



LIBRARY HAS SPECIAL STORY HOUR—Susy Kitowski, Foreign Exchange Student at Burroughs High School from Montevideo, Uruguay, tells a story to a group of children at the Center Library. Saturday, February 20, at 1 p.m., Mrs. Marj Cruise will present a story hour at the Center Library for children ages 5 - 9. Songs and stories commemorating famous men and events in the history of the United States will be the theme of the story hour. —Photo by PH2 D. E. Hart

CPO Club Reports 'Sellout' Of Annual Military Ball

George L. Barnard, manager of the Chief Petty Officer's Club, has announced "a complete sellout" of the annual Military Ball on Saturday, February 20.

Honored guests for the evening are RAdm. William J. Moran, NWC Commander, who will deliver an address to the attending crowd; Capt. A. E. May, NWC Deputy Commander; Capt. R. E. McCall, Commanding Officer of NAF, and Capt. C. "Tex" Birdwell, Commanding Officer of VX-5, and their wives.

Attendance is limited to active duty CPO's and their respective

service components, retired CPO's, and retired service personnel in pay grades E7, E8, and E9.

The festivities will begin at 6 p.m., with dinner served at 7 p.m. Dancing to the COMNAVAIRPAC Band will begin at 9 p.m.

Soc. Sec. Rep. Here, Feb. 24

The Social Security representative will be at the Community Center Wednesday, February 24, from 9:30 a.m. to 11:30 a.m. according to Ann Seitz, manager of the Center.

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 (GP) - ALL AGES ADMITED Parental Guidance Suggested (R) - RESTRICTED Under 17 requires accompanying Parent or Adult Guardian

19 FEBRUARY 1971 "SON OF FLUBBER" (102 Min) Fred MacMurray, Nancy Olson 7:30 p.m.

(Comedy) That absent-minded Professor is back again. This time with the problem of saving his school from being torn down by an old skinflint who forecloses. (GP) Short: "Father's Day Off" (7 Min) —MATINEE—

20 FEBRUARY "THE BIRDS DO IT" (89 Min) Soupy Sales 1:00 p.m. Short: "Dog Cat & Canary" (7 Min) "Mickey and the Seal" (7 Min) —EVENING—

"80 STEPS TO JONAH" (107 Min) Wayne Newton, JoVan Fleet 7:30 p.m.

(Drama) Wayne's an itinerant grape-picker, on the lam from an unjust hunt by the police. He stumbles upon a ranch for blind children and plays a modern Pied Piper as he helps them conquer some problems. (G) Short: "Quack Shot" (7 Min)

SUN and MON 21-22 FEBRUARY "C.C. AND COMPANY" (94 Min) Ann Margret, Joe Namath 7:30 p.m.

(Cycle Drama) "Broadway Joe" plays the likeable member of a tough motorcycle gang, at odds with its leader, who falls for a fashion editor who is using the cycle track for a layout. (R) Short: "Pitching Wedge" (9 Min)

TUES and WED 23-24 FEBRUARY "EL CONDOR" (102 Min) Jim Brown, Lee Van Cleef 7:30 p.m.

(Western) Fast and furious action, sprinkled with comedy, has partners trying to take Maximilian's fortune of gold bullion from a fortress in Mexico by using a pretty girl as a lure. (R) Short: "Slink Pink" (7 Min)

THURS and FRI 25-26 FEBRUARY "THE EXECUTIONER" (111 Min) George Peppard, Joan Collins 7:30 p.m.

(Spy-Adventure) Intricate twists and turns make this thriller something special! A spy tries to prove that a high intelligence officer has sold out to the enemy as the cold spy war gets red hot! (GP)



PHOTO LAB SUPERVISOR—PHI Don C. Mandersheid has recently assumed the duties of ROCKETEER photo lab supervisor. He is to be contacted on all photo work handled by the ROCKETEER staff that is not generated by the editorial group. Don reported to the Center recently from NATTU Pensacola where he attended the Navy's Advanced Photography School. He served a prior tour at the Center while connected with the Naval Air Facility.

Last Part Of 'Black Man In Navy' Series

(Continued from Page 5) disappointed at having to give up my practice."

But his attitude soon changed. "I had a great deal of respect for my co-workers" in Navy medicine, he says, "and found that I not only liked my work very much, but the Navy as well. I guess 'infatuated' best describes my attitude."

So when his two-year obligation was up, Dr. Green extended for six months—then for four years—and finally applied for and received an indefinite extension.

After his first duty at the Naval Gun Factory, Washington, Capt. Green went to the Naval Hospital San Diego as officer in charge of a mobile X-ray unit. This duty started him working on the specialty that led to certification as a radiologist.

All applicants for certification by the American Board of Radiology must complete three years of specialized training and one year of practice in radiology, plus written and oral examinations.

Looking forward to his eventual return to civilian life, Capt. Green again shows he believes in his philosophy of success. "As a radiologist," he says, "there's no reason in the world why I can't build a successful private practice."

Environment Campaign . . .

(Continued from Page 1)

94720. China Lake is one of the areas researched during preparation of this booklet which includes an extensive list of trees, ornamental shrubs and ground cover with brief descriptions of their growth habits. A glance through quickly reveals that imagination and variety can be introduced into landscaping yards at China Lake with predictable success.

ACCENT ON ENVIRONMENT includes beautification of the community as well as clean up and fix up. Now is the time to plant bare root roses, summer bulbs, and add some interest and variety to its appearance.

Form with fields for 'From', 'TO', and a 'STAMP' box.



FRACTURED FOLLIES SUPPORTER—Tom Mather, manager of Arden Farms Dairy Products which supplies milk for the China Lake Schools, writes a check for the first ad purchased from PTA for its "Fractured Follies of '71" program booklets. PTA vice president Dan Meraz (left), president Cheryl Thurm and program booklet chairman Bill Stokes (right) watch the check signing. Proceeds from the sale of such ads will be used to send needy children to summer camp. The Fractured Follies talent revue will be presented April 23 and 24 at the Burroughs High School Lecture Center. —Photo by PH2 D. E. Hart

Future Policy Explained By SECNAV Chafee

The Navy has made a major policy decision in face of a reduced Defense Department budget: Hold the line as best possible for the present and put the emphasis, and money, on the future.

That is the way Secretary of the Navy John H. Chafee explained it to the Commonwealth Club of California in San Francisco, January 15.

Secretary Chafee's address included a complete rundown of Soviet capabilities at sea with emphasis on their "strongest arm"—the submarine fleet of some 350 subs of which 85 are nuclear. In comparison, the U.S. is building four submarines a year and have 146 in all.

He made these points about the Soviet fleet: Soviet submarines, like our Polaris, armed with long-range missiles, are known to be on patrol off our Atlantic and Pacific coasts.

Although the Soviets don't fly fixed-wing planes from ships, since they have nothing comparable to our attack carriers, they do have a very capable naval air arm which operates from fields ashore.

A third arm of Soviet sea power is the fishing fleet, with some 20,000 sea-going boats, almost all new.

In the field of oceanography, the Soviet fleet of more than 150 research vessels is by far the largest in the world and lends direct support to their powerful submarine force.

In the face of this threat, the Navy has made its decision—hold fast for the present and put the emphasis on the future.

Secretary Chafee explained: "We have made the decision to retire many of our older ships now and put the money saved into research and development and the construction of new, much more capable ships and planes for the final decades of this century."

"Thus, we have put procurement of new ships, weapons, systems ahead of the maintenance of large forces at sea right now. We have invested in research and development in order to have more ways to counter the developing Soviet threat."

"We are investigating and developing such dramatically new and promising concepts as hydrofoil ships and surface effect ships which ride on a bubble of trapped air just above the surface. Both are capable of very high speeds, which multiplies their effectiveness both offensively and defensively."

"Our new submarines will be faster, quieter, deeper-diving and better armed than any at sea. "We are investing in intelligence, surveillance and command and control, the sort of things which provide us with the information and the ability we need to make the best possible use of our smaller but more effective forces."

"We are putting more money into electronics, which is rapidly becoming so important that any war in the future may well be lost or won on that issue alone."

"And finally, and most important, we are investing in our people."

