

Door-to-door housing inspections by Fire Div. to begin Monday

Naval Weapons Center Fire Division personnel will be conducting door-to-door courtesy fire inspections of all Center housing units from Oct. 15 through Nov. 2.

All China Lake residents are urged to participate in this effort that is aimed at making Center housing units a fire-safe place to reside. Fire inspectors will point out possible fire and safety hazards in and around the home.

Smoke detectors will be tested at the time of inspections. Several fire incidents have occurred in family housing where smoke detectors were inoperable. Tenants are not authorized to disconnect or tamper with smoke detectors. If the smoke detector does not operate, tenants should contact the NWC Fire Division by calling NWC ext. 2146, or the Trouble Desk, ext. 2380.

Tenants are encouraged to ask questions and point out possible hazards to the inspectors. Fire inspectors will make recommendations with regard to correcting the hazards observed at each housing unit. The inspection team will not inspect a home unless a responsible adult family member is present.

Tenants not at home during the above time frame may schedule an appointment to have their quarters inspected during the evening hours or on a later date by calling NWC ext. 2146 between the hours of 7:30 a.m. and 4:30 p.m.

The Fire Chief calls upon all Centerites to practice fire prevention and cooperate in having their homes inspected.

Residences on the Naval Weapons Center are inspected annually in accordance with NAVWPNCENINST 11320.4 (NWC Fire Regulations).

Owens Valley artist now exhibiting work at museum gallery

An exhibition of watercolor paintings by Margaret Dawson, a well-known artist from Lone Pine, is now on display at the Sylvia Winslow gallery of the Maturango Museum.

Those interested in seeing this art exhibit can do so from 2 to 5 p.m. every day except Wednesday.

Favorite subjects for the watercolor paintings done by Mrs. Dawson are the rugged mountains of the Sierra, streams, old buildings, wildflowers, and the desert.

She has taken an active interest in promoting art and painting in the Owens Valley, and was a co-founder and organizer of the Southern Inyo Artisans Guild and its gallery.

Mrs. Dawson continues to polish her skills by attending watercolor workshops conducted by some of the country's most prestigious painters, including Rex Brandt, Robert E. Wood and J. Scott Fitzgerald.

A portion of the sales from any of her paintings on exhibit here will benefit the Maturango Museum Building Fund.



TOO MUCH HOT STUFF — Ken Zurn, one of the Red Hot Hose Honchos, tastes the chili that the group is preparing to make as an entry in the Maturango Museum's chili cook-off on Oct. 27. Cooling the chili off is Jim Brown with a fire extinguisher, while other China Lake firefighters on the team watch. In the pumper are Bob Voight and Rick Winford, and Randy Barr stands beside Zurn to provide moral support. The chili cook-off is only one of the special events planned on Maturango Junction Day (Oct. 27) at the Kern Regional Park. — Photo by PH3 Rick Moore

Chili-cooking contest heats up Maturango Junction Day, Oct. 27

Chili cooks who want to show off their red-hot talents in a good cause are invited to take part in the chili-cooking contest sponsored by the Maturango Museum on Maturango Junction Day, Oct. 27.

The fiery event will begin at 8:30 a.m. on that day at Kern Regional Park when contestants will begin setting up their materials. A meeting will be held at 9 o'clock and actual preparation of ingredients starts at 9:30. By 10 a.m., the stoves will be started (with each contestant having to furnish his or her own Coleman stove), and by 1 p.m., the bowls of chili will be judged by the asbestos-tongued judges.

Each contestant or group competing must cook a minimum of one gallon of chili; the chili not eaten by judges will then be sold as a fund-raiser for the museum. The official support team for any individual or group cannot exceed 15 people who may perform for the crowds during the cooking contest.

Applications to enter the chili cook-off may be obtained at the Maturango Museum. They must be returned, along with a \$10 tax-deductible entry fee, to either the Maturango Museum, P.O. Box 1776, Ridgecrest, CA 93555, or to Edna Laytart, 125 S. Sunland Dr., Ridgecrest, CA 93555. Deadline for entries is Oct. 18.

Officers of Military Comptrollers group to be installed Wed.

A new slate of officer of the China Lake Chapter of the American Society of Military Comptrollers (ASMC) will be installed during a dinner meeting to be held next Wednesday, Oct. 17, at the Clancey's Claim Company restaurant in Ridgecrest.

Capt. K. A. Dickerson, NWC Commander, will be installing officer, and the evening's program also will include a talk by Capt. Tom Leshko, Deputy Auditor General of the Navy Auditor General of the Navy, from Washington, D.C.

The evening's activities will get underway with a social hour starting at 6:30, and dinner is to be served starting at 7. Menu choices are prime rib of beef (\$9.95), chicken teriyaki (\$8.95) or white fish (\$8.95).

