured in the 750 ton hydraulic press at the Plastics Fabrication Facility. The plant has two other presses, a 125 ton, and a 50 ton capacity.



nwc rocketeer

Naval Weapons Center
China Lake
California

July 19, 1974

Vol. XXIX, No. 28

Plastics Fabrication Facility Now Being Run by Propulsion Development Dept.

An all-around plastics fabrication facility, with the complete capability of fabricating prototype hardware in the areas of primary and secondary structural parts for missile and aircraft frames, ground and flight radar systems, ground transportation systems (such as rapid transit), and various piping systems, is in operation at the Propulsion Development Department's headquarters area.

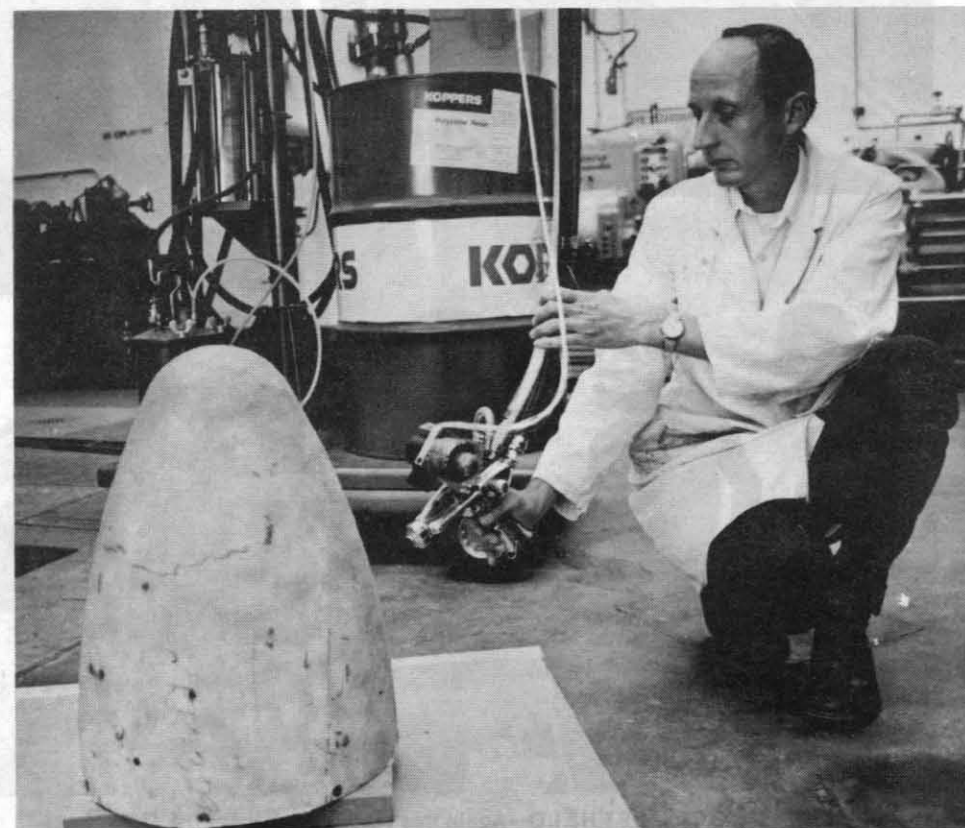
This new facility is capable of fabricating wing, fuselage, spoiler, horizontal stabilizer, fin, and tail type panels. In addition, radomes, reflectors, antennas shrouds, epoxy tooling forms, plaster tooling forms, structural metallic-composite panels, lightweight piping and duct systems, and electronic module boxes can be fabricated.

The facility concerns itself with the following general work areas: structural materials (including structural plastics, structural aluminum and magnesium alloys), adhesives, coatings, casting compounds and elastomers.

John Heumann in Charge

Headed by John E. Heumann, a materials engineer, the facility employs workers on a job-to-job basis from various departments on the Center. The usual type of employee found at the facility falls in the plastic molder, or hand lay-up category.

Major systems in the facility are three hydraulic presses — 720 ton, 125 ton and a 50 ton — for compression molding of various plastic parts using matched metal dies; a spray-up system for spraying chopped glass / polyester resin, and the capability to mold rubber boots and various elastomeric



READY ON THE FIRING LINE — John E. Heumann, a materials engineer who heads up the Plastics Fabrication Facility for the Propulsion Development Department, prepares to spray chopped fiberglass onto a radar cone. This is only one of the many kinds of non-metallic work performed at the facility.

parts using match metal dies or vacuum bagging.

In addition to the making of prototypes, the facility can also produce quantities of up to 50 samples of any one part. Facilities also exist for materials testing and basic research in the general area of non-metallics.

The materials processed in this facility are mostly composites which consist of a combination of a reinforcement with an organic binder (resin). The reinforcements are fiberglass, graphite, carbon, asbestos, and paper. The resins are epoxy and epoxy-

novalac, phenolic, polyester and silicone.

Some of the additional structural materials that may be used in the facility are honeycomb, both metallic and non-metallic; foams that are syntactic and chemically blown; high strength aluminum alloys, and high strength magnesium alloys.

Four different basic types of fabrication processes are available. They are match metal die molding; vacuum bag molding, using metallic or non-metallic tooling; molding without external pressure using

(Continued on Page 3)

\$864,000 in Contracts For Maintenance, Service Awarded

A series of year-end contracts, plus others for year-round maintenance service, have been awarded for work at the Naval Weapons Center, LTJg. D. W. Morris, head of the Public Works Department's Contract Division, reported this week.

Most costly of the 10 different contracts, which total \$864,000, was the one awarded to the B & E Electric Co. of Sacramento for repair of the Naval Air Facility's runway lighting system. Runway lighting cables are to be replaced and lighting fixtures upgraded at a cost of \$367,000.

Another contract, this one for painting the exterior of homes in the Capehart A and B housing areas, was awarded to the C&C Painting Co. of Northridge. The work, which will cost \$166,000, is scheduled for completion by Jan. 27, 1975.

Work is currently under way, under a contract awarded to the Yucca Construction Co. of Lancaster, for replacing gas and water service lines in the Normac housing area. The installation of new polyethylene gas mains and new plastic gas and service lines is due for completion by Aug. 26 at a cost of \$84,700.

Employees of the Mobil Paving and Land Clearing Co. of Artesia will begin work Aug.

1 on tearing down the remaining old Hawthorne units. The contractor is planning to dismantle the old homes in an effort to salvage as much of the lumber as possible — instead of just bulldozing them down and hauling away the debris. Amount of the contract for this work is \$43,800.