"We are, in other words, cutting back as far as we feel is safe on present-day forces so that we will

(Continued on Page 7)

ROCKETEER logo with globe and NWC, Vol. XXVI No. 7, Naval Weapons Center, China Lake, California, Feb. 19, 1971

Inside . . . WIFE SURVEY . . . 2 CLOTA AWARDS . . . 4 SPORTS . . . 6 RAILROAD CLUB . . . 7 SHOWBOAT . . . 8

Condor Program Records First Successful Live Warhead Flight



PROGRAM PRINCIPALS—Members of the technical team that was responsible for the recent successful CONDOR shot at San Clemente Island are shown above with the missile. Left to right, they are: John Kane, North American Rockwell's Test Director; and Fred Koperski, Ray Blackwell, Ralph Disch, Mel Creusere, Earle Roby, Jack Crawford, and Nadim Totah of NWC. Not present from NWC were Mel McCubbin, Jim Rudeen, and Jack Yeakey. Nadim Totah, of the Weapons Development Department is the CONDOR Project Manager for NWC.

Direct Hit Made On Target At San Clemente Is.

The first successful launch of the AGM-53A Condor missile equipped with a live warhead was reported recently by project personnel at the Naval Weapons Center, who stated that the missile acquired and severely damaged a surface ship during a test that was conducted February 4, 1971.

Launched from a Grumman A-6 aircraft manned by a North American Rockwell crew, the electro-optically guided missile was fired against a decommissioned destroyer escort, the ex-USS VAMMEN, which was moored in the target area off San Clemente Island.

The Condor missile scored a direct hit on the designated aim point amidstships; all test objectives were met.

Simulating combat conditions, the launch demonstrated the Condor's capability to attack and destroy targets without subjecting the launch aircraft or its crew to hostile air-defense firepower.

According to Nadim Totah, Weapons Development Department Program Manager, the test again demonstrated the unique capability of the missile to achieve pinpoint accuracy on a target from a distance of many miles. Earlier, a target had been similarly acquired and hit at the Naval Weapons Center on October of 1970. (Continued on Page 3)

ACCENT On Environment Moves Ahead

Response of China Lakers to the last weekend's opening of ACCENT ON ENVIRONMENT is great reports Housing Manager C. J. Fallgatter. More than 70 residents agreed to fix up unsightly fences or garages, or to permit their removal at no personal expense.

How many defunct do-it-yourself projects are stored in your yard? Now is the time to rid out and dispose of useless items. How long would you keep it if you had to pay taxes on it?

To cooperate with residents who wish unsightly fences, sheds or garages removed, the Housing Office has already issued 35 requests to Public Works for removal and demolition of eyesores. As our ACCENT ON ENVIRONMENT movement gains momentum on the Center many more unsightly structures of all kinds will disappear from the local scene.

Clean-up of back alleys and no man's land areas was commenced this week by contract. To assure a complete cleaning of these public areas the contractor is geared up to make speedy pick up of trimmings and bulky refuse.

All residents are urged to inspect trees on their property. If interference with overhead utility lines is a problem residents may either prune trees themselves or call the Housing Office for assistance. Dead or diseased trees should be removed promptly. During ACCENT ON ENVIRONMENT a call to Extension

2082 will get such trees removed at no expense to residents. An excellent booklet on trees and shrubs adaptable to the desert region may be obtained free of charge from the University of California Agricultural Service.

This is Bulletin 839, "Ornamentals for California's Middle Elevation Desert" available by writing Agricultural Publications, University Hall, University of California, Berkeley, California (Continued on Page 8)



AT EXHIBIT—Dean Bare (r) of Code 3505 at NWC, explains details of the SHRIKE missile to an interested Air Force officer at the AIAA-DOD Tactical Missile Seminar held recently at the Army's Air Defense Center at Fort Bliss, Texas. A

significant number of NWC programs were represented by exhibits including BULLDOG, SIDEWINDER, AND WALLEYE. The exhibit portion of NWC's presentation was coordinated by Ray Sinnott, Code 7524.



NAVY EXCHANGE OFFICER COMMENDED—During ceremonies held in the Commander's office last week, RAdm. W. J. Moran, NWC Commander, presented the Navy Commendation Medal with Combat "V" to Lt. Herbert D. Bennett on behalf of the Secretary of the Navy, Hon. John H. Chafee. The citation was for meritorious service while serving with friendly foreign forces engaged in armed conflict against the North Vietnamese and Viet Cong in the Republic of Viet Nam from July 1969 to July 1970. Lt. Bennett entered the Navy 23 years ago and attained the rate of Chief Yeoman by the time he received his commission in October 1964. His current duty as Navy Exchange Officer marks the second time he has served at NWC. Mrs. Bennett also attended the ceremony.

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 172 should be submitted bringing your work history up to date if one has not been submitted within the last 6 months. The fact that positions are advertised in this column does not preclude the use of other means to fill these positions. Part of the ranking process of those rated as basically qualified will be a supervisory appraisal form that will be sent to the employees present and most recent previous supervisor. Selection shall be made without discrimination for any nonmerit reason.

Supervisory Fire Fighter (General), GS-081-06, 1 Vacancy, PD No. 784009, Code 842—This position is that of Crew Chief. The incumbent will be responsible for a major piece of motorized fire fighting apparatus and its crew; answers fire alarms, instructs crew in operation of fire equipment in all phases of fire fighting; directs the fighting of fires in the absence of higher authority. Minimum Qualification Requirements: Three and one-half years of fire fighting experience and at least six months of which will be at the next lower grade. Applicants should demonstrate supervisory aptitudes. One year at the GS-5 level is required by the Whitten Amendment. File applications for the above with Linda Grossman, Bldg. 34, Room 204, X-2925-2676.

Secretary (Typing) PD No. 455005, GS-318-5, Code 554—Position is that of secretary to Head, Mechanical Division. Responsibilities and duties include receiving visitors and screening telephone callers. Maintains Division calendar. Arranges for meetings and conferences. Receives and reviews incoming correspondence. Prepares various inter-division memos. Provides various statistical and technical material upon request. Types correspondence, reports or forms from rough drafts or dictation. Establishes and maintains office files. Performs other administrative duties as assigned. Minimum Qualification Requirements: 3 years clerical experience, 6 months of which has involved responsibility for serving as the principal personal office assistant to a designated supervisor, and which has included participation in the work of the supervisor through a close and direct working relationship. Job Relevant Criteria: Ability to express self both orally and in writing. Experience in dealing with individuals with diverse interests and occupational backgrounds. Demonstrated typing ability. Demonstrated ability to take dictation or use DMT.

File applications for above with Joan Macintosh, Code 457, Extension 3271. Electronic Engineer, GS-585, General Engineer, GS-801, or Physicist, GS-1310-10 or 13, Code 3507—The position is located in the Standard Arm Program Office, Code 3507, and reports directly to the production manager. The position requires someone who can seek out and accomplish work with a minimum of direction. Must be proficient in communicating problems. Must be capable of remaining objective and operate efficiently under pressure. Job Relevant Criteria: Must have a working knowledge of commercial practices and military requirements in the fields of failure diagnosis and corrective action implementation; assembly technique; process controls; quality assurance and reliability. Design experience in processing missile guidance and control information is helpful, but not required. Minimum Qualification Requirements: 3 years professional experience in job relevant experience. File application for above with Sue Prasolowicz, Bldg 34, Rm 206 ext 2577.

Mechanical or General Engineer, GS-9-11-12 (2) Positions, Code 451—Position is located in the Warhead Development Branch. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: Depending on grade level, increasingly more experience or educational background in warhead development. A strong mathematics background is desirable as is knowledge of explosive phenomena and theory. Design experience with metals is highly desirable. File above applications with Pat Gaunt, Bldg. 34, Room 202, Phone 2723. Supervisory Supply Clerk, GS-2005-05, Code 25753—In a supervisory capacity, insures prompt processing of receipt documents and delivery of material to meet established schedules. Trains subordinates in processing of documents and in key punch operations and procedures. Minimum Qualification Requirements: One year of general clerical or office experience plus two years of specialized experience in supply work or closely related activities. Job Relevant Criteria: Must have working knowledge of the key punch machine. Supervisory General Supply Specialist, GS-2001-11, PD 7125009, 2571—Position is Head, Customer Service Branch, Control Division, Supply Department. Incumbent is responsible for technical services to Center departments related to Supply problems such as substitution, sources of needed items, interpretation of specifications, etc. Also responsible for coordination of special high priority requests which must be passed normal supply channels. Minimum Qualification Requirements: 3 years of general experience

Navy Wives Surveyed

Distaff Side Sounds Off

Too much separation! Too little pay! Over 10,000 Navy wives poled their opinions about separation, pay and other areas of Navy life in a recent Navy-wide survey conducted by the Navy Wifeline Association, Washington, D.C.

