

'George M!' Curtain Goes Up Tonight

"George M!" will open at 8:15 tonight at the Burroughs High School Lecture Center. Presented by the Burroughs Players, under the direction of Alan Kubik, the show will be repeated Saturday, Sunday, and again on Friday and Saturday, May 11 and 12.

All performances will begin at 8:15 p.m. with the exception of the Sunday, May 6, matinee. Doors will open on that day at 1:30, with the curtain scheduled to go up at 2:15 p.m.

A special attraction of this show will be the addition of the Burroughs Stage Band, led by Michael Galtieri, which will provide musical accompaniment on many of the recurring Cohan numbers.

"George M!" is the story of George M. Cohan, the famous Broadway giant and musician.

"After watching Mike's work in local productions and hearing what he has done at Burroughs' concerts, I have been very excited about working with him on this show," said Kubik.

Tickets, priced at \$1.50 for general admission and \$1 for students and enlisted personnel, are available from members of the cast, the Station Pharmacy, the Gift Mart, John's Pizza Parlor, or can be purchased at the box office.

A special price of \$1 for all tickets has been established for the Sunday matinee.

Lecture About Namib Desert Set Saturday

An illustrated lecture about the pictographs and petroglyphs of the Namib Desert of Africa will be presented on Saturday night, starting at 7:30, in the Weapons Exhibit Center adjacent to the Maturango Museum.

The speaker for this program, which is being sponsored by the Maturango Museum and is open to the public, will be Prof. Lloyd Mason Smith. The Namib is the oldest desert in the world and has the highest sand dunes in addition to an extensive collection of petroglyphs and pictographs.

Professor Smith, who has made three visits to this seldom-seen part of Southwest Africa, is currently chairman of the Agriculture-Biology Division at Orange Coast College in Costa Mesa.

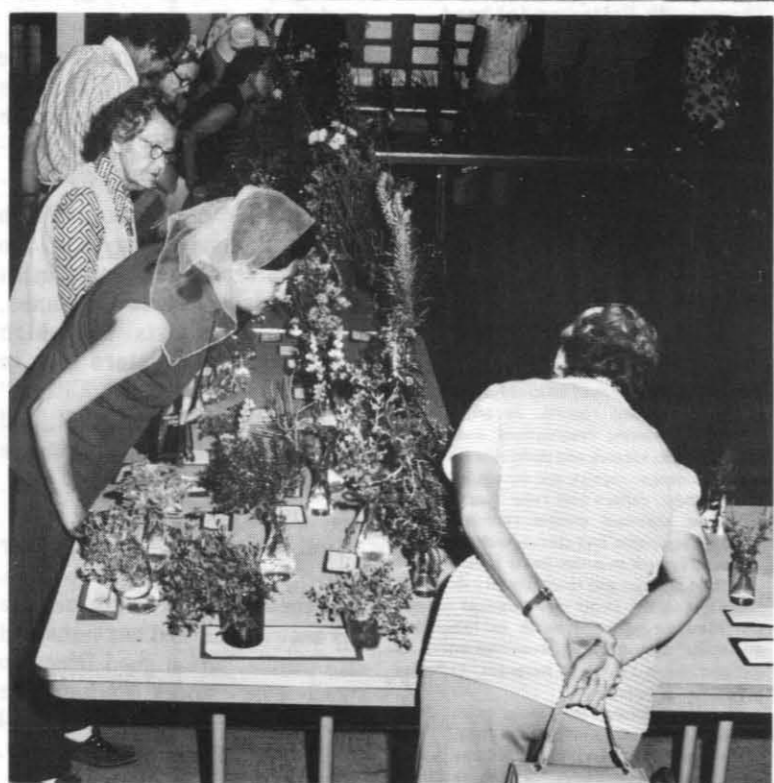
He was the founder and original director of the Palm Springs Desert Museum, and has traveled and worked extensively with Dr. Edmund C. Jaeger, of Riverside.

Film About NASA Emergency Slated

When the oxygen supply tank aboard Apollo 13 exploded, NASA's Houston Control Center was faced with an emergency.

"Hey Houston... We've Got a Problem," is the title of a film that relates the dramatic, successful effort to return the crew.

This film will be shown at the next meeting of the China Lake Astronomical Society on Monday, beginning at 7:30 p.m. at the clubhouse, 401-A McIntire St., China Lake.



WILDFLOWER SHOW SUCCESS — More than 3,000 persons visited the 26th annual WACOM Wildflower Show, held last weekend in the Community Center. Above, highlight of the show were the attractive murals, painted by six members of the Desert Art League, that formed ideal settings for the more than 200 different specimens of the wildflower on display. In the photo at left, visitors are attracted to a varied display of grasses, cacti and wildflowers, each identified by its botanical name. Pat LaBerge, show chairman, was pleased with the reception of the show and noted that visitors from 15 different states registered at the door.

Golf Center Radiothon Brings in \$3,000

Residents of the Indian Wells Valley donated more than \$3,000 to the Ridgcrest Golf Center during a five hour Radiothon (from 2-7 p.m.) held Sunday over Radio Station KLOA.

"We are very pleased at the support that we received," said Ted Edwards, chairman of the Ridgcrest Improvement Committee, the local community-minded organization that is spearheading the drive to erect a golf center on city-owned land near the Desert Empire Fairgrounds. "The response to this Radiothon was greater than the last one by a margin of 3 to 1," said Edwards.

Roger Young, who chaired the Radiothon for the RIC, stated that the response from China Lake residents was great, and that a large portion of the money this time was collected from residents of the Naval Weapons Center. "We are very thankful to the NWC Command for allowing us to operate the American Legion 40 and 8 train on the Center, and for the very fine cooperation which we received from Jim McGlothlin, the Public Affairs Officer, and others on the Center," Young said.

"The response indicates to us that people in this Valley really DO want recreation," Edwards pointed out. "We were asked if we intended to build tennis courts eventually, and suggestions were offered as to other types of recreational activities that could be based at the new Golf Center," he added.

Much help was received by many local clubs and organizations in the successful Radiothon. Glenn Shoblom, owner-operator of Radio Station KLOA, donated the five hours of air time to the RIC, and all sponsors' money for the radio broadcast went into the Golf Center pot.

Others who pitched in to make the fund-raising effort a success were members of the Altrusa Club, Business and Professional Women's Club, employees of Security Pacific Bank and Bank of America, and members of the High Desert Citizens Band Radio Operators.

"The Citizens Band people made the collections, and they reported to us that everyone they contacted was very considerate and treated them very cordially," Edwards said. "Members of the other clubs operated telephones where donations were called in," the RIC chairman added.

Edwards also outlined the role played by members of the

American Legion, who donated the 40 and 8 train, and who operated the vehicle through the streets of the Center and Ridgcrest. "On board was Andy Anderson, my assistant, and Blaine Davies, a tireless and energetic worker for the Ridgcrest Golf Center," Edwards noted. "Assisting Davies was his wife, Claudia. Others on board the train were George Pomeroy, the golf center's architect, and Katie Bell, of the RIC, and Kenneth Smith, Mayor of Ridgcrest.

Work is proceeding on schedule at the golf center site. "We will install the power and lights within the next two weeks," Edwards said. "The driving range and clubhouse will be open no later than the first week in July," he added.

Alice Dale, of the RIC, is in charge of a candy sale that will begin tomorrow at the K&R Shopping Center. The funds will be used for construction of the Golf Center.

Waitresses, Helpers Needed By COM

The Commissioned Officers' Mess needs waitresses for the dining room and cocktail bar, bus boys and kitchen helpers. Starting salary for inexperienced applicants is \$1.65 per hour. Interested persons should send applications to the manager, Code 80505, NWC.

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. 4 MAY
"SUMMER TREE" (STD 96 min.)
Michael Douglas, Jack Warden
(Drama) Reality confronts a college-age couple when their idyllic romance is interrupted by the war in Vietnam. (PG)

SAT. 5 MAY
—MATINEE—
"BLUE WATER, WHITE DEATH" (CS 99 Min.)
No cast listed - Documentary (G)
—EVENING—
"CANNON FOR CORDOBA" (CS 103 Min.)
George Peppard, Giovanna Ralli
(Historical Drama) A soldier of fortune leads a mission to destroy American guns stolen by Mexican revolutionaries from General Pershing. (PG)

SUN. & MON. 6-7 MAY
"IMAGES" (CS 104 Min.)
Susannah York, Cathryn Harrison
(Drama) Susannah York, apparently happily married, wanders off into dreams and visions of past lovers, who won't leave her alone. It soon becomes a guessing game as to which is dream and which is reality. Casual nudity may offend some. (R)

TUES. & WED. 8-9 MAY
"ELVIS ON TOUR" (CS 93 min.)
Elvis Presley, Kathy Westmoreland
(Musical) Through clever editing the picture tries to bring us the real Elvis. Interspersed with pre-performance backstage shots, mobbing by eager fans, and excerpts from his early appearances on the Ed Sullivan show are stills depicting his stint in the Army and family photos taken during his childhood and adolescence.