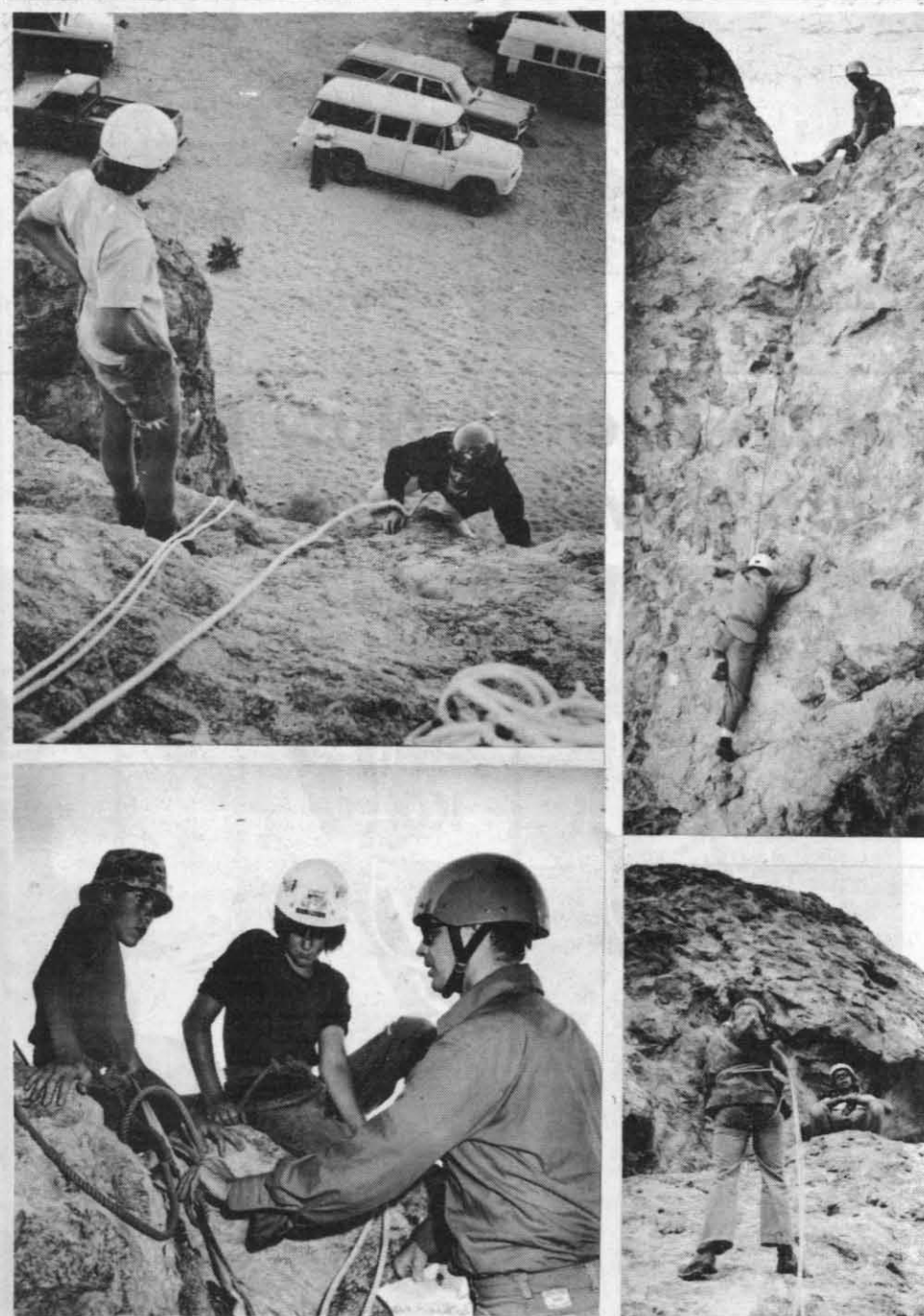
Two other contracts, part of the Public Works Department's annual maintenance plan, were awarded to the Mantikas Painting Co. of Los Angeles (\$77,100) and to

(Continued on Page 3)

NWC Congratulated For Environmental Award

A message of congratulations was received this past week by the Naval Weapons Center from the NavShip Research and Development Center in Washington, D.C.

The congratulatory message followed an announcement that the Center has been singled out to receive the Secretary of the Navy's 1974 Environmental Protection Award for the most significant environmental protection activity conducted by a research and development activity during the year.



ROCK CLIMBING CLASSES HELD—Again this year, members of the China Lake Mountain Rescue Group are providing instruction in rock climbing to a group of some 45 students. The field work at Robber's Roost was preceded by several classroom sessions on general mountaineering that took place at the Community Center. In photo at top left, Peter Woodman, an instructor from the CLMRG, observes as one of the students, Jack O'Guinn climbs up the rock wall with the help of a rope that is secured from above by another climber. In lower left photo, Terry Moore, another instructor, shows two young members of the class how to tie a rope into an anchor. Two CLMRG members, Al Green (above) and Westbrook, demonstrate free climbing on rocks (in upper right photo), with a rope handy for safety purposes in case of a slip, while in the lower right picture, one of the students practices descending a rock face by means of a body rappel.

The Rocketeer

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China Lake, California

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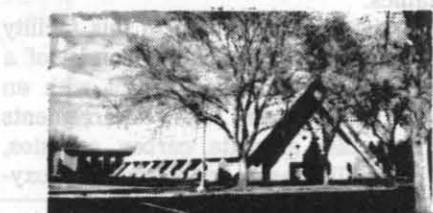
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Tuesday, 11:30 a.m.

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DIVINE SERVICES

PROTESTANT 1015
Sunday Worship Service 0900
Sunday School — All Ages 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 1700 fulfills Sunday obligation
Saturday 0700 0830 1130
Sunday

BLESSED SACRAMENT CHAPEL
MASS 1135
Daily except Saturday 1135 1635
First Friday only 1545 to 1645
Saturday 0800 to 0825
Sunday
CONFESIONS
Saturday 1545 to 1645
Sunday 0800 to 0825
CCD CLASSES
Sunday Kindergarten thru 8th 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 — (Sept. - May.)
Sabbath Services 2000
Saturday Sabbath School 0900
UNITARIANS
CHAPEL ANNEX 95
Services — (Sept.-May.) 1930

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 652, Ext. 2069. Ads will run for one week and will close at 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ad. Employees whose work history has not been brought up to date within the last six months are encouraged to file a Form 171 or 172 in their personnel jacket. Information concerning the Merit Promotion Program and the evaluation methods used in these promotional opportunities may be obtained from your Personnel Management Advisor (Code 658 or 657). Advertising positions in the Promotional Opportunities column does not preclude the use of alternate recruiting sources in filling these positions. As part of the rating process, a supervisory appraisal will be sent to the current supervisor and the most recent previous supervisor of those applicants rated as basically qualified. The Naval Weapons Center is an equal opportunity employer and selection shall be made without discrimination for any nonmerit reason.

Automotive Equipment Serviceman, WG-5804-05, JD No. 142-3 (3 Vac.), Code 70763 — Performs semi-skilled work in connection with the routine maintenance and servicing of automotive equipment. Servicing with fuel, oil, water, air and anti-freeze; changing and repairing tires and tubes; servicing and changing batteries; checking brakes, fan belts, steam cleaning and miscellaneous duties. Minimum Qualification Requirements: As outlined in X-118C. Job Relevant Criteria: Must be able to pass appropriate drivers tests.

Pneumatic Tools Operator, WG-5735-04, JD No. 319, Code 70415 — Operates various pneumatic tools to break up or drill hard surfaces, such as concrete, asphalt and masonry. Minimum Qualification Requirements: Rating will be on the basis of the appropriate J-Elements Standard in accordance with the CSC Handbook X-118C.

File applications for the above with Dora Childers, Code 657, Rm. 216, Ph. 2322.
Editorial Clerk (Typing), GS-1087-5 or Editorial Assistant, GS-1087-4, PD No. 7012009, Code 5312 — Provides editorial assistance in the field service unit of Code 5312 located in the Weapons Planning Group, Code 12. Will do copyediting and proofreading, layout and composition of technical reports for publication. Responsible for assuring that the overall report is checked for completeness and reviewed prior to final approval. Minimum Qualification Requirements: As stated in X-118. Job Relevant Criteria: Familiarity with preparation of manuscripts in camera-ready form. Familiar with security classifications, distribution, processing, scheduling and distribution, processing, scheduling and contact services as they pertain to publications. Must be accurate typist.

Machinist, WG-3414-16, JD No. 373, Code 3723 — This position is located in the Engineering Section, Track Branch of the Test and Evaluation Department. Incumbent machines, fits, assembles, installs, tests and modifies complete structural and mechanical prototypes of track test vehicles, camera components, electrical and electronic components and ordnance test items. Performs own layout, gaging and inspection work. Maintains, improves and repairs track facilities and equipment. Minimum Qualification Requirements: As outlined in CSC Handbook X-118C.