Admiral Elmo R. Zumwalt, Jr., Chief of Naval Operations indicated that "the findings of this poll are being put to great use by those Navy managers responsible for plans and policies." Admiral Zumwalt hopes that this poll is "just the start of a continuing exchange of communication between Navy wives and the Chief of Naval Operations". The survey results follow:

Table with columns: WIVES RESPONDING, OFFICER, ENLISTED. Rows include: HUSBANDS ARE staying until retirement (70% vs 40%), regular Navy (83% vs 95%), average time in Navy (12 years vs 5 years); WIVES ATTITUDE pleased to be in Navy (69% vs 37%), happy when husband leaves Navy (5% vs 35%); UNFAVORABLE ASPECTS OF NAVY LIFE husband absence from home (16% vs 38%), separation over half of marriage because of duty (one-half vs two-thirds), amount of husband's pay think he is underpaid (one-half vs two-thirds), length and/or frequency of deployment (one-half vs two-thirds), Availability of permanent government quarters (one-half vs two-thirds), lack of dental care for dependents; MOVES Travel Allowance inadequate (40% vs 40%), High Cost of Living Areas can follow husband (90% vs 80%), creates serious money problem (17% vs 29%), Household Goods Office satisfied with service (83% vs 64%), Desire advance information on base facilities (25% vs 22%); HOUSING are now living at or near husband's duty station or homeport (90% vs 60%), have not lived in Navy housing in last 5 years (49% vs 69%), Housing Referral Office never heard of it (27% vs 50%), Wants more living space and better maintenance in Navy Housing (20% vs 6%); FAMILY SERVICE CENTER Never heard of it (16% vs 41%), Users who thought it was helpful (47% vs 28%); NAVY RELIEF SOCIETY Never used it (80% vs 70%), Services most used: financial aid, thrift shop (80% vs 70%); DEPENDENTS DENTAL CARE cannot afford (8% vs 36%), lack of Navy dental care creates financial hardship (55% vs 37%); DISPENSARY-OUTPATIENT CLINIC desire decreased waiting time to see doctor (43% vs 41%), desire more personalized care (23% vs 17%); COMMISSARIES - Improvements desired items well stocked (28% vs 20%), increase hours open for night shopping (17% vs 30%), reduce check-out waiting time (23% vs 12%); EXCHANGES - Improvements desired items well stocked (29% vs 10%), more variety in items (25% vs 18%), items I can better afford (9% vs 32%); FAMILY EMERGENCY WHILE HUSBAND IS AWAY contact husband's C.O. first (20% vs 40%), contact the Red Cross first (40% vs 20%); Other contacts: Navy Chaplain (Neighbor); NAVY WIFELINE NEWSLETTER Write: Navy Wifeline Association (100% vs 100%), Navy Yard, Building 210 (100% vs 100%), Washington, D.C. 20390) Not familiar with publication (46% vs 79%), Familiar with Wifeline Survey (100% vs 100%)

Model Railroad Club Gets Rolling

Group Seeks New Members

The freight train comes roaring out of an overpass and across a trestle over a river. As it approaches a desert tank town, the big Berkshire engine emits a scream from its piercing whistle and the train rattles through the small village, on its way "down the line."

The Atchison, Topeka & Santa Fe, right? Wrong! It's the Indian Wells Valley Model Railroad Club putting some of its rolling stock through the paces.

Rick Brodeur, a spokesman for the Club, took a ROCKETEER photographer to the clubhouse, located at Bldg. 440 on McIntire Street, to illustrate what the club has accomplished since August of last year. Although the local model railroaders have been active for approximately four years, they have encountered some difficulty in obtaining a permanent place to build a layout. However, last August that problem was solved and they are now hard at work building a permanent layout on which to run their trains.

The club consists presently of eight members. It meets on Thursday nights at 7:30 p.m. and the general idea behind the group is to "... promote the interaction of model railroading ideas and information among members of the club," according to Brodeur.

The current layout includes a double mainline set (two tracks running parallel) with plans to extend the layout completely around the outside perimeter of the room, rather than on a table in the center. The layout, when finished, will run 26ft. x 15ft. x 26ft. x 15ft. "Ultimately, up to six trains may be operated simultaneously on the present set up, once the transformers are installed," Brodeur said.

Future plans include adding an interurban line, and an HO-N3 mine, or logging track (narrow gauge), which is a different scale than the present HO gauge.

"We have put in over 100 hours constructing the layout," Brodeur said. "Members of the club build, or install, every integral part of the layout, including trees, buildings, people, automobiles and scenery."

Another goal of the club is to enlist more members. The present group consists of Bob Keyser, Jr., president; Lil Keyser, Vice President; Steve Bovee, secretary-treasurer; Ray Alger; Leonard deGeus; Bob Calloway, and Brodeur.

Persons interested in joining the club are invited to call Keyser at 372-4897, or come to the clubhouse on the meeting nights.

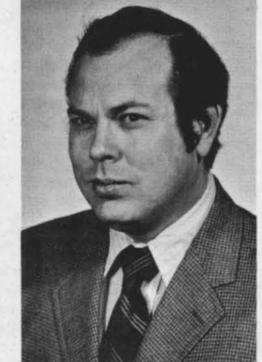
Red Cross Plans Course For Instructors

Registrations are now being taken for a Red Cross First Aid Instructor's course. Anyone who wishes to qualify to teach first aid who holds a currently valid Red Cross advanced first aid or first aid instructor's card please contact Dr. Carl Heller, ext. 3192, to register.

NWC Scientist Awarded PHD From Riverside

Peter G. Krueger, a member of the Weapons Systems Analysis Group in the Systems Development Department, was awarded a PhD in Physics by the University of California at Riverside at the end of its 1970 Fall quarter.

Krueger did his doctoral research under Professor L. J. Bruner of the University's Physics Department, investigating the impedance of the silver bromide membranes in the presence of non-aqueous electrolytes, and in particular, the electric space charged distribution that arises at the boundary between a crystalline solid and an electrolyte. His graduate studies at the university were begun in the Fall of 1964



DR. PETER KRUEGER under a BuWeps Fellowship and continued the following two years under a NOTS Fellowship. From the Fall of 1967 to June of 1969, he served as research assistant to Dr. Bruner. During the final year of his doctoral program he worked half-time at NWC Corona while completing his doctoral research and writing his thesis. He returned to China Lake to full-time employment in May 1970.

Dr. Krueger received his Bachelor of Arts degree from La Sierra College (now Loma Linda University) in June 1962 and became a NOTS employee immediately thereafter. He was a recipient of a Master of Science degree in Physics in 1966 at the University of California at Riverside.

The Kruegers, Peter, wife JoAnn, and three children, Richard, Barbara and Beverly, reside at 206-A Byrnes.

Art League News

The Desert Art League will meet on Monday, February 22, at 8 p.m. at the Community Center with James Casey as guest demonstrator. Casey is the art instructor at the California Correctional Institute at Tehachapi. He will give a demonstration of silk screening and it is the first time that the Art League has had a program on this technique.

Casey is a graduate of Woodbury College in Los Angeles and has done post-graduate work at Art Center and Jepson Art Institute in Los Angeles. He has also studied under Rico LeBrun, painter; Frances DeArley, illustrator; and Guy McCoy, serigrapher. In addition to his silk screen work, he is also an accomplished painter and specializes in acrylics and traditional oils.

PROMOTIONAL OPPORTUNITIES

(Continued from Page 2)

in administrative, professional, investigative or other responsible work which has provided supply knowledge, plus 3 years of specialized experience which provided him with the knowledges needed to function in the areas shown above. Job Relevant Criteria: Requires extensive knowledge of the Naval supply system and a well rounded knowledge of all types of material ordered by the Naval Weapons Center.