THURS. & FRI. 10-11 MAY
"AND HOPE TO DIE" (STD 95 Min.)
Robert Ryan, Lea Massari
(Drama) A band of crooks hiding out near Montreal is hired by an Italian hoodlum to kidnap a mentally retarded girl. Actually the girl is dead, having committed suicide — a fact known to the thieves but not the man who hired them. So they carry out the raid anyhow, hoping to pass off a phony girl for the real one and collect a million dollars. (PG)

Used Book Sale Set At Bennington Plaza

A used book sale, sponsored jointly by the American Field Service and the China Lake branch of the American Association of University Women, will be held Saturday, from 9 a.m. to 6 p.m. in front of the Shopping Bag Market at Bennington Plaza.

Books covering a wide range of reading interests — from mysteries and science-fiction to westerns and reading material for children — will be offered for sale at prices mostly under \$1 each.

From _____
TO _____
PLACE STAMP HERE

nwc rocketeer

Preparations Under Way For '73 Armed Forces Day

Preparations are continuing to move ahead this week for the annual observance of Armed Forces Day, which is to take place on Saturday, May 19, at the Naval Weapons Center.

During a brief meeting of the Armed Forces Day Committee, held Tuesday at the Community Center, Cdr. R. L. Wright, project officer, touched base with those in attendance regarding the various tasks that have been assigned in connection with the Armed Forces program.

While there will be no air show, as such, on Armed Forces Day, an open house at the Naval Air Facility will be one of the highlights of this annual event.

Negotiations are under way in an effort to line up a vertical take off and landing demonstration of the Marine Corps' Harrier aircraft for the benefit of visitors to NAF on Armed Forces Day, and clearance has been given to a request for a flight speed record attempt by Cdr. Lyle Shelton, USNR, a commercial airline co-pilot.

Shelton, who competes throughout the nation in civilian air races, plans to bring his propeller-driven F-8F Bearcat here for a speed record try over a 15-kilometer course. If this event comes off as proposed, Armed Forces Day visitors at NAF will be

able to see the air racer on static display and also observe its takeoff and landing before and after the speed record attempt.

William H. Hickle, an employee in the Advanced Aircraft Systems Program Office of the NWC Weapons Development Department, is the chief engineer on Shelton's F-8F Bearcat. Hickle helped to rebuild and modify the former Navy aircraft after it was totalled out by a crash landing in 1968.

Static displays on Armed Forces Day at NAF also will include various types of military aircraft — among them the C-9, a new type Navy medium transport — and effort also is being made to have available an F-14 Tomcat, the Navy's newest fighter aircraft.

These new aircraft, and others used in regular weapons test and evaluation programs at the Naval Weapons Center, will be parked either on the apron or inside hangars at NAF. Lt. M. R. Etheridge, Jr., has been placed in charge of arranging the aircraft displays, while static displays inside the hangars will be the responsibility of Lt. James Seymour and Lt. G. J. Eklund of VX-5.

Among the static displays in Hangars 2 and 3 at NAF will be (Continued on Page 3)

Unification of Schools Wins Approval of Voters

Unification of schools in this northeast section of Kern County was approved by a margin of more than two to one by voters who cast ballots in this past Tuesday's election.

Unofficial results (the absentee ballot count is not included) show that 2,271 votes were cast in favor of combining all local area public schools for grades kindergarten through twelve into one unified district. The number opposed to this proposal totalled 968.

The number of voters from Ridgcrest exceeded the total from China Lake who participated in the school unification election. All told, 1,696 votes were cast on the school unification question by Ridgcrest residents, compared to 1,323 from China Lake.

Ridgcrest voters favored unification by a margin of 1,285 to 411, while at China Lake the "yes" vote totalled 876 and there were 447 voters opposed to unification of schools.

Inyokern voters favored unification by a nearly 3-1 margin. Of the 125 voters who went to the polls at Inyokern, 92 voted in favor of unification and 33 were opposed.

Only in the Rand District was unification voted down. In that area, the "no" vote was 77, compared to 18 in favor of combining the China Lake, Indian Wells Valley and Rand School Districts

with Burroughs High to form one unified district for this part of Kern County.

With the school unification question now decided, the next step in the process of organizing a newly unified school district will be the matter of electing a seven-man board of trustees to govern the new district.

Dr. Harry Blair, Kern County Superintendent of Schools, will set the (Continued on Page 3)



THOMPSON AWARDS PRESENTED — The Center's highest recognition for outstanding individual achievement, the L. T. E. Thompson Award, was presented by Rear Admiral Suerstedt, Jr., NWC Commander, to Carl Louis Schaniel (at left) Assistant Technical Director for Plans and head of the Weapons Planning Group, and to Dr. Pierre St. Amand (at right), head of the Research Department's Earth and Planetary Sciences Division.

Naval Weapons Center
China Lake
California

Vol. XXVIII No. 18

Kindergarten Registration 2
Control Theory Symposium 3
Gold Rush Days Finale 4
Seabee Reservists Return 5
Sports 6
New Building Accepted 7
Radiothon Brings in \$3,000 8



THREE RECEIVE McLEAN AWARDS — Dr. W. B. LaBerge (at left), Acting Technical Director of the Naval Weapons Center, had the honor of presenting NWC's William B. McLean awards to (from left) Roy Dale Cole, Reuben Edson Nyswander and Joseph Andrew Mosko during a luncheon meeting of the Advisory Board held yesterday at the Commissioned Officers' Mess. Cole is a consultant in the Weapons Development Department, while both Nyswander and Mosko are employed in the Electronic Systems Department. —Photo by PHAN Jerry Sizemore

NWC's Top Awards Presented During Visit of Advisory Board

Five outstanding civilian employees were honored for their exceptional achievements at the Naval Weapons Center during a luncheon meeting of the NWC Advisory Board that was held yesterday at the Commissioned Officers' Mess.

The L. T. E. Thompson Award, the Center's highest recognition for outstanding individual achievement, was presented by Rear Admiral Henry Suerstedt, Jr., NWC Commander, to Carl L. Schaniel, Assistant Technical Director for Plans and head of the Weapons Planning Group, and to Dr. Pierre St. Amand, head of the Earth and Planetary Sciences Division in the Research Department.

The William B. McLean Award,

which is complementary to the Thompson Award and is presented in recognition of exceptional creativity through significant inventions that are patented, was presented by Dr. Walter B. LaBerge, acting Technical Director of the Naval Weapons Center.

Recipients of the McLean Award were Joseph Andrew Mosko, an electronics engineer and consultant; Roy Dale Cole, a research physicist and consultant, and Reuben Edson Nyswander, an electronics engineer.

Thompson Award

The L. T. E. Thompson Award was established in 1956 at the Naval Ordnance Test Station. The award was established by the Station for both military and civilian personnel "for outstanding contribution to the advancement of ordnance toward the fulfillment of the mission of the U. S. Naval Ordnance Test Station and thus the forces of the U. S. Navy."

The award pays tribute to the leadership and vision of the first Technical Director of NOTS.

The first individual to receive it was Dr. Thompson, and the second was Dr. William B. McLean. To date, 8 military and 38 civilian personnel have been presented with the L. T. E. Thompson Award.

Carl L. Schaniel, Since August 1966, when he came to the Naval Ordnance Test Station after a five year tour of duty at the U. S. Navy Electronics Laboratory in San Diego, Schaniel has played an active role of leadership for the Center.

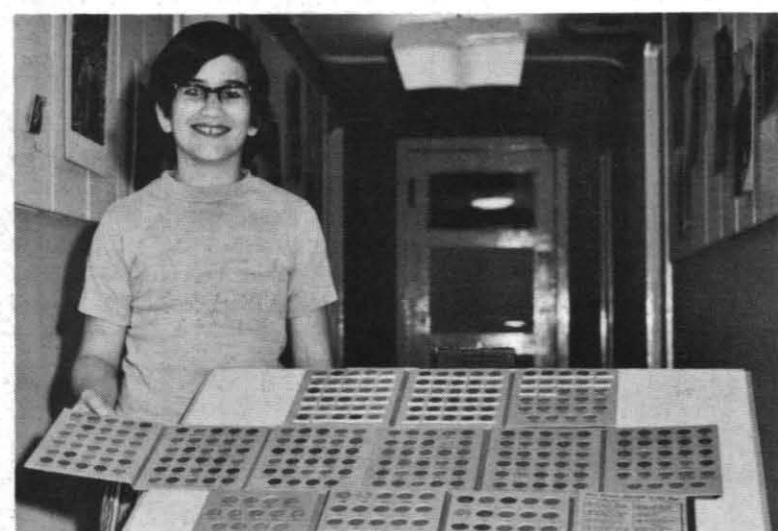
He was cited "for his outstanding leadership and perceptiveness in operations research and weapons

analysis methodology; for stimulating an interchange of ideas and information with the higher levels of Navy; for his role in initiating the interlaboratory Soviet Ship Vulnerability Program (SSVP), and other new and important intelligence programs; and for his dedicated efforts in enabling the Naval Weapons

(Continued on Page 3)



ADDED RESPONSIBILITY — Appointment of Dr. Walter B. LaBerge to the position of Acting Technical Director of the Naval Weapons Center became official this past Monday upon the signing of a memorandum to this effect by Rear Admiral Henry Suerstedt, Jr., NWC Commander. Until further notice, Dr. LaBerge, who has been NWC's Deputy Technical Director since February 1971, has been designated to serve as Acting Technical Director until the position is filled permanently.