Electronics Engineer, GS-855-12 or 13, PD No. 74501, Code 5114 — This position is in the Advanced Systems Branch and is for a systems engineer to work on Advanced RF Technology for Missile Guidance. The incumbent will analyze several missile guidance systems, select one for design and conduct tests to determine operational characteristics. Various subsystems such as signal microprocessor and passive and active trackers will also be investigated. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: Experience in missile guidance systems or subsystems analysis and evaluation.

Clerk-Typist, GS-322-4, PD No. 745052, Code 3735 — This position is located in the Telemetry Branch of the Test and Evaluation Department. Incumbent types official letters, maintains files, receives visitors, answers telephones and performs other various clerical duties for Branch Personnel. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: Must be a qualified typist. Ability to use IBM magnetic card typewriter. Familiar with NWC organization.

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

Voucher Examiner, GS-540-4 or 5, PD No. 7325021 / 7325022, Code 2575 — This position is in the Accounts Payable Branch, Control Division, Supply Department. Incumbent examines supporting documents which are the basis for preparation and processing for payment of all types of orders including vouchers. Insures legality, completeness, correct appropriation and accounting data and makes verification of receipt and incurs on vouchers. Initiates correspondence to various DOD activities, vendors and plant representatives. Deals with a wide variety of documents, vendors and Center personnel. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: Knowledge of supply procedures. Knowledge of contracts, purchase orders, delivery orders, blanket purchase agreements and dealers' invoices. Ability to deal effectively with people.

Purchasing Agent, GS-1105-5 / 6 or 7, PD No. 7025011, 7025012, 7025017, Code 3252 — This position is located in the Purchase Branch, Procurement Division of the Supply Department. Incumbent is responsible for a wide range of purchases of standard commercial items and services as well as some technical items. Quotations or offers are generally solicited by telephone. Incumbent is responsible to assure that the contract file contain adequate documentation to justify his purchase actions. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: Must be knowledgeable in all small purchase methods and the basic techniques of formal contracting. Ability to deal with a wide variety of persons, establishing and maintaining good relationships.

File applications for the above with Claire Lewis, Bldg. 34, Rm. 212, Ph. 2371.

Communications Clerk, GS-394-3a, PD No. 735009, Code 8544 — This position is located in the Communication and Electronics Maintenance Division, Code 854, of the Command Administration Department. Incumbent reviews

requests from the departments on the Center for telephone changes and recommends the systems which will provide the best service; reviews Center long distance charge bills. Collects and compiles data for various reports used locally and reports submitted to the 11th Naval District and other Naval Commands. Maintains records of connects, disconnects, and changes. Answers trouble calls and forwards to Public Works Department for action, operates a PABX (Private Automatic Branch Exchange Switchboard), and miscellaneous duties as required. Job Relevant Criteria: Ability to communicate effectively (verbally and in writing). Knowledge of telephone terminology, equipment and procedures, ability to operate a PABX switchboard, ability to work independently and ability to type (this position does not require the proficiency of a fully qualified typist).

File applications for the above with Tina Lowe, Ph. 2723, Bldg. 34, Rm. 204.

Electronics Technician, GS-856-7 / 8 or 9, PD No. 7345048, 2 vacancies, Code 631 — This position is located in the Ballistics Test Branch, Quality Assurance Division of the Propulsion Development Department. The position is in support of testing rocket missile systems and explosive warheads. Scope of the work includes set-up, operating and maintaining control and electronic instrumentation systems required to obtain and record ballistics data. Fabricates necessary electronic/electrical conditioning systems as required. Must be familiar with tape recorders, oscillographs, conditioning equipment, transducers and associated electronic test equipment. Job Relevant Criteria: Applicants must have a knowledge of fire control systems and hard line data instrumentation techniques used with electro-mechanical transducers, pulse X-ray, and photographic acquisition. Incumbent will perform field set-ups as well as control room duties. Minimum Qualification Requirements: Appropriate education and experience as specified in CSC Handbook X-118.

Ordnanceman (AP&E), WG-4502-9, JD 247-2 or Test Mechanic (EOE), WG-4465-11, JD No. 510, Code 4569 — Duties include assembly and disassembly of experimental ordnance items such as bomb fuses, warheads and other components; altering or modifying similar units and various arming and firing devices; reporting of test results and fabrication of fixtures to be used for tests. Minimum Qualification Requirements: As specified in CSC Handbook X-118C. Job Relevant Criteria: Practical knowledge of a wide variety of explosives. Ability to work and ex-

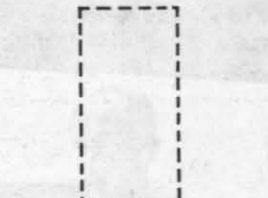
(Continued on Page 7)

SecNav Notice Sets Energy Usage Goal

A SECNAV Notice (5305) was received which said, in part: "... the Nation is faced with a serious energy problem. The impending energy crisis is being felt in all

Clip along dotted line
and place over
light switch.

LAST OUT,
LIGHTS OUT.



Don't be
fuelish.

phases of our lives by the restrictions on lighting, heating, air conditioning, and transportation. . . .

In considering this problem, the Secretary of Defense has established a 15 per cent Fiscal Year 1974 reduction goal from the Fiscal Year 1973 baseline. While some steps have already been taken to achieve this objective, the full commitment and active involvement of all personnel of the Department of the Navy is required.

"The Beneficial Suggestion Program is one vehicle, for submitting ideas and practical methods on energy conservation, which could help us achieve that 15 per cent goal. If you have some good suggestion—try it," Ltjg. L. S. Murphy, Conservation Officer, recommends.



LET'S HEAR IT! — Sgt. Richard Cox, of the China Lake Police Division, is surrounded by a happy group of youthful visitors during the Open House held by the force at the Center Theater last week. On the table is a display of various types of weapons and Cox has just asked the sightseers a question. They all seem to know the answer. In the hands of the two on the right is a set of fingerprints that were taken during the demonstration of police equipment, gear and practices that were displayed to increase the public's knowledge of police procedures. The affair was attended by hundreds of China Lakers during the two-days that it was open.

PROMOTIONAL OPPORTUNITIES

(Continued from Page 2)

periment with new devices or designs. Knowledge of machine operations. File applications for the above with Mary Morrison, Code 657, Rm. 216, Ph. 2393.

Electronics Technician, GS-856-11, PD No. 7435112, Code 3544 — Located in the EW Analysis Branch of the Electronic Warfare Division, the incumbent will analyze the performance of existing and proposed electronic warfare systems and components through validation of the theoretical model against real life data. Incumbent will test and evaluate the subsystems he has constructed and packaged. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: Experience in military radar/ECA and EECAN systems. Ability to perform analysis of EW weapons systems and components.

Administrative Management Intern, GS-301-5 or 7, PD No. 7465021, 2 Vacancies, Code 652 — This position is that of a Management Intern in the Naval Weapons Center's Management Intern Program. Incumbent of this position will enter an intensive training assignment of approximately six months duration designed to acquaint the incumbent with and provide practical experience in the various administrative / staff functions performed at the Center. At the completion of the training assignment, incumbent will be permanently assigned to one of the various staff functions at the Center. Those candidates certified as "best" qualified will undergo oral interviews before representatives of the Center's Administrative Development Committee. Minimum Qualification Requirements: IAW CSC Handbook X-118 Job Relevant Criteria: (1) Bachelors degree or above with emphasis in Public Administration / Business Administration, or the Social Sciences; (2) score attained on the FSEE or CSC Test 700, Parts A&B (the in-service version of the FSEE); (3) effectiveness in personal work relationships with a variety of organizational levels of responsibility; and (4) ability to express self orally and in writing. Advancement Potential: GS-12.