Contract Price Analyst, GS-1102-11, PD 7125008, 252—Incumbent conducts detailed price analysis on contracts, subcontracts and contractor's proposals. Reviews sub-contracting methods and qualifications of contractors. Conducts surveillance of contractor purchasing policy and fee structure. Reviews projected labor rates and production methods. Verifies prices submitted by contractors for reasonableness and compliance with contract provisions. Minimum Qualification Requirements: 3 years of general experience which provided general knowledge of contracting and procurement practices and procedures; plus 3 years of specialized experience in such activities as contract negotiation or administration, estimating manufacturing costs, industrial cost accounting, industrial or management engineering, etc. Job Relevant Criteria: Knowledge and/or routing of incoming work to the appropriate person in the branch and maintaining Branch files and records. Minimum Qualification Requirements: One year of general experience for the GS-3; 2 years for the GS-4. Job Relevant Criteria: Knowledge of supply procedures and requirements is desired. Advancement Potential: GS-3 to GS-4.

Clerk-Typist, GS-322-3-4, PD 725045, 2575—Duties include typing memos, reports, notices and instructions. Reports require significant knowledge of the work of the Branch. Also responsible for routing of incoming work to the appropriate person in the Branch and maintaining Branch files and records. Minimum Qualification Requirements: One year of general experience for the GS-3; 2 years for the GS-4. Job Relevant Criteria: Knowledge of supply procedures and requirements is desired. Advancement Potential: GS-3 to GS-4. Clerk-Typist, GS-316-4, PD 716004, 4002—Provides clerical support to the Research Department administrative staff. Duties include typing budgetary information, technical correspondence forms, reports from tapes, acting as alternate control point for classified documents, assisting in maintenance of department files and records, and other general clerical duties as required. Minimum Qualification Requirements: Two years of appropriate experience which included use of the dictating machine. Job Relevant Criteria: Familiarity with scientific terminology is desirable.

File applications for above with Naomi Campbell, Bldg. 34, Rm 206, Ext 3118.

SECNAV Tells Future Policy

(Continued from Page 1)

have the modern Navy we will need in the future. "We all sense a mood in this country that demands more federal funds for domestic purposes—for schools and hospitals, for health care and housing, for pollution clean-up in our air and water—objectives that everyone in this room is for also.

"I am as concerned about these things as anyone. "But, some vigorously proclaim that these objectives can all be paid for by spending less on defense. Why bother having so many soldiers, sailors and airmen, ships, bases and planes? The defense establishment can be cut way back, say the tempting persuaders.

"These understandable arguments and yearnings have been voiced throughout history, most recently and strongly in this country in the 1930s. And we all know the result—a weak America, an attractive target and a war that cost thousands of times in dollars and suffering than proper preparation would have cost. "To preserve peace costs money, effort, determination and preparedness."



Church Women Plan World Day Of Prayer Local Celebration

Church Women United in the Indian Wells Valley will celebrate World Day of Prayer on Friday, March 5, at the All Faith Chapel with Inyokern Methodist and Protestant Women of the Chapel acting as hosts.

Following a coffee hour at 9:30 a.m. in the East Wing, the worship service will begin in the Main Chapel at 10 a.m., with participants from the various churches taking part in the program. Special music will be played by Mrs. Dovie Leonard and Mrs. Joan Fowler. Nursery care is provided at Dorm 1 across from the Station Restaurant.

1971 marks the 84th year of the ever-widening celebration of World Day of Prayer. Church women in 25,000 communities in America will unite their prayers with women in 155 countries on six continents to

affirm faith, hope and love in facing issues and needs of today and tomorrow.

The nation-wide offering is committed to helping others through Inter-continental Mission on six continents. Special emphasis this year is being given those new efforts which proclaim the Gospel, such as adding some ministries in the national parks. Funds from this year's offerings will continue to help print "80 miles of children's books" and subsidize children's and women's magazines in Korea, Argentina, Mexico and India.

Action on the home front will be continued with help to the migrant farm workers, aid to American Indians and Spanish-speaking people in both urban and rural situations.

The invitation to this service is open to all interested persons.

The Rocketeer

Official Weekly Publication U. S. Naval Weapons Center China Lake, California

RAdm. W. J. Moran, USN NWC Commander

H. G. Wilson Technical Director

K. H. Robinson Head, Technical Information Department

William P. Valenteen, Jr. Editor

Jack C. Lindsey Staff Writer

Lucille Edwards Editorial Assistant

DIVINE SERVICES

Protestant (All-Faith Chapel)—Morning Worship—10:00 a.m. Sunday School—8:30 a.m., Chapel Annexes 1, 2, 4 (Dorms 5, 6, 8) located opposite Center Restaurant.

Roman Catholic (All-Faith Chapel)—Holy Mass—5:00 p.m., Saturday (Fulfills Sunday obligation); 7, 8:30 and 11:15 a.m. Sunday.

Daily Mass—11:30 a.m. in Blessed Sacrament Chapel. First Saturday, 8:30 a.m. Confessions—4 to 5 p.m. Saturday, and 8 to 8:25 a.m. Sunday.

NWC Jewish Services (East Wing All-Faith Chapel)—8 p.m. every first and third Friday.

Sabbath School—10 a.m. to noon, every first and third Saturday.

Unitarian Fellowship—(Chapel Annex 95, 95 King Ave.)—Sundays, 7:30 p.m.

PHCS C. E. Bruce, PH1 D. C. Manderscheid, PH2 Delmar E. Hart, PH3 Anthony Curiale, PH3 Ronald G. Mills. Staff Photographers

DEADLINES: News Stories... Tuesday, 4:30 p.m. Photographs... Tuesday, 11:30 a.m. The Rocketeer receives American Forces Press Service material. All are official U.S. Navy photos unless otherwise identified. Printed weekly with appropriated funds by a commercial firm in compliance with NavExos P-35, revised July 1958. Office at Nimitz and Lauritsen. Phones... 3354, 3355, 2347

Help Line One Crisis Intervention CALL 446-5531

Ziegler Scores 29 Points In Losing Effort

VX-5 couldn't contain Gary Ziegler, as the China Lake Basketball League's leading scorer tallied 29 points, but the Vampires were able to shut off the Pioneer fast break and roll to an 82-61 win in the four-team scramble for third place.

VX-5 opened up a 22-10 lead at the end of the first quarter, as Ziegler hit all five shots he took in the period. But the Vampire defense prevented the Pioneers from scoring easy baskets and controlled the boards throughout the game.

The Pioneers closed the gap to 41-36 half way through the third quarter, but VX-5 eventually pulled away early in the fourth period.

Bill Hogan led the Vampires with 27 points, with help from Roger Stewart (18), Doug Karpstein (16) and George Bistline (13).

Ace TV maintained its hold on second place by winning twice. Ace took a 22-8 first quarter lead and proceeded to roll over California Telephone, 76-34.

Gordy Irvin was the game's leading scorer with 21 points. Later in the week, Ace found the range against the Chaparrals almost as effectively and won, 72-34. Tim Higgins led a balanced attack with 14 points, followed by Jim Bevan with 11.

Mike Tosti's 25 points carried Bud Eyre to a 60-37 victory over the Pins and Needles and kept the Bud Eyre squad in contention for third place. Adrian Montano was the Pins and Needles leading scorer with 10.

The Wallbangers continued their winning ways with a 54-28 victory over CTC. Mick Rindt paced the Wallbanger attack with 15 points, followed by Bob Campbell with 11.

The Loewen's Lions moved closer to their second straight league championship by outrunning NAF, 67-43, and pounding the Hustlers, 80-27. Darrell Johnson took scoring honors against NAF with 17, while Garry Clark (26), Jimmy Ayers (15) and Nelson Walts (14) paced the victory over the Hustlers.

Dave Taylor and Carl Hall teamed up for 37 points as the Saints defeated the NAF Officers, 56-21. Taylor scored 21 and Hall 16 as the Saints won their fifth game in their last six outings.

In the tightest contest of the week, Food Service edged Genge, 54-53, despite a 21-point performance by Genge's John Martin.



Premier Cold As Army Camped At Valley Forge

As George Washington said, "I cannot tell a lie." On that famous man's "other" birthday, the Premier League had its worst night of the season. Only four bowlers distinguished themselves on a night which saw Ace-TV lose two more games to Ridgecrest Lanes and B&F Liquor, who each won three, and slipped back one game to a hard-charging Boyd's Auto Parts, who beat the league leaders twice.