YOUNG EXHIBITOR — Tony Peltz, 12, son of Mr. and Mrs. Marty Peltz, 205-A Entwistle St., displays his collection of American coins that will be on view during the Youth Hobby Festival. Sponsored jointly by the Ridgecrest Kiwanis Club and NWC's Special Services Division, the hobby show will be held in the Community Center, from 1-4 p.m., on May 12. Exhibits will be judged in three different divisions — kindergarten through sixth grade; seventh and eighth graders, and high school. Registration of entries closes on Monday. Entry blanks are available at the China Lake Youth Center, the Community Center, and Ridgecrest City Hall, 139 Balsam St. Young Peltz, who has been collecting coins for approximately four years, also collects match books. — Photo by ADJAN Bill Brooks

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 2049. Current applications (SF-171) or Standard Form 1972 should be submitted bringing your work history up to date if one has not been submitted within the last 4 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.

Clerk-Typist, GS-322-3/4, PD No. 7050022, Code 5041 — This position is located in Development Division II of the Fuze Department. Duties include typing reports, manuscripts, correspondence and procurement actions, arranging travel itineraries, making reservations and typing travel orders, receiving visitors and telephone calls, and receiving and distributing mail. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: Must be qualified typist.

File applications for above with Charlotte Siewkowski, Bldg. 34, Rm. 204, Ph. 3118. Editorial Clerk, GS-1087-4 or 5, PD No. 7275923, Code 7504 — As an editorial assistant on the Rocketeer Staff, the incumbent's prime responsibility will be to assist the editor and associate editor in obtaining information for news articles. The incumbent will perform interviews, schedule photographs, arrange for news coverage of events, write caption material, heads and short articles; and do some re-writing and proofreading. Will serve as secretary and receptionist for the Rocketeer. Minimum Qualification Requirements: GS-4, 1 year general and 1 year specialized; GS-5, 1 year general and 2 years specialized as outlined in X-118. Job Relevant Criteria: Ability to communicate well both orally and in writing. Courtesy, tact, and diplomacy in dealing with others. Sound foundation in English grammar and usage.

File applications for above with Mary Morrison, Code 457, Rm. 210, Ph. 2293. Industrial or Mechanical Engineer, GS-89-13 or 14, PD No. 7355916, Code 5501 — The incumbent is the Senior Production Engineer for the Naval Weapons Center. He serves as the chief technical consultant on production engineering problems to the Engineering Department and the Naval Weapons Center. He is primarily concerned with assisting weapons systems design groups in transition from development to production. He is also responsible for review and approval of all document control plans for NWC projects. Job Relevant Criteria: Production engineering experience. Knowledge of military drawing and procurement specifications. Experience with Navy design procedures and practice. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Supervisory General Engineer, GS-801-14, PD No. 7255861, Code 573 — This position is that

(Continued on Page 7)



ARTS AND CRAFTS FAIR SLATED — Gwen Childs shows how to use a potter's wheel, a skill she will demonstrate at the Unitarian Arts and Crafts Fair. The fair will be held Sunday in Chapel Annex 95, located at 95 King St., on the Center, from 2-8 p.m. Also on display will be items of interest made by members of the Unitarian fellowship. Other crafts to be demonstrated include jewelry making, by Ramona Orton; sand painting, by Jim Baird; macrame, by Jerry Zaharias; batik, by Louise Gillespie; leathercrafts, by Mr. and Mrs. Don Kummerman, and more. Refreshments will be served. There is no admission charge and all Indian Wells Valley residents are invited to attend. —Photo by ADJAN Bill Brooks

Tickets Now Available For Desert Dist. Scout-o-Rama

Boy Scouts, Cub Scouts and Explorers from the Desert District, of the Southern Sierra Council, Boy Scouts of America, have begun selling tickets for the 1973 Scout-o-Rama, to be held locally at Schoeffel Field on May 19.

The yearly celebration will be held to coincide with the Armed Forces Day event at the Naval Weapons Center. Local Scouts will be going from door to door asking a \$1 donation for admission to the Scout-o-Rama. Profits from this activity

will go to the salesman, local Scout units and to the council operating budget.

According to Leon Nelson, Desert District executive, when a Scout sells three tickets he will get the patch. If he sells 10, then he will get a choice of a prize from among 10 different Scouting implements. The prizes increase in value until the top prize of a free week at camp or a \$20 savings account can be won by selling 100 tickets.

The Desert District has set a goal of selling of 30,000 tickets.

The scene at Schoeffel Field during the Armed Forces Day celebration at NWC will be similar to that held in the past. Cub Packs and Boy Scout units and Explorers will set up displays of Scouting skills and activities. In addition, a pinewood derby will be staged, and every Cub Scout in the local area will be invited to enter.

IWW Red Cross Branch Slates Annual Meeting

Reservations, which are due no later than today, are still being taken for the annual meeting of the Indian Wells Valley Branch of the American Red Cross.

The meeting, a luncheon affair, will be held next Wednesday, May 9, starting at 11:30 a.m. at the Chief Petty Officers' club.

Highlight of the program will be a talk by Dr. Pierre St. Amand, head of the Earth and Planetary Sciences Division in the NWC Research Department, about earthquake preparedness.

Those planning to attend, but who haven't yet made reservations may do so by calling either Jackie Renne at 446-2426 or Willa Schaniel at 446-5909.

NAVY WEAPONS CENTER CHINA LAKE, CALIFORNIA. DIVINE SERVICES. PROTESTANT: Sunday Worship Service 1015, Sunday School—All Ages 0900, Wednesday Noon Bible Study 1130. ROMAN CATHOLIC MASS: Saturday 1700 fulfills Sunday obligation, Sunday 0700 0830 1130. BLESSED SACRAMENT CHAPEL MASS: Daily except Saturday 1135, Daily during Lent 1635, First Friday only 1135 1700. CONFESSIONS: Saturday 1545 to 1645, Sunday 0800 to 0825. CCD CLASSES: Sunday Kindergarten thru 6th grades 1015, Wednesday Seventh and 8th grades 1900. JEWISH SERVICES: EAST WING—ALL FAITH CHAPEL: Friday 1st and 3rd ONLY 2000, Sabbath Services 2000. UNITARIANS: CHAPEL ANNEX 95: Saturday Sabbath School 0900.

NEW INFORMATION CENTER — Art Amos, manager of the Community Center, points out some of the discount coupons available at the new Information Center to Laurie Tims, a receptionist for the office of the Technical Presentations Coordinator. The new center for travelers, sight-seers and people "on-the-go" was officially opened with a quiet ceremony on Wednesday morning, April 25. The room is stocked with maps, brochures, information pamphlets and coupons for NWC employees seeking information on where to go and what to do within a reasonable traveling distance of the Center. In addition, information on overseas trips is also available at the new information center.



ANNUAL CONFERENCE HELD — More than 50 persons attended the fourth yearly integrated logistic support conference on Shrike that was held here last week. Discussion during the three-day meeting centered around logistic effort for the Fleet in support of the Shrike weapon system. Paul Davis, from the Naval Air Systems Command office at Bailey's Crossroads, Virginia, served as chairman of the meeting, being backed up by Jack Patterson, from NWC's Shrike System Office in the Engineering Department's Weapons Systems Management Division, as co-chairman. Shown with Patterson (at head of table) and Davis (to the right of Patterson) are (l.-r.) Faye Jacobs, conference secretary; Joe DiPasquale, NWC's Shrike project manager; Dave Brumley, Shrike project manager for the Naval Air Missile Test Center at Point Mugu; Dudley Wallace, NWC's Shrike logistics representative, and (at right nearest camera) Jesse Green, a Shrike engineering technician. The conference was attended by representatives from Robins Air Force Base in Georgia, from the Fallbrook Annex of the Seal Beach Naval Weapons Station, the Yorktown Naval Weapons Station, and from COMNAVAIRPAC and COMNAVAIRLANT Headquarters. —Photo by PHAN Jerry Sizemore

PROMOTIONAL OPPORTUNITIES

(Continued from Page 2)

Head, Test Support Division, Engineering Dept. The division is directly responsible for the Center's frequency monitoring and management; range instrumentation planning, development and procurement; range facilities planning and preliminary design; range test data reduction and test data planning; and the operation and maintenance of range communications, timing, video and meteorological data systems in support of the Air and Ground Operations Divisions' tests. Job Relevant Criteria: Management experience in the areas of organization planning and resources management. Knowledge of range complex facilities and requirements; i.e., experience with the following systems: communications and timing, tracking radars, camera systems, telemetry systems, data processing and assessment. Ability to respond to a wide variety of technical demands from inside and outside the organization. Minimum Qualification Requirements: As defined in CSC Handbook X-118.