Supervisory Visual Information Specialist, Supervisory Illustrator, or Supervisory Editor, GS-11 or 12, PD No. 7435113, Code 3512 — This position is head of the Systems Information Branch, Systems Department. Incumbent prepares and processes illustrative and editorial information on the technical programs of the departments by preparing vignette and slide presentations, large-scale display illustrations and art and editorial material for technical reports. Incumbent supervises a workforce of illustrators, editors and visual information specialists. He establishes priorities and work schedules. Coordinates all contractor documentation and illustration work performed for the department. Is consultant to the department on all matters pertaining to the illustrative and editorial processing of technical information. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: Knowledge of art materials and art media, reproduction equipment, printing, proofing, exhibiting and production techniques. Knowledge of editorial processing and printing. Familiarity with technical report format. Supervisory experience in work planning and scheduling.

Clerk-Typist, GS-322-4, PD No. 7218002, Code 181 — This position is located in the Operations Department, Naval Air Facility. The incumbent performs the following duties for the department: provides clerical support to the Operations Department Staff through the processing, maintenance and evaluation of raw data and records; answering the telephone, researching, assembling and providing information as requested. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: (1) Reliability and dependability; (2) ability to meet deadlines under pressure; (3) ability to work rapidly and accurately; (4) telephone answering skills; (5) ability to type efficiently and accurately.

File applications for the above with Sue Prasolowicz, Bldg. 34, Rm. 206, Ph. 2577.

Personnel Clerk, GS-203-3 or 5, PD No. 7340045, Code 4002 — This position is that of personnel clerk for the Weapons Development Department. The department personnel clerk prepares all requests for personnel actions, clearance requests, awards and promotions. Processes new and terminating employees. Prepares personnel reports charts and tables on the ad hoc basis. Maintains liaison between

Division offices, Department Office and Personnel Department. Works with training requests, does filing and record keeping. Minimum Qualification Requirements: As defined in X-118. Job Relevant Criteria: Must have basic knowledge of Federal, Navy and Center personnel policies.

Clerk-Typist, GS-322-3 or 4, PD No. 7440087, Code 4008 — This position is located in the Aircraft Armament Group, Advanced Aircraft Systems Program Office, Weapons Development Department. Major duties include typing of formal and informal documents, maintaining of records, files, receiving visitors and telephone calls. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: Ability to meet deadlines under pressure. Ability to type efficiently and accurately.

Computer Operator, GS-322-4, PD No. 7440110, Code 40408 — This position is that of a Computer Operator (in training) in the A-7E Program Office, Avionics Division, Weapons Development Department. The purpose is to provide a trainee position for a digital computer operator who will assist mathematicians and programmers in the operation of the A-7E Simulation Facility. Minimum Qualification Requirements: As outlined in CSC Handbook X-118. Job Relevant Criteria: Able to work rapidly and meet deadlines under pressure. Able to work with others. Ability to take supervision. Advancement Potential: GS-5.

File applications for the above with Charlotte Sieckowski, Bldg. 34, Rm. 204, Ph. 2313.

Clerk-Typist, GS-322-3 or 4, PD No. 745873, Code 5582 — This position is located in the Quality Assurance Branch, Product Assurance Division of the Engineering Department. Position is that of clerical support to the branch working in conjunction with branch clerk-typist. Performs filing, mail and telephone functions. Types travel orders and receives official visitors. Typing involves quality assurance and quality control reports with specialized terminology. Job Relevant Criteria: Knowledge of NWC Correspondence Manual. Personal initiative and good judgement in the handling of work assignments. Must be a qualified typist. Minimum Qualification Requirements: As defined in CSC Handbook X-118.

File applications for the above with Wilma Smith, Bldg. 34, Rm. 204, Ph. 2725.

Clerk-Typist, GS-322-3 or 4, PD No. 7320201, Code 3122 — Incumbent performs secretarial, clerical and clerk-typist duties for the head of the Chaparral Branch and other employees in the branch. Incumbent receives incoming calls, distributes mail, composes various branch correspondence and maintains branch files, makes appointments, makes travel arrangements and is focal point for branch classified document handling. Incumbent will also use MTST typewriter for technical reports, reports and forms. Job Relevant Criteria: Must be able to use IBM MTST Typewriter. Must have demonstrated telephone reception skills, ability to type efficiently and accurately, and ability to meet deadlines under pressure. DMT experience is desirable. Minimum Qualification Requirements: As defined in CSC Handbook X-118.

Supervisory Accounting Technician, GS-325-7, PD No. 7117011, Code 1742 — Incumbent serves as head of the Commercial Orders Section in the Cost Accounting Branch of Central Staff. The incumbent will provide technical instruction, work assignments and work review for members of the section. The incumbent is responsible for the control and maintenance of cost accounting records and subsidiary ledgers for a wide variety of NWC contractual commitments. Incumbent deals with supervisory personnel within the Accounting Branches and with operating administrators and staff in the performance of these duties. Job Relevant Criteria: Ability to provide first-level supervision; detailed knowledge of the NWC cost accounting system; ability to meet deadlines under pressure. Minimum Qualification Requirements: As defined in CSC Handbook X-118.

File applications for the above with Elizabeth Sodergren, Bldg. 34, Rm. 204, Ph. 2674.

Job Opportunities

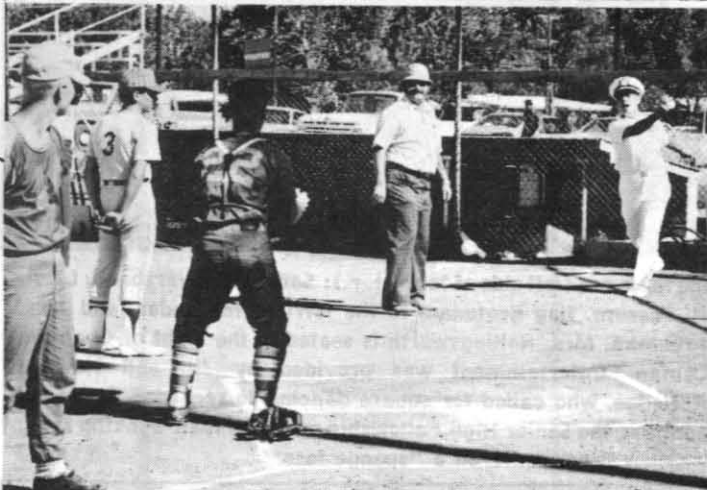
Bartender, NA 741-3 (\$2.35 ph), PD No. 7440010, Code 8523 — This is not a Civil Service Job. Incumbent mixes alcoholic-non-alcoholic drinks to order; delivers drinks, receiving payment or appropriate charge to members club card. May be required to serve colored parties, stock service bar, prepare garnishes, wash glasses and other bar equipment. Above duties are performed under close supervision of regular bartender or the bar manager.

Exam Announcements
Maintenance, General Foreman, WS-4740-14, Code 70. This amends the closing date for filing to July 29, 1974.

Heavy Mobile Equipment Mechanic, Foreman, WS-5603-10, Code 70. This amends the closing date for filing to July 22, 1974.