Benny Whiteside shot a 236 single enroute to a 625 series, while Bobby Lockwood rolled a 238, high for the night. Ev Yelland had a 224 and AC Winslow hit 228.

NAF won two games from Tom's Place but slipped half a game behind the B&F Liquor quintet, who have now won 10 of their last 12. In the other match of the evening, Allied Automatic Vending won two games from Mercury Movers.

Koffee Klutchers
Lou Richno (517) and Mary Shepard (196) led the league in individual scoring, while the Scatter Pins with a 764 and the Alley OOps, with 2161, led team scoring.

Women's Scratch
Pat Stone rolled a 211 game enroute to a 552 series to lead the girls last Monday night in their scratch league. Rosie Pelley had a 551 and Jeanne Crom a 543 for some other highlights. Jeanne rolled a 204, Darlene Herbstreit, 203, and Rosie had a 200 for some individual games.

Friday Mixed Foursome
Thad Brightwell shot a 626 series on the strength of a 237 and a 201 to lead the male scoring last Friday.

Little League Sign-Ups Set
Parents of boys who intend to play Little League ball this season are reminded that sign-ups will be held at Groves School on Wednesday, February 17; Tuesday, February 23; and Tuesday, March 2, from 7 p.m. to 9 p.m. all three dates.

In addition, sign-up cards will be available in the area's schools prior to the registration dates.

According to Dick Hughes, president of the China Lake Little League, managers, and members of the boards of directors will be needed for the 1971 season.

Volleyball To Start March 23
The 1971 intramural volleyball season is scheduled to get underway March 23 and entries are now being accepted for the upcoming season.

Team rosters are not to exceed 12, including coach and managers. All military and civilian employees of NWC are eligible to participate in the league.

Entry deadline is March 17 at 4:30 p.m. Entries should be submitted to the Special Services Office at 76 Bard Street.

Bill Tomaras had a 614 and Jack Brown rolled a 623. Tomaras rolled 202 and 230 while Brown had a 201 and 265. Mike Crom rolled a 203, Allen Smith a 226 and Chuck Cutsinger a 224.

Rosie Pelley's 540 was enough to outshoot the rest of the ladies. Maggie Branson rolled a 520 and Wanda Billings 519. Alice Cutsinger had a 500.

Mary Netzer shot a 208 single game to top all others.

Junior-Senior
There were many fine scores in this league last Saturday, including: Ernie Herbstreit, 187-489; Jerry Inman, 169-485; Charles Sartorius, 169-467; Don Heeke, 193-483; Larry Jones, 172; Buford Branson, 182-471; Betye Clark, 164-417; Shellah Simmons, 153-409; and Susan Smith, 138-387.

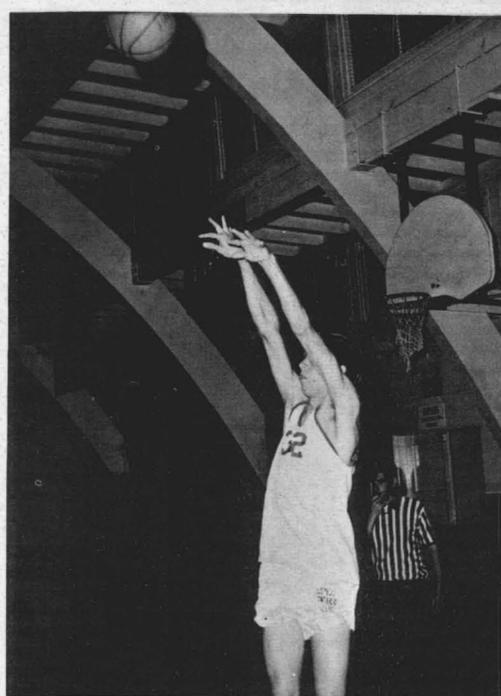
Ding-a-Ling's
Verdie Quinn took all the honors with a 199 and a 566 series. Sue Reynolds showed a lot of class by converting the 3-7-10, and Barbara Hackathorne went her one better, picking up the 4-7-10.

Midway League
Jim Peck put it all together, shooting 212-193-202 for a 607 series, followed closely by Dan Ryan's 598, including a 223 game.

Paul Linton had the high game, a 248 effort. R. Halcomb and Don Winslow each rolled 224. Richard Tolkmitt came through with a 222.

Wed. Ladies
Jenny Slates led the ladies with a 517. Other scores: Pat Maddux, 503; Willie Johnson, 508; Alice Cutsinger, 509, and Marlys Bowles, 505. Recently, Willie Johnson had a 165 triplicate. Her average also happens to be 165. Other scores in recent weeks: Mary Jane Clark, 213 and 550; Arlene Harp, 511; and Jean Gale, 529.

Prep League
Richard Hoffer led 8 other bowlers with a 132 game. Other high scorers: Larry Boyd, Marvin Titus, Bryan Vargas, Linda Herbstreit, Bonnie Brown, Pryor Bonner, Cathy Bauers and Kennie Lindsteadt.



LONG FIRES A LONG ONE—The Pioneers' David Long fires a two-handed set shot in the Pioneers' 82-61 loss to VX-5 last week. Long scored 13 points, including two baskets midway through the third quarter that brought the Pioneers within five points of the Vampires. —Photo by PH3 Anthony L. Curiale

Pony/Colt League Lives As Community Responds

The community responded to the appeal and the Indian Wells Valley will have a Pony-Colt League again this year. In a "last chance" meeting held February 10, P. G. "Robbie" Robins, of the China Lake Supply Department, was elected on a second ballot to the office of President. The second ballot was determined due to a "dead heat" between Robins and Dick Drake on the first ballot.

Forty-two persons, including women and interested teen-agers attended the meeting. Every elective and appointive office was filled, volunteers for other duties were accepted, and a tentative program was discussed.

Officers for the coming year are as follows: Robins, President; Dick Drake, Colt League vice president; Hank Lutjens, Pony League vice president; Rick White, treasurer; Delbert W. Mathias, player agent; and Ron Morey, equipment

Registrations
Registration for the IWV Pony-Colt League will be held on February 24, March 3 and March 10, from 7:30 p.m. to 9 p.m., in the Las Flores School, in Ridgecrest, and the Groves School on the Center. Any boy registering for the first time is reminded that he must bring proof of birth at the time of registration.

The fee for registration is \$12 for the first boy in the family; \$8 for the second, and all over two will be registered free of charge.



MARINES RECEIVE AWARDS—Marines of the NWC Marine Corps Liaison Office recently received awards at an Inspection Ceremony from Maj. John L. Pipa (shown here presenting a Letter of Appreciation to M-Sgt. W. T. Dillon). The awards, in addition to the Letter of Appreciation from the Maturango Museum, included Certificates for completion of school, two Good Conduct awards, and administrative diplomas. —Photo by PH2 D. E. Hart

Condor Warhead Shot Successful

(Continued from Page 1)

during an equally successful flight of the missile which also marked the first time that the total system had been flown in one package, including the propulsion, data link and guidance systems that have been developed for Condor.

Attack Technique

Condor uses a unique "ready-fire-aim" principle which provides the attacking pilot the capability to launch the missile at stand-off range and to achieve target acquisition during missile flight while the aircraft executes an evasive maneuver away from the target area.

Developed in Ohio

Developed by North American Rockwell of Columbus, Ohio, under technical monitoring and guidance of the Naval Weapons Center, the weapon provides a significant new capability to the Nation's military forces. The Navy is currently formulating production plans.

The first powered launch of the Condor air-to-surface missile was performed at the Center on April 1, 1970, which also marked the occasion of the first successful free flight test of Condor's solid propellant rocket motor.

Produced and developed by North American Rockwell's Solid Rocket Propulsion Division at McGregor, Texas, the motor was test flown six months ahead of the revised contract schedule. The April 1 launch followed extensive testing of the new motor, including 20 successful firings, one of which was an airborne captive firing on a QF-9J drone.

The data link for the Condor was developed and produced by Hughes Aircraft, a subcontractor on the program.

Helped By Walleye

The Condor program has drawn heavily from guidance and control technology pioneered and demonstrated by NWC on the Walleye Weapon. The features unique to Condor are the rocket motor and the remote control-after-launch capability.