File applications for above with Pat Gaunt, Bldg. 34, Rm. 212, Ph. 2214. Supply Clerk (Typing), GS-2095-4/4, PD No. 7125930, Code 2382 — Incumbent verifies all requisitions for "Direct Turnover" for correctness, completes requisitions for routing and identification; checks for exception data in accordance with MILSTRIP procedures; sends out mechanized requisitions; verifies stock numbers and prices, audits transaction cards; works on rejection listing, checks various price lists, the processed transaction lists, the item change report and inventory General Report; screens all Price Management Data Section issued by ASO, etc. Minimum Qualification Requirements: One year of general experience for GS-3 and GS-4; one year specialized experience for GS-4 which included supply work or closely related activities. Job Relevant Criteria: Must be knowledgeable in MILSTRIP coding data and forms; must understand supply procedures and terminologies; must be accurate and able to work under minimum supervision. Advancement Potential: GS-3 to GS-4.

Supply Clerk (Typing), GS-2095-4/5, PD No. 7225099-1 or 72394-1, Code 2352 — Incumbent maintains stock records; receives and processes requests for ordnance material; orders material and reconciles records of daily movement of ammunition with physical inventories; types a variety of messages, reports and letters for the Ordnance Control Branch, in the Ordnance Division of the Supply Department. Performs clerical duties involved in the procuring, shipping, receiving and controlling of ammunition and explosives. This includes follow-up on procurement. Incumbent furnishes the technical departments with information on the status of orders and receipts. Minimum Qualification Requirements: One year of general experience for GS-4 and GS-5; one year of specialized experience for GS-4 and two years for GS-5 in supply work or closely related activities. Job Relevant Criteria: Experience in either controlling, receiving, shipping, or procuring supplies in the federal service; typing and record keeping skills; must be accurate and able to work under minimum supervision. Advancement Potential: GS-4 to GS-5.

Procurement Clerk (Typing), GS-1164-3/4, PD No. 7225053 or 7025014, Code 2322 — Types, assembles, and distributes purchase orders, delivery orders, and other paper work involved in small purchase and government contracts. Furnishes information regarding procurement status to customers and vendors; receives salesmen, maintains files and records pertaining to procurement. Minimum Qualification Requirements: One year general for GS-3, one and one-half years for GS-4 and one and one-half year specialized experience for

GS-4. Job Relevant Criteria: Experience which demonstrates a knowledge of how the following forms should be typed and distributed: purchase orders, delivery orders, requisitions, stub requisitions and blanket purchase agreements; ability to utilize existing files to determine current status of a procurement transaction; understanding of the proper procedures a customer should follow in submitting a requisition. Advancement Potential: GS-3 to GS-4; GS-4 to GS-5. File applications for above with Claire Lewis, Bldg. 34, Rm. 202, Ph. 2723.

Clerk-Typist, GS-322-3 or 4, PD No. 7104043, Code 4056 — This position is located in the Optical Design Branch of the Weapons Development Department. Incumbent will provide clerical assistance to the branch and division offices. Duties will include typing of both technical and non-technical correspondence, division memos, travel orders and other duties as assigned. 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. 206, Ph. 2676.

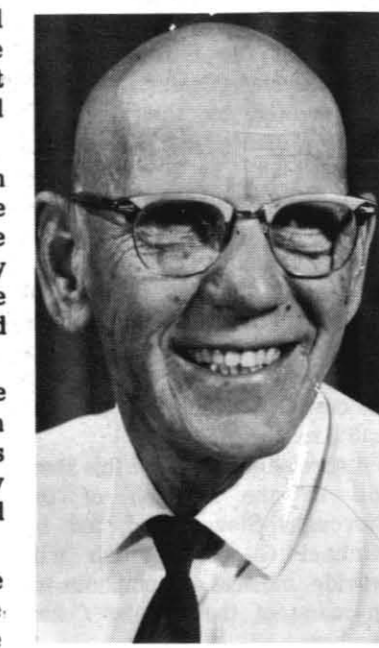
Clerk-Typist, GS-322-4, PD No. 7130084, Code 3012 — The incumbent is required to provide typing and clerical services to all project personnel in the form of official Naval letters, memorandums and reports. Arrange travel itineraries, making reservations and typing travel orders; receive and distribute incoming correspondence; receive and screen telephone and business callers and refer them as appropriate. Maintain control records on incoming documents and correspondence and a follow-up system on action items to assure that deadlines are met and maintain all records on them thereafter. Draft non-technical memos and compose correspondence as requested. Minimum Qualification Requirements: As outlined in X-118. Job Relevant Criteria: MTST typist required.

File applications for above with Dora Childers, Code 457, Rm. 210, Ph. 2822. The Naval Weapons Center, China Lake, California, announces a competitive promotion examination for Test Mechanic (experimental ordnance equipment) Foreman, WS-4605-10, Announcement No. NWC 4 (73). Applicants must file Card Form NAVEXOS-135AB Standard Form 177 and employee information supplemental sheet with the Special Examiner, Room 101, Code 452, China Lake, California, to be received or postmarked by 21 May 1973. Forms may be obtained at the Personnel Bldg., Room 100, China Lake, California.



THIS MAKES IT OFFICIAL — A symbolic ceremony marking the official release to the Naval Weapons Center Command of the new Systems Analysis and Computer Laboratory was held this past Friday. On hand to accept a king-size key to the new facility from Capt. W. H. Sturman (at right), NWC's Resident Officer-in-Charge of Construction, was Capt. D. W. Alderton, NWC Deputy Commander. In center is F. A. Chenault, head of the Systems Development Department, whose department will be one of the prime users of the new building, along with the Weapons Development Department headed by Frank Knemeyer. The latter was unable to be present for the photo. —Photo by PHAN Joe Dunn

Employee In The Spotlight



Ted B. Edwards

Did you ever watch a snowball rolling down a hill? As it nears the bottom, the round, white object grows in size, getting larger and larger.

Ted Edwards' life began snowballing around 1955 when he owned and operated a variety store in San Leandro, Calif. Plagued by youngsters stealing from his store and being nuisances, Ted reacted at first with hostility.

"Some clerks who worked for me thought I should treat the children with kindness, and maybe the kids would react a lot better than they did against the hostility," Ted explained.

Ted, who was a member of the San Leandro Optimist Club (The Optimists' motto is "Friend of the Boy"), launched an all-out campaign to win the youngsters over.

He joined the Oakland Youth Authority in working hard to prevent juvenile delinquency in his town. At his own place of business, Ted held contests in which deserving youngsters were presented with "Good Citizen" awards. His efforts paid off, and delinquency and shoplifting took a big drop in San Leandro.

Top of the Hill

That was the top of the hill for Ted. Since that time, his involvement in community service has snowballed. Ted has remained an Optimist and a good friend to youth ever since. Perhaps he remembered his own boyhood, full of good things to do and busy. Always busy.

Ted was born in Oakland, and attended the Healds Engineering College in San Francisco. When he was 18, he joined the Dollar Steamship Lines as a musician (he plays the piano). He made 13 trips with the steamship line and then returned to take up electrical engineering again.

He worked for the Ford Motor Co. until 1941. When World War II started, Ted joined the Navy as a civilian at Treasure Island and remained there until 1950, when he went into private industry — with General Metals Corp., a subsidiary of TransAmerica.

In 1955, Ted's venture with the variety store began. Because of declining conditions, he re-entered Civil Service, as an electrical technician at the Mare Island Naval Shipyard in 1960. In 1962 he transferred to NWC, where he is employed in the Public Works Department's Electrical Branch.

Founded Optimist Club

Eager to continue with his community service, Ted looked around for an opportunity and was struck with the fact that an Optimist Club did not exist in the Indian Wells Valley. "I was told that there were already so many clubs that I wouldn't be able to get enough support for another one," Ted smiled. Naturally, with a goal in sight, Ted wasn't listening. The Ridgecrest-China Lake Optimist Club was formed in 1966 and Ted was the charter president. He served in that position for 2½ years. In 1967-68, Ted was selected for the Optimists' "Meritorious President" award.

The Community Service snowball had reached the midway point in Ted's life and it showed

evident signs of increasing in size. In April 1968, Ted was elected to the Ridgecrest City Council. He was appointed as a "one man" committee in August 1969 to clean up the desert environment in the Valley by Mayor Kenneth Smith, and clean it up he did!

Ted's committee did such a fantastic job of de-littering this area, that it was labelled the "Cinderella Story" of the year by the CALL Littergram, published by the United California Bank and the California Anti-Litter League. For its efforts, the RIC won for Ridgecrest the 1970 Stauffer Award for Environmental Cleanup and Beautification, which brought a check for \$1,000 to the city.