Maintenance, Foreman, WS-4740-10, Code 70. This amends the closing date for filing to July 29, 1974. Also amends the qualifying trades to include the following: Structural Iron Worker, Boilermaker, Saw Filer, Toolroom Mechanic, Electronics Mechanic (Maintenance), Armature Winder, Elevator Mechanic, Welder, Letter & Grainer (Voltage); Electrician (Telephone), Central Office Repairman, Electrician (Lineman Communications), Boiler Plant Operator, Water Treatment Plant Operator, Sewage Disposal Plant Operator, Refrigeration & A/C Plant Operator, Pipefitter & Insulator; Carpenter, Glazier, Joiner, Locksmith, Linoleum Layer, Painter, Painter (Coach), Gas Heating Equipment Mechanic, Plumber; Tile & Plate Setter, Welder, Letter & Grainer (Voltage); Electrician (Telephone), Central Office Repairman, Electrician (Lineman Communications), Boiler Plant Operator, Water Treatment Plant Operator, Sewage Disposal Plant Operator, Refrigeration & A/C Plant Operator, Pipefitter & Insulator; Carpenter, Glazier, Joiner, Locksmith, Linoleum Layer, Painter, Painter (Coach), Gas Heating Equipment Mechanic, Plumber; 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China Lake Entry Wins MDISL Softball Crown



MEET THE CHAMPS — The fast pitch softball team from NWC has won the 1974 MDISL crown, defeating last year's winners, Norton AFB, 5-1 in the final game last Sunday. Above are some scenes of the trophy presentation and starting ceremonies. Beginning at bottom left and looking clockwise: RADM. R. G. Freeman III, NWC Commander, threw out the first ball at the start of the tournament on Friday, July 12. Top left, Billy Brown was honored as the most valuable pitcher of the tournament. He figured in all four China Lake wins. Top center, RADM. Freeman

presents the team trophy to Max Smith and Rich Clodt, managers of the team, while Bill Nicol, whose hard work and organization was responsible for the smooth operation of the tournament, looks on. Top right, the Center Commander awards the trophy for most valuable infielder to China Lake third sacker Mark Stoner. Bottom right, chief umpire Tom Fortney overlooks a close play at third base during the first game played by the local team against March Air Force Base. An average of over 300 persons attended each game of the tourney. —Photos by PH2 Dan Yeatts

Pitcher Billy Brown Instrumental in All Four Local Victories

China Lake has finally won a Mojave Desert Inter-Service League fast-pitch softball tournament.

The local squad, led by the pitching of Billy Brown, the fielding of Mark Stoner, and the hitting of Gary Pottier, defeated the team from Norton Air Force Base last Sunday, 5-1, for the championship.

Brown had an outstanding tournament. He was selected as the most valuable pitcher of the tourney by the NWC Special Services Division, hosts for the three-day affair. Brown relieved Bert Andreasen in the sixth inning of the NWC team's first game on Friday night against March AFB, giving up one run in the seventh inning and preserving the win for Andreasen. China Lake won that game, 7-5.

In the second contest on the same evening, at 8:30, Brown started the game and pitched all seven innings, winning 1-0 over the team from Edwards AFB. The only run of the game came in the third inning when Doug Fisher doubled and Brown won his own contest with a double, scoring Fisher.

Locals Defeat Norton AFB

On Saturday evening, NWC went up against Norton AFB, last year's champions. Andreasen started, but Brown relieved him in the fifth inning and notched the victory, 5-4. Pottier and John Martin each hit home runs for the locals, while Bo Bowring, who was selected most valuable hitter for the tournament, smashed two homers and Marty Wright hit one round-tripper for the losers.

Norton bounced back in the loser's bracket to defeat 29 Palms, 19-10, and earned a spot against the China Lakers on Sunday at 3 p.m. However, Brown again pitched a gem, going the full route, giving up only one run — a solo blast out of the park by George Esparaza. Pottier again hit a homer for the locals.

Pottier Had Good Tourney

Pottier came close to picking up the batting title. He hit safely five times in 11 trips to the plate, including two home runs, four runs batted in, and scored three times.

However, Bowring, the Norton AFB slugger, got eight hits in 15 at bats, three home runs, and knocked in seven runs while scoring six times. Another man who proved to be a terror at the plate during the tournament was John Epps, who played for 29 Palms. He hit safely eight times in 19 at bats, which included two home runs and 12 runs batted in. He also scored five times.

Mark Stoner was singled out as the most valuable fielder. Again, in this selection, Pottier was one of those considered by Special Services. However, Stoner made some key fielding plays and was instrumental a number of times in getting the side retired, thus preserving a win for the local softball team.

The victory in softball, a major sport in MDISL accounting, gave the Naval Weapons Center a total of 71.5 points in overall standings, only five points behind Norton AFB, the leaders. NWC is second in major sports with 38 points, behind the 41 points racked up by Norton, and is tied for third in minor sports.

Remaining MDISL Season

Only golf (minor), slow-pitch softball (major), and a sports carnival (minor) remain during the 1974 season.

The sports carnival is a new event that has been added to take the place of flag football, which has been dropped this year by the MDISL. The sports carnival, which will be hosted Nov. 14-17 by Norton AFB, consists of four different events — handball, racquetball, badminton and a three-mile run.

Athletes on the Naval Weapons Center who excel in any of these four sports are asked to contact Wilt Wyman at the Center gymnasium, by calling Ext. 2334.

Pony League All Stars To Enter Tourney

Bob Preul will take his Class A Pony League All Star team to Lancaster this weekend to compete in the District tournament.

The top team in this tourney will advance to the winners' bracket of the sectional tournament, while losers will compete in the sectional tourney's losers' bracket.

Preul, who will be assisted by his coaches, Maurice Bell and Bill Sizemore, stated that the Pony League team needs funds.

Anyone who would like to donate should contact Jack Klever, president of the IWV Pony League, by calling NWC Ext. 5406 or 5404.

Boys selected for the Pony League's All Star team are Mark Atkinson, Dale Bayless, Ernest Bell, Tony Borjan, Casey Cornelius, Rick DeMarco, Carlos Garcia, Kirk Gilbert, Ralph Mattis, Jim Peck, Bobby Peter, Russell Preul, Kurt Schneider, Paul

Shamadin, Victor Wiggins, Bobby Branson and Mike Cobb.

Hunter Safety Course Is Requirement for License

Persons applying for their first California hunting license must first enroll in a hunter safety training course, the Department of Fish and Game reported in a reminder issued recently.

Upon completion of the training course, the applicant receives a certificate of competence, which must be presented when applying to buy a license.

Anyone applying for a hunting license must provide either a certificate of competence, or proof that they have held a California hunting license during a previous year.

Information on training classes may be obtained from DFG offices in Redding, Sacramento, Yountville, Fresno and Long Beach, or from local license agents and game wardens.

GOLF LEAGUE STANDINGS

Following are the standings in the China Lake Intramural Golf League after 10 weeks of play:

AMERICAN DIVISION			
Team	Won	Lost	
Smoothies	39	21	
Stingers	36.5	23.5	
Vampires	36.5	23.5	
NAF Hawks	29	31	
Analysts	28.5	31.5	
The Symposium	25.5	34.5	
Fore Players	20.5	39.5	
Nolo Contenderes	15.5	44.5	
NATIONAL DIVISION			
Team	Won	Lost	
The Bandits	37	23	
Fuzaliers	35.5	24.5	
Big Spenders	35.5	24.5	
TTD	32	28	
Bad and Ugly	31	29	
Short Knockers	30.5	29.5	
Streakers	25	35	
Prima Donnas	23.5	36.5	

By Jack Lindsey

It was a great tournament! China Lake won all the marbles. The visiting teams expressed pleasure at the accommodations, the playing fields, the umpires, and — for a change — the fans.

The 1974 running of the MDISL softball tournament, fast pitch variety, was an outstanding success, viewed from any angle. Two local players, Billy Brown and Mark Stoner, took two out of three of the "most valuable" trophies — Brown for his outstanding pitching efforts, and Stoner for his flawless fielding.