The development of the Condor Weapon System has involved ten Navy laboratories and field

stations along with the North American Rockwell Corporation and its many subsystem suppliers. With DDR&E approval to begin contract definition in 1964, Jack Crawford of NWC was designated by the Naval Air Systems Command as the Field Activities Program Manager. At that time, NWC was tasked to demonstrate concept feasibility at selected component levels during the two year contract definition period and to lead the Navy field station effort in technical review of the competing contract definition contractors. At contract award in 1966 to the successful competitor (North American Rockwell, Columbus Division), NWC was tasked to lead and coordinate the Navy's technical review and guidance of both contractor and Navy in-house engineering development effort.

In addition to the technical effort and administrative management by the former Aviation Ordnance Department, NWC effort has included: engineering analysis and support from the Weapons Development Department; warhead development and propulsion support from the Propulsion Development Department; fuze development by the Fuze Department; and engineering and manufacturing support by the Engineering Department.

The principals on the Condor development team from NWC include: Jack Crawford, NWC's first Project Manager and Division Head of the Electro-Optical Systems Division of the Weapons Development Department; Nadim Totah, current NWC Project Manager; Ralph Disch, Project Administrative Officer; Ray Blackwell, Project Engineer - Guidance; Fred Koperski, Project Engineer - Analysis and Simulation; Jack Yeakey, Project Engineer - Propulsion; Jim Rudeen, Project Engineer - Fuze; Earle Roby, Project Engineer - Flight Test; Mel Creusere, Project Engineer - Data Link; and Mel McCubbin, Project Engineer - Warhead.

John Kane is North American Rockwell's Test Director, and the Condor Program Manager in the Naval Air Systems Command is Cdr. K. H. Woodbury with project technical management by Cdr. W. P. Albers.



SWAFFORD TAKES RE-ENLISTMENT OATH—VX-5 data processing supervisor DP1 Ed Swafford takes the re-enlistment oath from Executive Officer Cdr. Bert Creighton. DP1 Swafford entered the service in 1963. He reported to VX-5 in September, 1970, from the staff of the Commander, Submarine Force, U.S. Pacific Fleet. —Photo by PH1 D. L. King



STUDENT COUNCIL OFFICERS—Incoming and outgoing Student Council Officers at Murray School were introduced to the students at Murray in an assembly held February 4. Mrs. Kovar, faculty advisor to the Council, (at lectern), made the introductions. The officers are, outgoing officers, left to right: Leslie Reed, Kevin Smith, Steve Paine and Carol Robertson. Incoming officers are, right of Mrs. Kovar: Lori Blanche, President; Paule Payne, Vice President; Cindy Moe, Secretary, and Debbie Radcliff, Treasurer. The Student officers are changed each semester.



THIRTY YEARS WITH NAVY—Woodrow Bertine (c) is congratulated by Cdr. T. R. Hendershot (l), Deputy Director of NWC Supply Dept., and Lloyd Rogers (r) Head, Ordnance Division of the Supply Dept., upon completion of 30 years of service with the Navy Department. Bertine's last tour of military duty with the U. S. Navy was served at China Lake and upon his discharge in September 1946 he remained in the area as an employee of the Ordnance Division. He is Head of the Magazine Operations Branch under Rogers.

Supply Story Aviation Division

(Note: This is the third installment of a series of articles designed to describe the services that NWC's Supply Department offers its customers. Supply, whose headquarters are at 60 Blandy, is under the direction of CAPT. E. M. Wieseke, SC, USN, Director of Supply and CDR T. R. Hendershot, SC, USN, Deputy Director of Supply.)

By Jim Knight

When jet airplanes lace the heavens with ribbons of vapor trails while making their daily passes, the average citizen tends to merely accept them. He is unlikely to give much thought to what "keeps them flying."

Here at NWC, an all-out military-civilian effort keeps them flying, and an outstanding example of this type of teamwork can be observed in the Aviation Division of the Supply Department.

Headed by LTJG Don L. Lockety, SC, USN, this Division is composed of 23 military and six civilian personnel. The military complement is from NAF and VX-5 while the civilian force is attached to NWC's Supply Department.

This group unites to carry out the mission of the Division; that is to perform the inventory control and receipt, storage and issue functions of aviation materials required to support NAF and VX-5 aircraft.

If a work stoppage occurs because an aircraft part is not available locally, long distance telephone calls to other activities usually solve the problem. This function is part of the service provided by the Programs Management Branch under the direction of AK1 W. J. Brandfas.

This is not a one-way street, however, for the Aviation Supply Division in turn receives requests for parts from other activities. If the parts are available here, and not needed by NWC-based aircraft, they are shipped to the "friend in need."

All incoming requirements and all maintenance actions are routed through a central point of contact. This is the Supply Response Section supervised by AK1 I. V. Watson. In addition to other func-

tions, this Section performs all the necessary technical research. A unique innovation was installed by the Division more than two years ago. They set up a special area called rotatable bins for items which can be repaired locally. There are 250 such items, most of them quite expensive, but they are used over and over. Any repairable aircraft part goes through the pool for induction into one of the Intermediate Maintenance Activities in NAF hangar No. 3. After repair they are returned to the rotatable bins for reissue. This cycling and recycling process retains hard-to-come-by aircraft parts and, in addition, saves transportation charges. These items are under the supervision of AK1 P. R. Francisco. Items which are not repairable locally go to a major overhaul point where they are repaired and put back into the system.

The Control Branch, supervised by Jim Bradberry, is the only all civilian Branch of the Division. Bradberry provides customer service for urgent critical shortage items or other items requiring special handling.

This Branch is also responsible for insuring that sufficient stock is on hand and on order to support attached units. A big facet of the job is the control of the \$5 million inventory and assuring that non-moving items are excessed so as to provide funds for items that do move.

As leading Chief AKC Muffley pointed out, the Aviation Supply Division is in itself a small Supply Department. And, he added proudly, "professional service is our most important product."

SCORING LEADERS

	G	TP	AVG.
Ziegler, Pioneers	11	285	25.9
Mattich, FS	8	156	19.5
Jones, Bud Eyre	11	206	18.7
Westcott, Bud Eyre	11	188	17.1
Clark, Loewen's	11	188	17.1
Irvin, Ace TV	10	168	16.8
Kinney, WB	8	133	16.6
Martin, Genge	9	141	15.7
Higgins, Ace TV	11	170	15.5
Hogan, VX-5	8	123	15.4

STANDINGS

	W	L
Loewen's	12	0
Ace TV	11	1
Wallbangers	9	2
VX-5	8	2
Bud Eyre	8	3
Pioneers	8	4
CTC	6	5
NAF	6	6
Saints	5	6
Food Service	3	8
NAF Officers	3	9
Hustlers	2	9
Genge	2	10
Chaparrals	1	9
Pins & Needles	1	10

CLOTA Holds Annual Awards Banquet

Fine Crowd Sees 'Oscars' Presented In Best Categories

A large crowd of excited members, patrons, and supporters attended the first annual Community Light Opera and Theatre Association Awards Banquet at the Chaparral Club February 16 and cheered their approval as the winners, of miniature "Oscars" for 1970's performances were announced.

Three productions were under consideration for the awards. "David and Lisa," directed by Ed Romero, and starring Bill Schaniel and Kathy Green; "Sound of Music," directed by Phelps TerHeun, and starring John Feeley and Lana Lee Kline; and "Man of La Mancha," directed by Herb Childers and starring Wayne Carpenter and Caren Diebold.

Five awards were presented by CLOTA: Best Production; Best Actor; Best Actress; Best Supporting Actor (or Actress); and Best Technical Direction. A committee of five persons was selected by the CLOTA Board of Directors from outside the CLOTA membership to view all three plays and vote on their nominees following the final production. This committee included Ev Baker, Mrs. Beverly Aherin, Earl Love, Ernie George and Mrs. Jackie Renne.

The best production of the year went to "David and Lisa." Ed Romero accepted the award and gave praise to the crew and actors connected with the show. Romero remarked on the fine job done by the technical crew which had to handle more than 50 scene changes during the performance, and pointed out that the fine performances by Kathy Green and Bill Schaniel in the title roles were also instrumental in the award.

"This is ours," said Charlie Wilcox, who won the Best Supporting Actor award for his brilliant portrayal of Sancho Panza in "Man of La Mancha." Charlie was a popular selection as the crowd roared its approval. He gave much of the credit for the award to the cast and especially to Herb Childers, director of the fall production.