Many Awards Won

Since that time, the Ridgecrest Improvement Committee, under Ted's leadership, has won the California State Bureau of Land Management's first Environmental Award (1971), and the Distinguished Achievement Award, presented by the National Council for Clean-Up, Paint-Up, Fix-Up.

In 1970, Ted was selected "Man of the Year" by the Kern Desert Business and Professional Women's Club, and he also received the President's Award from the Ridgecrest Chamber of Commerce — the first award of its type ever presented.

That community service snowball has yet to reach maturity. At this moment, Ted and his RIC are involved right up to their eyebrows in a plan to build a Golf Center for the City of Ridgecrest.

"We've just completed a very successful Radiothon that resulted in \$3,000 plus being donated for the Golf Center, and it looks like everything is going to be opened on time," Ted said.

Tireless Worker

A tireless worker, Ted claims he couldn't do it all if it wasn't for his lovely wife, Janice. "She works right with me, step for step, problem for problem," he said. Ted and Janice have devoted their life to working in their community. It's their hobby, leaving little time for anything else.

"I love it, though," Ted offered. "The area has been good to us, and we have received a great deal of help for what's been accomplished. I'm very proud of this community," Ted said.

And we're very proud of you, Ted.

The Rocketeer Official Weekly Publication Naval Weapons Center China Lake, California. RADM. Henry Suerstedt, Jr. NWC Commander. Dr. W. B. LaBerge Acting Technical Director. C. E. Van Hagan Head, Technical Information Department. PHOTODUPLICATIONS: PH1 D. C. Manderscheid, PH2 R. D. Cox, PH3 D. W. Yeatts, PHAN Jerry Sizemore, ADJAN Bill Brooks, PHAN Shellie K. Reed PHAN Joe Dunn Staff Photographers. DEADLINES: Tuesday, 4:30 p.m. Wednesday, 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 P25, revised July 1968. Office at Nimitz and Lauritsen. Information published in the Rocketeer does not necessarily reflect the official views of the Department of Defense. PHONES: 3354, 3355, 2347. SUNDAY SERVICES: 1930

NWC Sports Notes

Beginning today, Hall Memorial Lanes will feature open bowling with red pins on Fridays only from 11 a.m. to 1 a.m. Persons who desire further information are asked to call Dean Ray, NWC ext. 3471.

Swim Classes Slated

Special Services is sponsoring swim classes for tiny tots on eight consecutive Tuesdays, beginning Tuesday, May 8.

Class times are scheduled according to age group. Tots 6-17 mo. old begin at 9 a.m.; 18-30 mo., 9:30 a.m.; and 30 mo. to 4 years of age, 10 a.m.

A fee of \$4 will be charged. Registration will be continued until the classes begin on Tuesday, at the Center gymnasium swim pool.

Golfers, Take Note!

Golfers, take note! The String Tournament, originally scheduled tomorrow at the China Lake golf course, has been cancelled, due to a lack of interest.

Golfers also are advised to mark their calendars to show that the dates of May 16, 17 and 18 will find the golf course crammed full of golfers in the afternoons, since the Dewing Spring Classic, when literally hundreds of duffers will be teeing it up in the annual free-for-all, get-together, will be held at that time.

Leaders Begin To Emerge In Volleyball Play

By Leo Rickmers

Action this past week in the China Lake Intramural Volleyball League has helped to clear the air and establish some solid leaders in the various divisions.

In Division B-1, the Hummers defeated both VX-5 and the Comarco netmen to remain undefeated and in sole possession of first place.

Other action saw the Maharlika team, one of the hottest squads in any division, top the Sandfleas and also the Heavy Duty team to keep its string of victories flawless. Maharlika now leads Division B-2 with a 7-0 record.

The IFS, of Women's Division 1, remained the only undefeated volleyball team amongst the feminine squads as they downed the previously undefeated Court Clowns to move into first place in their division.

In other women's play, the Volleybelles, of Division 2, were slammed by the Net Climbers. This win enabled the latter team to slip into a tie for first place with the Knee Knockers. Each team has a 4-1 record.

In Division A volleyball, the Hatchetmen notched an 11 won, 0 loss record to move into a three-game lead in their division.

Tennis Clinic Set

The Command Administration Department's Special Services Division, in cooperation with the China Lake Tennis Club, will sponsor a tennis clinic to be held on Tuesdays and Thursdays between 7 and 9 p.m. at the tennis courts.

The clinic will begin next Tuesday and continue until Thursday, May 24. A maximum of 100 applicants will be accepted on a first-come, first-served basis.

A registration fee of \$2 for students and \$4 for adults will be charged.

that time. The course will be open to play during the mornings on May 16 to 18, but shut down in the afternoons. No grumbling, please!

Varsity Softball

Selection of a final roster for a varsity softball team is under way. The roster will consist of 15 players, five reserve players, a manager, and a coach.

Marty Denkin, who will manage the team, will be assisted this year by Max Smith and Bert Andreason, as coaches.

Watch for the playing dates as this team will be travelling in some pretty fast company.

T-Ball Sign-ups

Last call for registration and tryouts for the T-Ball Division of the China Lake Little League. Tryouts will be held tomorrow beginning at 9 a.m. at Little League Diamond No. 4.

Late registration will be taken at that time.

Intramural Softball

Registration for intramural softball will close at 4:30 p.m. today.

The Command Administration Department's Special Services Division, headed by O. A. Imer, plans to run three leagues this year — two official leagues, and one unofficial.

The official league will have paid umpires and trophies will be presented at the end of the season. The unofficial league will be a more relaxed, informal affair, with volunteer umpires and no trophies to be awarded winners.

A meeting of all official league team managers has been scheduled at 4:30 p.m., Monday, at the Center gymnasium.

All interested persons are asked to attend.

Team No. 1 Wins

Team No. 1 emerged as the winner of the Wednesday Night Women's Handicap Bowling League, finishing 13 games ahead of the second place team, The Hideaway Keglerettes.

CPO Entries Open

Entries for the third annual CPO Golden Anchor Golf Tournament will be accepted, beginning tomorrow. Entry blanks will be available at the Chiefs' Club, or at the golf course pro shop.

An entry fee of \$15 per person will be charged for this best ball, partners' handicap affair. The tournament will be held June 2 and 3 at the China Lake golf course.



GRUNT! — Muscles strained and feet dug into the sandy soil during the tug-o-war event at the Spring Olympics, held at the Naval Air Facility during the week of April 23-27. The tug-o-war was won by the Airframes Shop. AMD Avionics took the first place trophy in the Olympics by winning the final event of the day on Friday, the horseshoe competition. —Photo by PHAN Jerry Sizemore

AMD Avionics Takes Crown In Annual Spring Olympics

By Leo Rickmers

The Aircraft Maintenance Department's Avionics shop captured first place in the Spring Olympics, sponsored jointly by NAF and NWC, with a victory surge in the horseshoe event on the final day (Friday, April 27), defeating Ground Support Equipment & Fuels by one point, 25-24.

The competition in the third annual Spring Olympics, which included teams from NWC for the first time, drew 180 entrants and 14 different teams. Jim Brown, who organized the event, put on a fine show as competition was fierce in all of the events.

The Dispensary team garnered third place in the standings with 21 points, capturing the football throw in individual events.

A breakdown in the other categories saw the 10th Division entrant winning the volleyball; Airframes Shop won the tug-o-war; skeet shooting fell to the combined assault of the Quality Assurance Shop and Safety; and GSE & Fuels and the 1st Lt. Division ran away with the relays.

The officers hot-footed their way to the 400 relay title, and GSE&F copped the 800 yd. crown.

In other events, the Air Traffic Controllers pooled resources with the Weather Detachment and tossed in enough balls to win the basketball free throw competition. AMD Avionics took the first of their two titles when they pedaled the wheels off their vehicles and snapped up first place in the bike



By Jack Lindsey

I talked to a couple of guys who went to Palm Springs last weekend to compete in the annual golf tournament sponsored by the Golf Course Superintendents' Association, held at Mission Hills CC.

They were bitter about the winner. It seems that a ringer, sporting an inflated 16 handicap, was somehow allowed to enter. He shot a gross 86 the first day and followed that miracle up with a gross 83 on the second day, finishing with a net score of 137.

I wondered how this could be allowed, so I talked to Jimmy Lee, our own affable, genial superintendent, who took 38 of his duffer friends to Palm Springs to play as his guests in the event.

When I asked him about the grumbling he skipped over the matter. "Everybody had a real good time," he said, enthusiastically. "We stayed at the El Morocco Hotel, in Indio, and the manager furnished us with a hospitality room where we got together on Friday and Saturday nights."

I tried to steer him back to the real subject, namely, the sand-bagger who walked off with the low net prize. "Well, Pat McDonald won the low gross prize, but he turned it down because he's a pro," Jimmy said. "And his mother, Mary, won third low net of the ladies' flight," he went on.

"But, Jim, what about this other guy?" I ventured.