Another local ball player — Gary Pottier — nearly won the hitting trophy and was in the running for the fielding award.

John Shoaf was pleased. Wilt Wyman was thrilled. Rear Admiral R. G. Freeman III, the NWC Commander, seemed elated. Bill Nicol was tired . . . very tired. And the ball players? They literally came out of their tree.

The Center Commander threw out the first ball on Friday and presented the

(Cont. on Page 8)

Decline Reported In Energy Consumption Rate of Reduction

Some fluctuation in what had, heretofore, been a steady reduction in energy consumption at the Naval Weapons Center was reported for the month of June by Ltjg. L. S. Murphy, Public Works Department project officer.

Still in existence is a Chief of Naval Material requirement calling for a 15 per cent reduction in energy usage each month over the same period a year ago, Ltjg. Murphy reminded NWC employees and military personnel.

Compared to the month of June 1973, electric power usage was cut by 14.8 per cent this past month, and there also was a drop of 4.3 per cent in the consumption of natural gas within the Center's housing area.

Other Reductions Reported

Other reductions in energy consumption for June 1974, compared to a year ago, were: fuel oil usage, down 81.7 per cent; and propane gas, down 29.3 per cent.

Fuel usage that climbed during the month of June 1974 in comparison with the figures for 1973 were: natural gas in industrial areas, up 37.6 per cent; diesel fuel, up 7.4 per cent, and gasoline, up 9.5 per cent.

The use of natural gas in industrial areas was unexpectedly low in June 1973, which partially explains the past month's increase, Ltjg. Murphy noted, while the boost in the consumption of gasoline has been brought on by the fact that more employees are now using government vehicles.

Contracts Awarded...

(Continued from Page 1)

the J. A. Roberts Roofing Co. of El Monte (\$32,000). Work required under these agreements is the exterior painting and re-roofing of various buildings in the G-1 range area, as well as other structures between NAF and the G-1 range, and some buildings within the housing area.

The list of recent contracts awarded also includes the following maintenance service contracts.

Tree Trimming Contract

Workmen of the Bay Cities Disposal Co. of San Diego, the firm that now also handles refuse and garbage collection work at China Lake, was awarded a \$24,400 contract for tree trimming and the selected removal of dead and diseased trees.

Pest and weed control service for the current fiscal year will be carried out by the Gardena, Calif., firm of Edwards and Son at a cost of \$45,000, while street cleaning work within the housing area will be done under a \$24,600 contract awarded to the Baker Sweeping Service of Cypress, Calif.

In addition, Sumco Upholstery of Ridgecrest was the recipient of an open-end contract for the renovation of automotive interiors for the Public Works Department's Transportation Division.

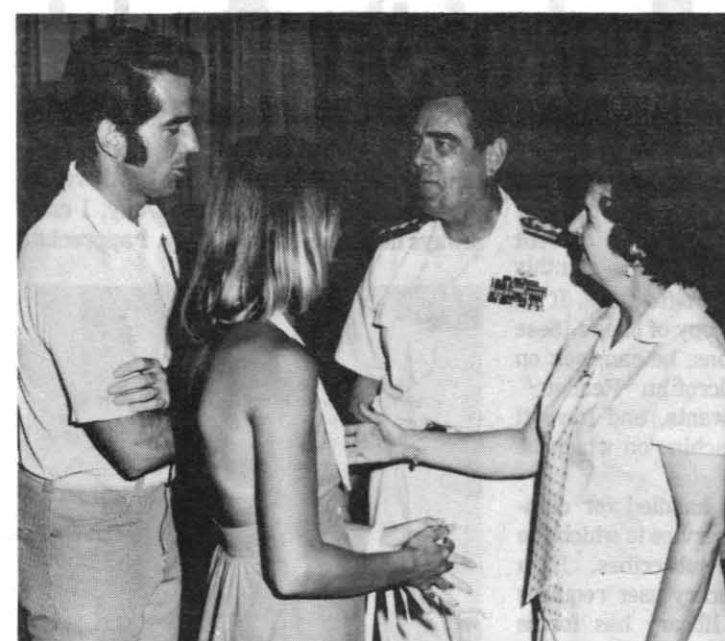
A contract for custodial services on the Center has been put out for additional bids, but has not yet been awarded, Ltjg. Morris noted.

Problem With Dog Bites Reported At Fedco Gas Station

The Employee Services Board reports that two Fedco Station attendants have been bitten recently by dogs in cars they have been servicing with gasoline, and several other near misses have occurred.

China Lake residents are cautioned to keep their dogs under close control while at the gasoline pumps to prevent this kind of occurrence.

The Fedco management has been authorized by the Employee Services Board to refuse service to any customer who does not close car windows or otherwise maintain strict control over his dog while purchasing gasoline.



WELCOME ABOARD RECEPTION — Nearly 400 Naval Weapons Center employees had the opportunity Tuesday afternoon following work to extend their personal greetings to Rear Admiral and Mrs. R. G. Freeman III, Dr. and Mrs. G. L. Hollingsworth, and Capt. and Mrs. R. D. Franke during a reception held at the Community Center. RADM. Freeman, NWC Commander, and Mrs. Freeman (top left photo) are shown with Dr. Allen B. Gates, acting head of the AIM-9L Office and his wife, Betsy, while in the photo at top right Dr. Sol Spears, assistant superintendent (educational services) for the Sierra Sands Unified School District, is conversing with Dr. Hollingsworth, NWC Technical Director, and Mrs. Hollingsworth. In the picture at lower left, Capt. Franke, the Center's new Deputy Commander, is shaking hands with someone hidden from view by Edith Huse, head of the Project Publications Branch in the Technical Information Department's Publications Division. Mrs. Huse is exchanging greetings with Mrs. Franke. —Photos by Ron Allen

Plastics Fabrication Facility in Operation...

(Continued from Page 1)

metallic or non-metallic tooling, and a spray-up method with a chopper-gun system, utilizing chopped glass with a polyester resin.

Basically, the three hydraulic presses are used for compression molding of thermosetting composites in matched metal dies, and composite type test panels. The 720 ton capacity, 4-column, up-acting, press has electrically heated platens 5 x 12 ft. in size. The platen heating capability of this press is up to 600 deg. F.

Other Presses Used

The medium size 125 ton capacity hydraulic press has water cooled platens, and is also a 4-column, up-acting, electrically heated press. Its platen size is 24 x 22 in., and also has a heating capability of up to 600 deg. F. The smallest press is 50 ton capacity, 4-column, hand operated, up-acting with electrically heated platens.

Platen size on this press is 12 x 12 in. Platen heating capability is also 600 deg. F.

The vacuum bag capability at the facility is performed with a large stokes vacuum pump (30 cfm displacement capability), that has all necessary connections.

Quick Method

Chopped fiberglass (with a polyester resin) is sprayed onto a form by using a chopper-gun spray-up system, made by Glas-Craft. This system is ideal for obtaining quick-type sprayed-up parts which can be used for show parts, demonstration models, wind tunnel test models, and parts for preliminary testing of mechanical and physical properties.

In addition, walk-in boxes — two cold and the other an oven — are located at the facility. The hi-temperature, walk-in oven

will provide air temperatures up to 550 deg. F. The internal dimensions of the oven are 7 ft. x 12 ft. x 7 ft.

There are two of the cold boxes. One operates at Zero deg. F., the other at -50 Deg. F. Both boxes can be used either as an environmental, or a storage chamber.

Examples of some of the work performed recently at the facility includes radomes for various development missile systems and wing sections for the Walleye missile, and hand lay-up work for covers on superconductor magnetometers. These latter items were made out of fiberglass.