"Man of La Mancha" figured prominently in the awards ceremony as Art "Sandy" Schaper and Ralph Vuono were named winners of the Set Design, or Technical Direction, category. For Sandy, this was a change of pace, as he is better known for his work in front of the footlights. "La Mancha" was his first effort at Technical Direction, and he was visibly overwhelmed by his selection. Ralph Vuono, however, is a force to be reckoned with in the building of sets. He has worked backstage in many recent productions, in addition to taking roles in other community plays. His wife, Judy, accepted the award for him.

The award for Best Actor of the 1970 season came as no surprise to most of the excited throng. Bill Schaniel, who is attending Gonzaga College, in Spokane, Washington, was selected for his sensitive performance of David in the spring production of "David and Lisa." His father, Carl Schaniel, accepted the award for Bill.

Lana Lee Kline, the lovely and

talented Maria, in the CLOTA production of "Sound of Music," captured the Best Actress award, much to the approval of the cheering crowd at the Chaparral Club. "I just don't know what to say," she murmured. "Now you know what my students think when I teach school, and I'm caught without knowing what to say next."

Persons attending the banquet were served a ribeye steak dinner and listened to a recap of the 1970 season from Alan Paulsen and Vernon Green, president of the Board of Directors. In addition, an election of three new members to the Board was held, with the following results:

Vernon Green was re-elected to the board; and two new members won the voter's approval - Mrs. Sherry Parker and Fred Weals.

During the course of the evening, Green spoke of the unfortunate demise of "Owl and the Pussycat." "Production problems and illnesses of the cast and crew were the major contributing causes of the cancellation," Green said. "The board felt that circumstances were such that the problems had become insurmountable to stage the production and still adhere to the standards of production which CLOTA tries to maintain," the Board President stated.

Looking on the bright side, however, Green mentioned the upcoming performances of "Here Lies Jeremy Troy," to be directed by Ed Romero, and slated for production April 9, 10, 16 and 17; "The Music Man," to be directed by Jack Lindsey on July 23, 24, 30 and 31; and "Fiddler on the Roof," slated for October 8, 9, 15 and 16, under the direction of Alan Kubik.

The banquet also marked the beginning of the yearly drive by CLOTA for patrons. In addition, Green announced that season tickets for the three scheduled productions are now on sale.

Persons desiring to purchase family memberships, patronages, or season tickets are asked to contact any CLOTA member, or call Ed Romero, NWC Ext. 2264; Jack Lindsey, NWC Ext. 3354, or Vernon Green, NWC Ext. 3508.



1970 BUSINESS REPORT—Members of the CLOTA Board of Directors eat their dinner while listening to Vernon Green, President of the Board (at microphone) talk about the events of 1970. A huge throng of CLOTA members, patrons and supporters attended the annual dinner at the Chaparral Club.

—Photos by PH2 D. E. Hart



NEW BOARD MEMBERS—During the course of the evening, CLOTA members voted for three board of director members. Fred Weals, Mrs. Sherry Parker, and Vernon Green (l-r) were chosen to serve on the Board. Green was re-elected. Mrs. Alan Paulson was chosen as an alternate.



"OSCAR" WINNERS—The winners of the "best" little theater work for the Community Light Opera and Theatre Association in 1970, are, left to right: Charlie Wilcox, Best Supporting Actor; Sandy Schaper and Judy Vuono, who accepted for

husband, Ralph, Best "Technical;" Ed Romero, who directed "David and Lisa," chosen Best Production; Lana Lee Kline, Best Actress; and Carl Schaniel, who accepted for his son, Bill, chosen Best Actor.

New Building Planned For Fairgrounds

Civic-minded citizens with an eye to the future have an opportunity to be identified as a pioneer investor in a vast permanent exhibit building planned for the Desert Empire Fair Grounds.

Like a plank-owner on a ship or a pillar of the church, any individual, or any group who donates a minimum of \$50 to the building fund now will have their name inscribed on a bronze plaque to be mounted on the inside of one of the full-length panels that make up the main walls of the 12,000 sq. ft. structure.

This huge facility will replace the big top at this year's fair if a down payment of \$25,000 can be collected in time.

In addition to the distinction of this recognition as a share owner in this major enrichment of the total community, \$50 contributors will receive a life membership in the fair, with all its honors and privileges. As a donation to a non-profit organization monies given for this project are also tax-deductible.

Organizations who have felt the need of a year-round weather-proof auditorium of this size in Indian Wells Valley for their own large-scale conventions, shows, displays, athletic meets have an added inducement to raise funds toward getting the construction under way immediately.

Checks should be made payable to the Desert Empire Fair Permanent Exhibit Building Fund and mailed to P.O. Box 1176, Ridgecrest, California 93555.

Aetna Agent At Community Center Feb. 23, 24

The Aetna Insurance Representative, Mr. Howard Keenan, will be at the Community Center next Tuesday and Wednesday, February 23 and 24, from 9 a.m. until 4 p.m. on Tuesday and from 9 a.m. until 3 p.m. on Wednesday.

Black Man In Navy: Part 3

Racial Tension Purged

(Ed. Note: This is the third part of a three-part series describing the historical participation of the black American in the United States Navy. Part three illustrates the results of equal opportunity as evidenced by the careers of three Naval officers.)

Not long ago Captain Samuel Lee Gravely, Jr., USN, assumed command of the guided missile frigate USS JOUETT (DLG 29). More recently, Commander George I. Thompson, USN, completed a tour as commanding officer of USS L.R. CRAIG (DD883) to join Attack Carrier Strike Force, Seventh Fleet. Captain Paul S. Green, MC, USNR, is serving as Chief Radiologist and Executive Officer of the Naval Hospital, Lemoore, Calif.

What these three naval officers have in common is their race—they are black Americans. Their story is told here to point up the steadily improving role and opportunity for the black Americans in the sea service.

Today the Navy has a concerted program to increase the number of black Americans both in the Regular Navy and in the Naval Reserve. At this writing there are 539 black officers in the Navy, ranging from warrant officer to captain.

However, Secretary of the Navy John Chafee said in a directive to all naval personnel that "our accomplishments leave much to be desired." He called for immediate action to solve racial tension and greatly increase the percentage of black Americans in the officer corps. Adm. E. R. Zumwalt, Jr., Chief of Naval Operations (CNO), followed this up with a directive outlining specific actions to be taken by naval personnel to insure equal opportunity.

Here are the stories of three Negro officers in the Navy, which exemplify the opportunity that is open to young men and women who have what it takes for a naval career:

Cdr. Thompson

Commander George I. Thompson would rather have people think of him as a professional sailor proud of commanding a U.S. Navy warship than a black man in the hierarchy of an officer corps. Cdr. Thompson himself was in the Bureau of Personnel when the Navy began a concerted effort on a minority officer recruitment program in 1962.

Things have changed in some ways. When Cdr. Thompson assumed command of CRAIG, one difference was demonstrated.

"Before he arrived," noted Lieutenant Commander C. M. Walter, CRAIG's executive officer, "I was probably the only man on the ship who knew he was a Negro—and I knew only because I was told by a friend of his who knew he was coming to CRAIG."

As Cdr. Thompson pointed out, that in itself marked a major advancement. "At times in the past, pains were taken to inform a ship that it was to receive a black officer. Now, however, I was able to come to CRAIG not only as an officer, but as the commanding officer, without any special notice."

Cdr. Thompson, a native of Los Angeles, attended UCLA and graduated in 1942. He attended Officer Candidate School in 1953 and was commissioned an ensign in May of that year.

I went to my first ship, the carrier ORISKANY (CVA 34), with

no plans of making the Navy a career," he said. "I spent three happy and productive years on ORISKANY, though, and my experience on her prompted me to stay in."

"I was able to fill a position of some responsibility which I could feel, and the feeling was good. The opportunity for additional responsibility which the Navy presented was hard to pass up."

What he calls "a couple of lucky breaks" and a lot of hard work gave him that opportunity.

"I was in the communications department and assigned to the radio watch bill," he said. "I volunteered to stand additional watches on the bridge in my spare time because I wanted to become an Officer of the Deck."

Then, when ORISKANY lost several junior officers at the same time, Cdr. Thompson was moved to regular bridge watches, becoming a qualified underway Officer of the Deck while he was still an ensign.