"The tournament was rather poorly run, and a lot of the golfers complained about that," Jim offered. "But the organizers promised to do better next year," he added.

I gave up. It seems the subject was such a sore spot that Jim didn't want to talk about it. "How did you do?" I asked, turning to go. "Oh, I won," Jimmy said, demurely.

race. The week-long activities were capped off by a party for all participants, which was held at the NAF swimming pool following the final event on Friday.

The IWV Swim Team, coached by Carol Chatterton, swam away with 96 medals at a three-way swim meet held last weekend in Bakersfield.

IWV Swim Team Swamps Rivals In 3-Way Meet

The IWV Swim Team, coached by Carol Chatterton, swam away with 96 medals at a three-way swim meet held last weekend in Bakersfield.

The meet was sponsored by the Aqua Aces Swim Club, of North Bakersfield, which hosted the IWV and Park Stockdale teams.

Sixty-nine separate events were held with over 300 swimmers competing. Among the outstanding swimmers from the local club were:

Jenny Rungo (girls 7-8 years of age), who captured a gold medal, a silver medal, and two bronze medals; Vicki Rungo (girls 9-10), who took three silver medals; Kathy Brickson (girls 9-10), who won a gold medal, one silver and one bronze.

Dickey Dye (boys 11-12), won one gold medal and two bronze medals; Susan Goettig (girls 13-14), the individual star of the meet, who took home three gold medals and one silver; and Steve Hamm (boys 13-14), who garnered three silver medals and one bronze.

In addition, the IWV relay teams won eight gold, eight silver and eight bronze medals.

Yanks Defeat Giants To Slip Into Little League Major Division Lead

By Leo Rickmers

After just one week of play, the strongest teams in the Major Division of the China Lake Little League have begun to emerge.

Last Monday evening, the Giants surged ahead 3-1 over the Yankees early in their ball game, only to watch their lead disappear behind a strong hitting attack by the Yanks.

The Yanks came on to win, 5-4, after tying the score midway through the game, mostly due to the fine coaching strategy of Bill Lalor.

The last run was scored when Lalor replaced his slow-running power hitter, Tom Atkins,

with Jackie Myers, a speedster, who streaked home with the winning tally after Atkins had smashed a single to get on first base.

The Yanks' victory put them on top in the Major Division of the China Lake Little League with three wins and no losses. They are followed closely by the Dodgers, who sport a 2-0 record.

In other action last Monday, the Pirates, coached by Bob Brown, dropped the Tigers, 8-4. The win pushed the Pirates to third place in the standings with a 2-1 record.

Larry Gilbert pitched a two-hit effort to notch the victory for the Pirates.

Top Awards Presented...

(Continued from Page 1) Center to understand and respond in a timely manner to the evolving needs and priorities of the Navy and its Fleet."

In early 1972, the Chief of Navy Material established an evaluation program to examine the Navy capability to perform the Sea Control Mission and the improvements that will result from ongoing research and development efforts. This program is now known as the CNM "Red-Green" study.

Schaniel was requested by name to lead one of the four working groups of this study because of his reputation for objectivity and ability to deal with controversial issues.

Through the efforts of Schaniel to promote the interaction between organizations involved in the collection of foreign intelligence information and technical organizations involved in the development of weapon systems, the Naval Weapons Center has gained the reputation of being a leader in the area of timely and responsive incorporation of new information on foreign threats into weapon design.

Dr. Pierre St. Amand

Dr. St. Amand's certificate cited him "for his outstanding scientific and entrepreneurial accomplishments including many contributions in the field of weather modification research and developments, which have benefited widely distributed segments of the world. His work has contributed to the advancement of ordnance in fulfilling the mission of the Naval Weapons Center and has added to the stature of the Center."

NWC To Sponsor Symposium At California City

The Naval Weapons Center is sponsoring a symposium on "The Application of Control Theory to Modern Weapons Systems" on May 9 and 10 at the Holiday Inn, in California City.

This symposium was conceived and organized by the NWC Working Group on Automatic Control, and is expected to provide a forum for the interchange of knowledge among Department of Defense Laboratories, industry and universities. The 28 papers on the agenda to be delivered include presentations by representatives of the U. S. Army, Air Force, the National Aeronautics and Space Administration, universities, contractors, and NWC, as well as other Navy activities.

There will be a registration fee of \$6.25 per person, which will cover the cost of coffee breaks and a banquet to be held the first evening (May 9). Dr. C. Scott Johnson, head of the Biophysics Group at the Naval Undersea Center, San Diego, will be the guest speaker at the banquet. The registration fee should be paid upon arrival at the symposium.

NWC personnel who plan to attend should contact Loretta King, NWC ext. 3379, to indicate the number of days they will be at the meeting, and whether or not they will attend the banquet. No overnight accommodations will be available for NWC personnel at California City.

Dr. St. Amand's significant contributions have been related to the development of pyrotechnic devices for weather modification; to the formulation of fundamental ice nucleation theory; to the application of basic scientific principles towards precipitation enhancement in the natural environment; to the modification of hurricanes on Project STORM-FURY; to the major scientific efforts for drought relief of India and the Philippine Republic; to the exercising of dynamic leadership techniques to direct, guide and enthruse the efforts of his colleagues and subordinates in major scientific programs; and to the establishment of the Navy weather modification program and organization.

Recent work with the State of South Dakota (the Rapid City Flood Commission) and with the Organization of American States (the Nicaragua earthquake) are evidences of his stature as a scientist.

Dr. St. Amand has received many honors and awards, but perhaps receipt of the Distinguished Civilian Service Award — the highest Navy civilian honorary award — in 1967, is at the pinnacle of them all. He is a Fellow in the Geological Society of America, and a Fellow in the American Association for the Advancement of Science.

William B. McLean Award

The William B. McLean Award was established in 1968 in tribute to Dr. McLean for his many accomplishments, inventions, and contributions which brought recognition to the Center. It was further established to recognize outstanding creativity among employees in furthering the mission of the Naval Weapons Center as evidenced by the significance of patents granted.

This award is complementary to the Center's highest local awards, the L. T. E. Thompson Award and the Michelson Laboratories Awards.

Dr. William B. McLean was the first to receive the award named in his honor, and there have been three additional receipts.

The McLean Award consists of a medal cast in bronze, honoring Dr. McLean, with the inscription "In recognition of outstanding creativity that contributed to Naval weaponry," and a certificate bearing the individual citation.

Joseph Andrew Mosko

Mosko, an electronics engineer and consultant in the R. F. Development Division of the Electronic Systems Department, was presented the McLean Award "for his outstanding contributions in the invention and development of broadband microwave devices and computer-aided design techniques, enabling the Naval Weapons Center to become one of the country's leading activities in broadband passive radio frequency systems."

Mosko's creativity in the area of broadband radio frequency components represents a fundamental technological advance whose far-reaching applications has resulted in an upgrading of radio frequency systems requiring broadband techniques.



NWC ADVISORY BOARD MEETS HERE — The semi-annual meeting of the NWC Advisory Board was held yesterday and today. In attendance were (seated, from left) C. L. Johnson, Director and Senior Vice-President of the Lockheed Aircraft Corp.; Dr. C. J. Pings, Professor and Executive Officer for Chemical Engineering at the California Institute of Technology; Rear Admiral Henry Suerstedt, Jr., NWC Commander; Dr. W. B. LaBerge, acting NWC Technical Director; Adm. Jackson D. Arnold, USN (Ret.); and Dr. William B. McLean, Technical Director of the Naval Undersea Center. Standing are (from left) Vice Admiral W. A. Schoech, USN (Ret.); Vice Admiral J. T. Hayward, USN (Ret.); Vice-President of General Dynamics Corp.; Dr. W. H. Steier, chairman of Electrical Engineering and Electro-Physics at the University of Southern California; Winfield E. Fromm, Executive Vice-President of AIL, a division of Cutler-Hammer; Rear Admiral L. A. Hopkins, Assistant Commander for Research and Technology, Naval Air Systems Command; B. M. Horton, Technical Director of the Harry Diamond Laboratories, and Dr. S. I. Tanczos, Technical Director in the Office of the NAVALRYSYSCOM Assistant Commander for Research and Technology. Both RADM. Hopkins and Dr. Tanczos were special guests at this meeting of the NWC Advisory Board. —Photo by Bill Fettkether

From 1965 through June 1971, Mosko was assigned problems under the Advanced ARM Technology (ERASE) program.

The objectives of this advanced development program required advances in the state-of-the-art. He has personally advanced the art of broadband direction-finding systems, documented his efforts in technical literature, and become nationally recognized as "the expert" in broadband strip transmission line devices. His background is so extensive as to allow him to analyze and design any of today's numerous types of antenna systems.

Mosko was born in Czechoslovakia and left there in 1944 as the Russians entered the country. He lived in Germany until 1951 when he came to the United States. He became a U.S. citizen in 1956.