Persons who desire further information about the facility, or who have questions about work they might want done at the plant, are asked to call Heumann at NWC Ext. 7268.

Navy League To Install New Officers Wed.

New officers of the Indian Wells Valley Council of the Navy League will be installed during a dinner meeting to be held next Wednesday, July 24, at the Chief Petty Officers' Club.

A social hour at 6:30 p.m. will precede the dinner and installation program.

Guests of honor for the evening will be Dr. G. L. Hollingsworth, NWC Technical Director, and Mrs. Hollingsworth; Capt. R. D. Franke, NWC Deputy Commander, and Mrs. Franke; Capt. R. S. Moore, Commanding Officer of the Naval Air Facility, and Mrs. Moore; and Capt. E. M. Crow, Commanding Officer of Air Test and Evaluation Squadron Five, and Mrs. Crow.

The new slate of officers, headed by Michael Molner, as president, will be installed by M. C. Carlson of Inyokern, a national director of the Navy League. Other officers who will be installed along with Molner are Ralph Todd, vice-president; Joan Taylor, 2nd vice-president; Jack Strayer, secretary-treasurer, and Dr. L. W. Stevens, judge advocate.



PROMOTED TO LT. COL. — Newly-promoted Lt. Col. Ross S. Plasterer is shown with Capt. E. M. Crow (l.), Commanding Officer of Air Test and Evaluation Squadron Five. Lt. Col. Plasterer joined the U.S. Marine Corps in 1957. He reported to VX-5 in October 1973 and serves as the squadron's Operations Officer. Lt. Col. Plasterer and his wife, Lesley, and daughter, Caren, live in Ridgecrest.

Specifications Library Called 'Vital Tool of the Trade'

By Elizabeth Babcock

Visit the basement of Michelson Laboratory and you get an almost oppressive sense of the vastness and weight of the building. Over your head numerous pipes and cables thread a maze of services to the offices and laboratories in the floors above you. You can almost hear the throbbing of great engines as the hot, dim corridor stretches before you.

Michelson Lab basement is not the most pleasant of places to visit, yet every day NWC engineers and administrators descend to the lower depths and find their way to a crowded room below the machine shop. Here is a service that one project engineer characterizes as "a vital tool of the trade," and that another states is "absolutely essential—we couldn't get along without it."

This is the Technical Library's Specifications Section, where engineers can find copies of current specifications that have been approved by the Department of Defense and the Naval Air Systems Command. Making order of the potential chaos of thousands of documents is Marian L. Sluss, Specifications Library technician.

Shares Space With Vault

The Specifications Library shares space with the Technical Library's Michelson Laboratory vault in the room that once served as Shop Stores for laboratory personnel. Mrs. Sluss likes the present location of the Specifications Library, a feeling she shares with the library's users. "The lab is really a central location, even for range



EXPERT HELP — Paulette Murray, an employee of TID's Technical Library Division, helps two hours per day in the Specifications Library, sorting specifications, filing them, and helping with the numerous chores necessary to run this vital NWC service.

personnel," stated one project manager. "With this convenient location, in minutes most of us can be here, get what we want, and be on our way." He added that, on occasion, he has left an important meeting to dash downstairs and get a copy of specifications under discussion.

Although the Specifications Library is a typical library in the sense that it orders and stores documents in a retrievable manner, it does not function as a traditional lending library. Since the library's customers often must use certain sets of specifications every day, it is usually much more convenient for them to obtain these specifications permanently than to borrow them.

Paper Shortage Felt Here

Noting that the paper shortage is affecting even this library, Mrs. Sluss said, "I would hate to go to a lending library situation, yet we may have to in certain cases if the documents keep getting harder to order." To help with this situation, she requests of her customers, "Please ask for only the number of copies you require, and, if you have no further use for them, return them to us."

"We want the engineers to take the

specifications and keep them for as long as they have any possible use for them," she added, "but if the usefulness is over for them, other people may be able to use the same documents." She emphasized that this request is for unclassified documents only. "We do have some storage space for classified documents, but it's limited," she explained.

The Specification Library offers a broad range of services. Mrs. Sluss has available military, federal, and commercial specifications; information on cancelled specifications; Air Force, Army, and Navy documents (including NAVORD); and NASA specifications and standards. "Sometimes we get requests for other NASA documents," Mrs. Sluss said. "We refer

of microfilm copies of DoD-approved specifications back to 1966, as well as many NAVAIR-approved specifications. These film files are updated every two months. The library also has available a current copy of the "Hot Specs," a twice-monthly list of the most recent specifications. If an engineer wants a paper copy of one of these microfilmed specifications, he can look on the Visual Search Microfilm Reader/Printer, find what he wants, and have it printed by the same machine on which he views it.

Vendor data are also handled for companies registered with a service to which the Specifications Library subscribes. If a company on which a library user requires data is not listed, the library has forms

"The location is so convenient, most of us can be here, get what we want, and be on our way..."

these requests to the Reference and Circulation Branch, since we have only the specifications and standards for NASA."

As far as possible, this is a self-service library. "Many people know just where the documents they want are located and they just come in and help themselves," Mrs. Sluss said. "If a customer is new or if he is having trouble finding what he wants, I'm happy to help him."

Mrs. Sluss emphasized that she handles only specifications that have been approved by the Department of Defense or the Naval Air Systems Command. "I don't handle anything in the preliminary stage," she stated. "If you want a specification on a design currently being worked on at NWC, Code 5554, the Engineering Department's Document Distribution Branch, probably can get it for you."

In order to accommodate the steady flow of customers using the Specifications Library, Mrs. Sluss tries to keep on file five to 10 copies of specifications that are in demand. "I try to stock on the shelves all the documents that I think people will be asking for," Mrs. Sluss said. "If I don't have a needed document in stock and it is the type of document that I handle, I will special order it."

In addition, the library carries thousands

available on which the customer can request that the company be listed.

Mrs. Sluss stressed that she is happy to fill phoned-in orders. "People often call requesting a specific document. If I have it in stock and if it's unclassified, I'll just put it in the guard mail."

At the present time, most of these services are free to the NWC personnel using them. "I require a J.O. on very big order requests or anytime more than a dozen or so pages are run on the reader/printer. And people do have to pay for commercial specs that I order. Basically, those are the only expenses for the customer," Mrs. Sluss said.

Librarian Enjoys Her Work

Mrs. Sluss performs the many details of this work by herself most of the day. And she enjoys it—"I like lots of details to keep track of," she explained. "Two hours a day assistance from Paulette Murray, an employee of the Technical Library, really helps, though," she admitted. The Specifications Library has functioned as a field activity of TID's Technical Library Division since last November. "Sometimes Paulette can't come over and I have to leave," Mrs. Sluss said. "In a case like that, I simply have to lock the doors and leave a note."

Mrs. Sluss spoke positively about library users' understanding of her time limitations. "Because I am in here by myself except for two hours a day, I can't always help people right away. I appreciate



LET'S LOOK HERE FIRST — Marian L. Sluss, library technician, keeps on file thousands of copies of specifications for the use of NWC engineers. Here she helps Dan Long, an employee of the Engineering Department's Systems Electronics Branch, find the specifications for a detailed machine part. If the specifications are not here on the shelf, the library may have them on microfilm.

Photos by Ron Allen

people's patience when they have to wait and their understanding when I explain that I just don't have the turn-around time I used to when I had more help," she said.

The Specifications Library is open from 8:30 to 11 a.m. and 12:30 to 4 p.m. each week day. These hours, slightly shorter than the regular NWC working day, allow Mrs. Sluss time to place orders, do typing, make copies, and perform many other routine chores of her detailed job. She is quick to explain, though, that even when the doors are closed, the Specifications Library is ready to help its users. "People can still call me and place orders over the phone."