After the communications officer was injured, Cdr. Thompson took that job over as well for four months.

"The same types of opportunities are available right now," he said. "Anyone who is willing to work can make his way. With the cutbacks we are now undergoing, I can qualify anyone who has enough intelligence and desire to do the work."

Cdr. Thompson feels that he has progressed through the Navy with few adverse effects because of his color.

"I don't feel that racial prejudice has had any noticeable influence on my assignments or jobs," he said. "Of course, there were people I didn't get along with, but I don't think that was necessarily race-oriented."

"All relationships in the Navy grow out of the professional relationships between men," he explained. "If you work with a man and you respect him for his ability, then that is the paramount consideration. It will influence your entire relationship."

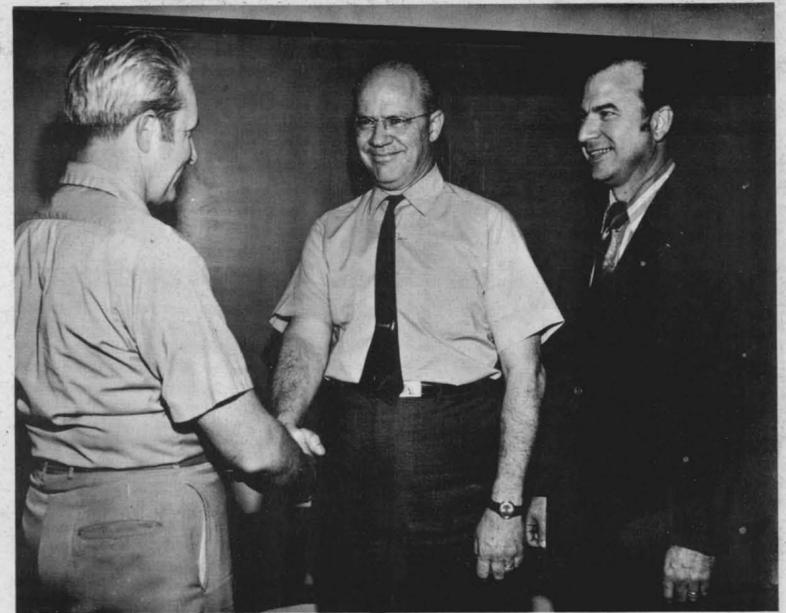
"If you don't respect him professionally, then it will be hard to have a personal, friendly relationship outside work."

"The professional relationship is the most important," he added. "If a personal friendship follows, then that's fine."

After his first tour of duty, Cdr. Thompson's own career took him to Puerto Rico for duty with the Caribbean Sea Frontier staff. During his tour he augmented into the Regular Navy.

He later served on board the destroyer USS COMPTON (DD 705) and was Executive Officer of USS OUTPOST (AGR 10). He attended the Naval War College, and received two advanced degrees—an MA in international affairs and an MS in personnel management—from George Washington University.

He took command of the escort ship USS FINCH (DER 238) in 1964, then went to the Naval Academy for a tour as a naval science instructor, head of the Tactics Committee, and a battalion adviser.



LONG-TIMER—Eugene McFall (c) of NWC's Fuze Department receives congratulations from Cdr. C. D. Brown, Officer-In-Charge of the Corona Annex, on the occasion of McFall's 30 year anniversary as an employee of the Federal Government. R. L. Bauer, (f) McFall's Division head was also present for the ceremony.

—Corona photo

He completed his duties as Commanding Officer of CRAIG in July 1969, reporting to the Attack Carrier Strike Force of the Seventh Fleet, and is now serving in the Vietnam theater.

Capt. Gravely

Captain Samuel Lee Gravely, Jr., USN, is now the senior black unrestricted line officer in the Navy, one of three black captains.

He was born in Richmond, Va., attended Armstrong High School there, and then attended Virginia Union University for three years. (He was later graduated with a BA in history.)

Enlisting in the Naval Reserve on 15 Sept. 1942, he attended the service school at Hampton (Va.) Institute and then was assigned to the Section Base at San Diego. From November 1943 to June 1944 he was a member of the V-12 school at Asbury Park, N.J.

Appointed a midshipman, USNR, in August 1944, Capt. Gravely attended midshipman school at Columbia University and graduated that December, gaining his commission as a Reserve ensign.

After duty as assistant battalion commander at NTC Great Lakes and schooling at the Sub-Chaser Training Center, Miami, Fla., he joined the crew of USS PC 1264.

Through the closing months of World War II and until February 1946, he served as communications officer, electronics officer, and later executive officer and personnel officer of the ship, one of the first two Navy ships with all-black enlisted crews.

After three years out of active duty, Capt. Gravely returned to the Navy in 1949. His first duty was with the Naval Recruiting Station and Office of Naval Officer Procurement, Washington. After a communications course from October 1951 to February 1952, he served as radio officer of USS IOWA (BB 61) until June 1953. Then he was transferred to USS TOLEDO (CA 133), on which he was communications officer and assistant operations officer. He took part in Korean action while serving on both ships.

In July 1955, he became assistant district security officer for the 3rd

Naval District. Capt. Gravely took an amphibious warfare course in the fall of 1957, then joined USS SEMINOLE (AKA 104) as operations officer.

In January 1960 he became executive officer of USS THEODORE E. CHANDLER (DD 717). He took command of CHANDLER 15 Feb 1961.

Capt. Gravely's second command was assumed 31 Jan 1962: USS FALGOUT (DER 324). Under then-Lcdr. Gravely's command, FALGOUT patrolled the Pacific Early Warning Barrier.

He attended a naval warfare course at the Naval War College, Newport, from August 1963 to June 1964, then served as program manager of the National Emergency Airborne Command Post.

In January 1966 Capt. Gravely received still another destroyer command: USS TAUSSIG (DD 746). In June 1968 he became coordinator of the Navy Satellite Communications Program in the office of the CNO, with additional duties in the Navy's space program.

In May 1970, Capt. Gravely assumed his present command of the guided missile frigate USS JOUETT (DLG 29).

"If a man is going to succeed he'll make it no matter what he is doing!" That is the personal philosophy of Captain Paul S. Green, MC, USNR, who is now chief radiologist and executive officer of the Naval Hospital, Lemoore, Calif.

He's demonstrated it in his own life. Capt. Green didn't originally plan to make the Navy a career (he was drafted, in fact)—but during his 16 years of active duty, he's been certified by the American Board of Radiology and has attained one of the highest ranks available to a Reserve officer.

"Probably none of this would ever have happened if I had been given a choice," he says. I had a very successful civilian practice and had absolutely no desire to serve with the military.

"Mine is not the story of 'rags to riches,'" the doctor says, recalling his early life in Warren County, N.C. "I've never lived in a ghetto.

My father was a businessman and a very good provider. It wasn't difficult for him to put three children through college at the same time. We always had plenty to eat and lived in a comfortable home."

After graduating as valedictorian of his high school class, Capt. Green entered Shaw University, Raleigh, N.C., graduating in 1939 with a major in biology.

"I certainly didn't set any academic records there," he says. "I was much more interested in the bright lights in the big city and, like most young men, wanted to buy an automobile."

Armed with his diploma and a teaching certificate, Capt. Green tried unsuccessfully to find work as a teacher.

"As I look back," the doctor comments, "I can see why no one was impressed with my supposed teaching ability. I was only 19 years old and right out of college. Fortunately, for me, I was able to get a job with my father working in a fruit and produce store."

"I earned money to buy things, but after two years I felt I wasn't really accomplishing anything. I entered Howard University in Washington, to work on a master's degree in zoology. Shortly afterward, in September 1941, I was accepted for medical school."

Through an accelerated year-round program of study, he earned his M.D. degree in December 1944. For the next year he served his internship at Lincoln Hospital in Durham, N.C., and then went into private practice in the small town of Louisburg, N.C., where, as that community's only black doctor, "I was declared essential and given a deferment."

"A year later, I moved to Henderson, N.C., a much larger town where I again entered private practice."

As a general practitioner in Henderson, Dr. Green treated both black and white patients and his practice thrived for seven years.

"I had realized success as a civilian doctor," Capt. Green says. "When in 1954, I was drafted into the Navy as a lieutenant, and a bi

(Continued on Page 8)