Roy Dale Cole

Cole, a research physicist and consultant in the Weapons Systems Analysis Division of the Weapons Development Department, was chosen to receive the McLean Award "for his extraordinary creative ability and originality, as demonstrated at the Naval Weapons Center in his invention of the Angular Rate Bombing Systems (ARBS), an inherently simple and reliable system with resultant important varied and potential applications."

The development of aircraft fire control equipment has long been largely a matter of refining the measurement of the variables which determine the instantaneous and correct release point in space. Once in a generation a big breakthrough is made in a field — a good example is the Angular Rate Bombing System, for which Cole holds the patent.

Perhaps one of the most prophetic statements came from Dr. Marguerite Rogers, Cole's department head, when she presented a Sustained Superior Performance award to him in 1960 and in so doing stated, "Mr. Cole has a mind of great mathematical originality and a real flare for the practical aspects of mathematical

physics."

Cole came to NOTS in 1951 as a physicist in the Development Division of the Aviation Ordnance Department and after a year of educational leave continued to work in that department until 1970 when his code was transferred to the Weapons Development Department.

Reuben Edson Nyswander Nyswander, electronics engineer in the Electronic Warfare Division of the Electronic Systems Department, received the McLean Award "for exceptional technical expertise in the area of radar techniques while at the Naval Weapons Center resulting in originating and perfecting of new techniques in high resolution radar, in particular the operation of magnetrons at high peak power in a short pulse mode."

As a result of his efforts for obtaining short pulsewidth operation from conventional magnetrons, Nyswander virtually opened up a new field of technology

Armed Forces Day Plans Progress...

(Continued from Page 1)

those arranged by the NAF crash crew, target division and ordnance line, the China Lake Mountain Rescue Group, the Research Department's Earth and Planetary Sciences Division, and the Weapons Development Department.

Unification...

(Continued from Page 1)

date for the trustee election, after conferring with local school administrators and trustees. The election probably won't be held until early in the fall, Dr. Blair stated.

In the meantime, Dr. Blair and his staff will visit the local area for a series of meetings and conferences with school administrators for the purpose of answering questions on financial matters and other details connected with the eventual transfer of responsibilities from the presently organized school districts to the newly formed unified school district that will go into operation on July 1, 1974.

with broad areas of system applications.

The simplicity of Nyswander's basic idea coupled with its broad potential application makes his invention one of the most significant at NWC in recent years.

Nyswander has been involved with the research, design and development of magnetrons, RF components, high power pulse circuitry and associated radar components since 1942 — beginning at the Radiation Laboratory, Massachusetts Institute of Technology. From there he went to the Air Force Cambridge Research Center where he continued this technical area of work.

In 1952, Nyswander worked at Goodyear Aerospace on high resolution airborne radar systems and moved, in 1963, to Hudson Labs as a system development resident engineer. In 1968 he came to the Naval Weapons Center, and is currently employed as a senior electronic design engineer in the Missile Radar Branch.

In addition, both Navy and Marine Corps recruiting displays will be set up inside of the NAF hangars, and a Navy search and air rescue helicopter will be on display, as will an Army helicopter.

At Michelson Laboratory, the key attraction on Armed Forces Day will be the remodeled and enlarged lobby which will be open to visitors, as will conference rooms adjoining the lobby, where special exhibits will be arranged. Denny Kline, employed in the office of the NWC Technical Presentations Coordinator, is in charge of this part of the Armed Forces Day program.

Other attractions on Armed Forces Day will include the Weapons Exhibit Center and Maturango Museum, a Scout-o-Rama put on by the Boy Scouts of the Desert District at Schoeffel Field, a Kiwanis Club-sponsored pancake breakfast, and the continuous showing of movies at the Center theater.



FOOT RACES HELD — An integral part of the Spring Olympics was the foot racing competition, held at Schoeffel Field. The 1st Lt. Division, made up entirely of officers, won the 400 yd. relay, while the 800 yd. race was won by the team from the Ground Support Equipment and Fuels Shop at NAF.



VISITORS WELCOMED — One of the few such occasions when the NWC Technical Library has been open to visitors took place last week when an open house was held in order to give all interested employees and their families an opportunity to inspect the Technical Library in its new location. More than 200 persons dropped in at the two-story former barracks building which has been the Technical Library's permanent home since its move from Michelson Laboratory last November. In the photo above, Jim Martin, a computer specialist, is demonstrating an on-line terminal that is used to update computerized files at the Technical Library.

Traps Set Out To Detect Insect Infestation Here

Currently under way and scheduled to continue throughout August is an extensive trapping program for various "hitchhiking" insect pests, including the Gypsy moth, that is being carried out by the Kern County Department of Agriculture in cooperation with both the state and federal Departments of Agriculture.

These traps are being deployed throughout the Naval Weapons Center, as well as in Ridgecrest, in the hope of detecting any infestation by insect pests that may be starting in the local area.

The Gypsy moth larvae (caterpillars), which do all the damage, will attack a wide variety of trees. The newly-hatched larvae will feed primarily on broadleaf deciduous trees, such as oak and elm, while older larvae will whet their appetites on pines and fir trees, as well as roses and holly bushes.

The larvae will completely strip either trees or bushes in a matter of days, and pines and firs will die from a single such defoliation. Other trees are left in a weakened condition making them vulnerable to attack from diseases and other

infections that would not normally bother a healthy tree.

In addition to the traps intended for Gypsy moths, a lesser number of traps for the Japanese beetle



Baited trap used to find infestation. and various fruit flies also will be located in urban areas.

These traps are not harmful in any way to people plants or animals, officials of the County Department of Agriculture emphasize. For further information, interested persons can contact the DofA's Tehachapi office, located at 127 East F St., Tehachapi, phone 822-3236.

Helpers Needed To Build Sets For CLOTA Production of 'Hello Dolly'

Elena Vitale, technical director for the upcoming Community Light Opera and Theater Association's production of "Hello Dolly," is looking for skilled carpenters, painters and others who enjoy handling technical work for little theater programs.

Interested persons should report to the CLOTA hangar, located on the corner of S. China Lake Blvd. and Upjohn Rd., in Ridgecrest, tomorrow at 10 a.m. "We will begin stripping and washing flats in preparation for painting scenes," said Miss Vitale.

Set designer John Pietras has finished the necessary art work and construction will begin immediately on the sets. Miss Vitale and Jack Lindsey, who will direct the production for CLOTA, are interested in completing all construction and painting prior to tryouts, which are slated for June

12, 13 and 14 at the hangar. "Persons who have been involved in technical work in the past are definitely invited to help with this production," said Lindsey. "Volunteers who are new to this type of work also are invited to help," he added.

"Hello Dolly" is slated for production at the Burroughs High School Lecture Center on Aug. 24, 25, 30, 31 and Sept. 1.

Class for Clerks

Enrollment is now open in a creative problem solving class for clerks and secretaries that will be held June 4 through 6 at the Training Center.

Those interested in attending this course should submit NWC Enrollment Form 12410/28 via department channels in time to reach Code 654 no later than Tuesday, May 22.

'Yard Beautiful' Contest Draws Little Interest

Gerry Ray, head of the Operations and Maintenance Branch of the Public Works Department's Housing Division, was puzzled over the lack of response to the China Lake Community Council's "Yard Beautiful Contest," during an interview earlier this week.

"The response to the Housing Division's offer for free paint and fencing materials during the annual Clean-Up, Paint-up, Fix-up Campaign, has been just great," Ray commented. "Yet, according to Don Stanton, who is heading up the Community Council's contest, there has been only one entry in the 'Yard Beautiful' portion of the contest, and a meager four entries into the 'Most Improved Yard' category," he added.

Many Eligible. Stanton also was perplexed and unable to offer a reason for the lack of interest. "I drove through the streets of Wherry Housing the other day, and saw many yards that had been torn up to prepare for new lawns. Anyone who is doing major overhauls such as this could probably enter the contest and win," Stanton said.

The latter reported that there have actually been five entries in the "Most Improved Yard" division of the contest. "One of the entries, however, had been sent in by a tenant's neighbors," he laughed. "I suppose they felt this was a good way to get him to clean up his yard," Stanton added.

Ray pointed out that in the past week, 120 tenants took advantage of the offer of free paint and fence repair materials. "We distributed 511 gallons of paint, 205 4x4s, 187 2x4s, and 916 1x6s," Ray said.

The run on gardening tools and small hand tools at the Housing Division office also has been excellent.

Any Number Could Win

"There's no accounting for the lack of enthusiasm in the Community Council's contest," Ray bemoaned. "There are many beautiful yards on this Center that could probably win. Where is the owner's pride?" he asked.

The clean-up campaign will continue until May 25, and there is still time to enter either the "Yard Beautiful" or "Most Improved Yard" contest. Tenants of the Naval Weapons Center who wish to do so may call Stanton at NWC ext. 6340, or Marion Carter, NWC ext. 3575.

During the final week of the campaign, the Housing Division will sponsor a special trash pick-up service. Tenants should call their particular housing manager at the Housing office to arrange for this service.