Monday Is Deadline For Enrollment In Communication Class

The application deadline is Monday for enrollment in a communications workshop that is to be offered Aug. 6 through 22 at the Training Center on Tuesdays and Thursdays, from 9 to 11 a.m.

Gerald Stein, a personnel management advisor who has a master's degree in communications, will be the workshop leader. Presented during the course will be a series of films on effective communication that feature Prof. David K. Berlo, chairman of the Department of Communications at Michigan State University.

Subjects to be covered will include: "Avoiding Communication Breakdown," "Communication Feedback," "Changing Attitudes Through Communication," and "Communicating Management's Point of View."

Employees interested in participating in this workshop must submit an NWC enrollment form via department channels in order to reach Code 654 no later than Monday.

Surplus Government Property Auction Scheduled July 25

Nearly 170 items of surplus government property that will be offered for sale at an auction next Thursday, July 25, can now be inspected at NWC's Defense Property Disposal Facility on weekdays between the hours of 8 a. m. and 3:30 p.m.

Directions to this facility, for those who don't know its whereabouts, can be obtained at the Center's main gate pass desk. The variety of equipment to be auctioned off includes electrical and electronic components, calculators, pumps, trucks, tractors and trailers.

The auction is open to the general public, including NWC military and civilian personnel. A complete list of the equipment and vehicles to be sold at the auction, as well as the sale terms and conditions, may be seen at the local Defense Property Disposal Facility.

All those wishing to participate in the auction must be present and registered on July 25 at the Community Center, where the sale of surplus government property will take place.

Sign-ups will begin at 8 p.m. and the auction will get under way promptly at 9 o'clock.

Items purchased may be removed on the date sold, provided full payment is made.

Memorial Fund Started For Air Crash Victim

A memorial fund has been established at the Naval Aviation Museum, NAS Pensacola, Fla. 32508, in memory of Lt. Jack Esposito, who was killed in an aircraft accident at NWC on June 25.

Persons who desire to make a donation to the museum in Lt. Esposito's name, may do so by sending the donation to Lt. Phill Fossum, Code 001, or directly to the museum.

Lt. LeVine Relieves Ltjg. Bovee as Commanding Officer of Seabee Reserve Unit at China Lake

A change of command ceremony was held last Saturday morning by China Lake Sub-unit 11-2 of Mobile Construction Battalion 17 during which Lt. Michael N. LeVine

relieved Ltjg. Steve Bovee as Commanding Officer of the local Seabee Reserve unit.

Ltjg. Bovee, who was the China Lake unit's first Civil Engineering Corps officer



CHANGE OF COMMAND — Lt. Michael LeVine (on right) relieved Ltjg. Steve Bovee as Commanding Officer of China Lake Sub-unit 11-2 of Mobile Construction Battalion 17 during a brief ceremony held last Saturday morning. Visible in the background is Bill Thorpe, an equipment operator chief, who is in charge of all projects undertaken by the local Seabee Reservists.

to earn a commission through the enlisted ranks, is employed as an electronics engineer in the Advanced Technology Branch of the Electronic Systems Department's RF Development Division. He had commanded the local Seabee Reservists for the past year.

Lt. LeVine, the new CO, also is an electronics engineer. He works in the Missile Systems Analysis Branch of the Weapons Development Department's Weapons Systems Analysis Division.

Since its beginning in 1956, members of the China Lake Seabee Reserve unit have been involved both on and off the Center in a variety of civil action community programs. Among the construction projects on which they have lent a hand are the Little League baseball fields at China Lake and in Ridgecrest, the Ridgecrest Community Hospital helicopter landing pad, the enlisted men's trailer park at China Lake, the Christmas star at "B" Mountain, a car wash rack at the Auto Hobby Shop, and the annual "Johnny Horizon" cleanup programs.

Engineering and construction personnel with former military service who are interested in joining the Naval Reserve can obtain information by calling NWC Ext. 3142 or contacting CMC Phil Nelson, EOL Cy Ebersberger, EOC Bill Thorpe, UTC Glenn Beach or BUCS Frank DeLeon.

Surplus Store To Close

Because of the surplus government property auction scheduled next Thursday, July 25, the Defense Property Disposal Office's surplus retail store will not be open on Friday, July 26.

According to Gordon Peacock, chief of the Defense Property Disposal Office, the next date that the surplus retail store is scheduled to be open is Friday, Aug. 9.



THE ICE CREAM SOCIAL, sponsored by the Protestant Women of the Chapel each year to raise money for missions around the world, was attended this past Tuesday by nearly 1,300 persons. This surpasses the record set last year when 1,100 ice cream buffs showed up for the affair. Above, Chaplain R. E. Osman (standing) talked to Dr. G. L. Hollingsworth, the new Technical Director, and RAdm. R. G. Freeman III, the new Center Commander. Others at

the table are (left side of table, l.-r.): Sandee Schwarzbach, Lt. A. P. Fossum, flag lieutenant at the NWC Commander, and Mrs. Freeman. Mrs. Hollingsworth is seated to the right of Chaplain Osman. Entertainment was provided by Jill and Howard Rutledge, who called for square dancing to recorded music. In addition, the Senior High Fellowship operated their dunking tank. Another booth featured a "sponge toss."

Burroughs Stage Band To Play at Disneyland

The Burroughs High School stage band, under the direction of Michael Garrett, is set for a busy two days on Sunday and Monday.

This musical group, the 1974 winner of the Wasco Jazz Festival — which also placed third in the Central Valley Jazz Festival held in Visalia — has been invited to play at Disneyland on Sunday.

The band will set up in the Plaza Gardens, located near Town Square. The local

musicians will begin playing at 11 a.m. at Disneyland, and the program they have selected will be nearly the same one they will showcase for listeners the following evening at the Burroughs Lecture Center.

On Monday night, beginning at 7:30, the band will present a concert to raise money to buy a new set of drums. On tap will be musical selections from the Carpenter's latest album, "Music From Now and Then,"

as well as an arrangement of Maynard Ferguson's "Awright, Awright."

In addition, the group will play "Red Buttermilk," a brand new tune just released. Also on the program will be "Guitar '74," featuring students of the summer school guitar class of Russell Parker, director of band music at Burroughs.

Parker's class of 25 guitarists will be playing three different selections, led by the maestro himself.

Also set for Monday evening's program will be the Bill Lutjen's Combo. Lutjens, an extraordinarily gifted musician who is a member of the BHS Stage Band, will be heard on trumpet, flute and saxophone. Dave Rasmussen will play the trumpet, French horn and saxophone, while Carla Bechtel will confine herself strictly to the flute. Pianist will be Liz Knemeyer, and Dewayne Evans will strum the bass. Debbie Johnson will add the feminine touch to the percussion section.

Admission is \$1 for all on Monday night.

Scientific Papers Wanted by Sigma Xi As Contest Entries

Employees of the Naval Weapons Center are urged to submit papers to be considered for the best scientific paper of the year in a contest sponsored by the China Lake chapter of Sigma Xi.

In order to be eligible, the paper must have appeared in open literature during the 1973 calendar year. The author, or authors, must be NWC employees, or members of the China Lake chapter of Sigma Xi.

Preliminary selection will be made by a selection committee from the chapter, but final selection will be performed by an unbiased group of scientists from some other locality.

Papers for consideration should be sent to Fred Essig, Code 601, no later than July 31.

Good Brakes Required

Under Section 21201(a) of the California Vehicle Code, it is illegal for a person to operate a bicycle on a roadway unless the bike is equipped with a brake which will enable the operator to make one braked wheel slide on dry, level, clean pavement.