"One aspect of the clean-up campaign seems to be lagging behind," commented Ray. "I've noticed that the alleys are still unsightly and full of trash, including broken down automobiles. Tenants should check behind their homes and if the alley needs cleaning up, they should make that item No. 1 on their list of things to do during this campaign," Ray concluded.

Blue Cross Agent Due

Gordon Ellis, the Blue Cross Blue Shield Insurance representative, will be at the Community Center on Tuesday from 10 a.m. until 2 p.m.



JUMP CANCELLED — A member of the U.S. Army's Golden Knights parachute demonstration team, checks wind conditions prior to the cancellation of a scheduled jump last Saturday at the Desert Empire Fairgrounds. The celebrated trick parachutists had planned to stage a demonstration as the opening part of "Gold Rush Days," a promotional event that has been under way in the local area since last Sunday. "Gold Rush Days" will be concluded this weekend with a parade, rodeo and a barbecue. The parachute jump and free-fall demonstration was called off because of gusty winds that would have endangered the participants.

Barbecue, Two-day Rodeo To Climax Gold Rush Days

"Gold Rush Days" will be climaxed this weekend with a parade, a two-day rodeo, a barbecue and entertainment tonight at the Sierra Vista shopping center in Ridgecrest.

On tap tonight, beginning at 7 o'clock, is barbershop quartet singing, a professional fiddlers' exhibition, a country and western music program, and the second eliminations in the costume contest.

Rodeo Queen Nancy Grams, who was crowned last night during a similar get-together at the Ridgecrest Plaza shopping center, will make her first official appearance at the hoedown tonight.

Tomorrow, she will ride in the rodeo parade, slated to get under way at 10 a.m. at the corner of Balsam St. and Las Flores Ave. The parade will head south on Balsam St. to Ridgecrest Blvd., where it will turn west on Ridgecrest Blvd. to Warner St., before dispersing.

The parade signals the beginning of a two-day rodeo, to be held at the Desert Empire Fairgrounds arena, beginning at 2 p.m. both Saturday



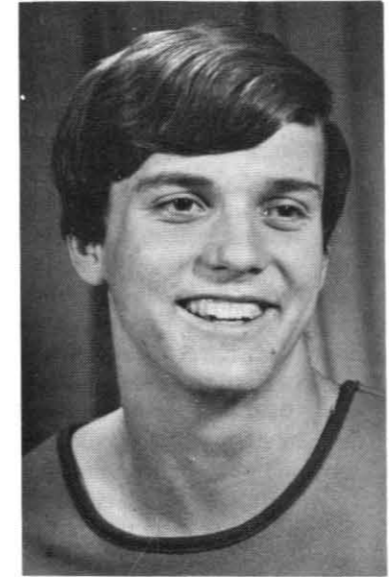
BIKE SAFETY PROGRAM OUTLINED — A copy of the National Safety Council's Bicycle Safety Program was purchased recently by the China Lake PTA, at the suggestion of the Indian Wells Valley Community Safety Council. Shown presenting a copy of this comprehensive booklet to Dr. Sol Spears (at right), superintendent of schools at China Lake, is Mrs. Patricia Noland, newly-installed president of the China Lake PTA, while Mrs. Anne Teppo, Safety Council secretary, looks on at left. The booklet on bicycle safety, which cost more than \$40, is to be reviewed with an eye toward purchasing additional copies if it is deemed worthwhile to have one available at each of China Lake's elementary schools.

Local Youth Accepted For Naval Academy Entrance

Mark B. Ford, son of Mr. and Mrs. Bernard Ford, 430 W. Wilson St., Ridgecrest, has been accepted into the Class of 1977 at the U.S. Naval Academy, Annapolis, Md.

Young Ford was nominated for the Naval Academy by Rep. William M. Ketchum. "Things are a little different now than they were some years ago," the 1973 graduate of Burroughs High School said. "A nomination no longer guarantees entrance into Annapolis," he added.

Ford had to pass a number of qualifying entrance exams. He was



Mark B. Ford

rated on his scores, physical aptitude, physical fitness, and his extracurricular activities.

He achieved scores of 560 in English and 640 in mathematics, which are average for those entering the Naval Academy. His overall rating, which included a verbal examination by a board, his test scores and personality traits, place young Ford in the top 37 per cent among all applicants.

The local youth began thinking about attending the Academy after his father received word that Rick Forzano, the head football coach at Annapolis, was interested in young Ford.

During his four years at

Orthodox Faith Services To Be Held Saturday

Special services will be held Saturday morning for all those of the Orthodox faith — Russian, Greek, Eastern and Orthodox Church of America — in the small chapel at China Lake.

The Third Hour, a time of preparation and confession will begin at 9:30 a.m. with Divine Liturgy scheduled at 10.

Cdr. Boris Geeza, a Russian Orthodox chaplain in the Navy, will come here from Camp Pendleton to conduct these services for all those in the Ridgecrest/China Lake area desiring to attend.

Chaplain Geeza is a graduate of Columbia University and St. Vladimir's Theological Seminary of New York City. He was pastor of the St. Nicholas ROGC Church of Weirton, West Va., for six years prior to entering the Navy. He was commissioned as a chaplain in 1953.

As far as is known, this is the first time services of this kind have been held at China Lake. If there is enough interest, Chaplain Geeza has indicated a willingness to make periodic visits here to help meet the religious needs of this sector of the local community.

Seabee Reservists Return From Training

A group of 32 enlisted men and two officers from the local Sub-unit 11-2 of Reserve Naval Mobile Construction Battalion 17, returned on Saturday, April 21, from two weeks of active duty in Puerto Rico.

Led by Lt. Tom Perch, Commanding Officer, and Ens. Steve Bovee, the Executive Officer, the local Sub-unit joined approximately 600 other Seabee Reservists at Roosevelt Roads Naval Air Station.

While in Puerto Rico, the men worked on repairing sidewalks, renovating warehouses, installing outdoor lights, paving of roads, and extensive rewiring of existing buildings.

One man, Jim Stevens, was placed in charge of building a beach house addition for the Chief Petty Officers' Club and others worked on the construction of a new Naval Exchange at Roosevelt Roads.

"Most of the work was done to prepare for a move from NAS San Juan, which is being closed," said Ens. Bovee. "The entire complement of men at San Juan will be moved to Roosevelt Roads," he added.

The six heavy equipment operators along on the trip were assigned to build a 2,500 yd. cutoff road on the Station. They are Carl Nyholm, Marty Hinojosa, Lewis Pipkin, Robert Hardwick, Bob Dawson and Tony DeLaCruz.

Four of the men, assigned to the weapons squad of Sub-unit 11-2, received weapons instruction and fired the 3.5 rocket mortar, the 81mm mortar and the M60 machine gun at Camp Garcia, a Marine Corps training camp on Vieques Island. They are Leroy Chrisinger, Jerry Morrison, Howard Mavis and Patrick Drake.

Ens. Bovee served as range officer. After receiving instruction on the weapons, they took part in an all-day firing and night demonstration shoot.

The trip was a reward for the officers and men of RNMCB 17, selected as "best of type" for 1972 in competition with Seabee



CPO CLUB ADDITION — Jim Stevens, of the local Sub-unit 11-2 of Reserve Naval Mobile Construction Battalion 17, was placed in charge of the building of a beach house addition to the Roosevelt Roads NAS Chief Petty Officers' Club. Above, workmen take advantage of the Puerto Rican sunshine as they work on the addition.



MUCH PAVING DONE — Men of MCB 17 spread asphalt for a road in front of the Marine barracks at Roosevelt Roads NAS, Puerto Rico. Six heavy equipment operators from Seabee Reserve Sub-unit 11-2, based at China Lake, were utilized on this job, as well as in work on a 2,500 yd. cutoff road at the Puerto Rican Naval Base.

Reserve Battalions throughout the U.S.

beaches are beautiful, but the hotels are expensive. "The men worked very hard, putting in 11 hours each day," he said. "During the two weeks, much was accomplished," he reported.

The Seabee Reservists arrived back at China Lake aboard a specially chartered Boeing 707 jet at 12:30 p.m. Saturday, April 21. "We were glad to be back," said the group's executive officer.



IT'S A PLANE? NO, IT'S SUPER-GUPPY — Jesse Bell, head of the Supply Department's Material Division, was faced with a transportation problem which he solved recently by renting a B-37-5G Super Guppy from the Aero Spacelines, Santa Barbara. The problem was, "How to transport a CH53 Sea Stallion helicopter (photo at left) from the Army Proving Ground, Yuma, Ariz., to China Lake." The helo, given to Code 3014 for use in the test installation of advanced systems, was 67 ft., 2 in. long, 15 ft., 7 in. wide, and 18 ft., 6 in. high. "We would have had to dismantle it, ship it, then reassemble it here by any other method of transportation," Bell explained. The gift helicopter is a "stricken" aircraft (not flyable). In the above photo, personnel of the Public Works Department are getting set up to remove the helo from within the bowels of the gigantic cargo aircraft and transport it to its test use location behind Michelson Laboratory.