The ASMC meeting is open to all interested persons. Reservations, which are due no later than Monday, can be made by calling Linda Long, at NWC ext. 3116, or Lydia Moschkin, at ext. 2351.

Sondra Drake, a financial management analyst in the R&D Branch of the Office of Finance and Management's Budget Division, will be installed as president of the China Lake Chapter of ASMC. The group's other officers are Peg Robison, vice-president; Lydia Moschkin, secretary, and Beverly Clavet, treasurer.

Navy birthday sale set

In observance of the Navy's birthday, the Navy Exchange is holding a spectacular sale. Most savings range from 15 to 45 percent, but a few items are being sold at as much as 89 percent off the regular, already low, price. The sale will run through next Thursday, Oct. 18.

Sale items include uniforms and insignia, automobile tires, casual clothing, watches, luggage, cameras and equipment, stereos and VCRs, household and kitchen appliances, as well as other merchandise.

U.S. Government Printing Office 1984 - No. 1031

Form for movie orders with fields for 'From:', 'To:', and 'PLACE STAMP HERE'.



October 12, 1984

Vol. XXXIX, No. 41

NAVAL WEAPONS CENTER CHINA LAKE CALIFORNIA

209th anniversary of sea service

Blue Angels to be featured in Navy birthday air show

Everyone is invited to participate in the events scheduled this weekend in honor of the Navy's 209th birthday.

Tomorrow afternoon at approximately 4 o'clock the Blue Angels, the Navy's world-famous precision flight demonstration team, will roar overhead on their way into town for Sunday's airshow.

Before landing when they reach the local area, the Blue Angels will put on their arrival air show, demonstrating some of the spectacular flying that will be seen Sunday afternoon as they perform precision maneuvers from tree-top level to more than 60,000 feet.

A dinner in celebration of the Navy's birthday will be served tomorrow night at each of the Naval Weapons Center's clubs — the Enlisted Mess, Chief Petty Officers' Mess, and Commissioned Officers' Mess. Each dinner will be topped off by a Navy birthday cake that will be cut and served to those attending.

Also on Saturday evening the Ridgecrest Chamber of Commerce is hosting a reception and dance in honor of the Navy birthday, with the Blue Angels as special guests. Admittance to this affair at Joshua Hall on the Desert Empire Fairgrounds will be \$10 per person, or \$5 for those in uniform.

Hangar One to be open for VX-5 displays

As part of the festivities celebrating the Navy's 209th birthday, Air Test and Evaluation Squadron Five (VX-5) will hold an open house on Sunday featuring a display of aircraft commonly used by VX-5 during its day-to-day flight test operations.

On hand for public viewing will be an A-6 Intruder, A-7 Corsair II, F/A-18 Hornet, F-4 Phantom II, OV-10 Bronco, AH-1J Cobra, and AV-8B Harrier aircraft.

In addition, an F/A-18 Hornet and an AH-1J Cobra will be available for close inspection by the public, while military personnel will be present to answer questions posed by interested viewers of the aircraft.

The public will be allowed to view the displays on Sunday from 10 a.m. until late afternoon, except for an intermission while the air show is underway. The hangar area will be secured during the time that the airshow is in progress.

In conjunction with the static aircraft displays there will be videotapes of air and weapon tests demonstrating the capabilities of the aircraft and weaponry tested by VX-5.

Also, for the comfort of all air show participants, the VX-5 Welfare and Recreation Committee will be manning a refreshment booth stocked with all types of cold drinks and hot dogs. The booth will also have on sale a selection of souvenirs commemorating NWC's celebration of the Navy's birthday.



WHICH WAY IS UP? — The skill of the Blue Angels pilots permits them to perform maneuvers as startling as this in perfect safety.

Following a reception and presentations, those attending can dance to the music of "Message" until the wee small hours.

Sunday morning the gates to Armitage Airfield will open at 10 o'clock so that those

who wish will have ample time to enjoy all the static displays before the airshow begins at 1 o'clock. Ample free parking is available; traffic is expected to move smoothly.

More than 40 modern and vintage aircraft, both military and civilian, will be on static display at the airfield. These include new Navy, Marine Corps and Air Force aircraft. World War II vintage planes, such as the only B-24 Liberator bomber still flying, will be on exhibit along with a variety of interesting civilian aircraft.

Near Hangar 3 will be vintage military vehicles such as armored cars, while displays from the Aerosystems Department of aircrew survival equipment, missiles

(Continued on Page 5)

CFC fund drive kick-off meeting slated Monday

A kickoff meeting for this year's Combined Federal Campaign will be held on Monday morning at 10 o'clock in Conference Rooms B, C of Michelson Laboratory.

Key representatives from all departments are asked to be present to pick up the brochures, pledge cards and other materials for their departments so that they can begin their fundraising efforts immediately.

This year's CFC will run from next Monday through Nov. 15, according to Loretta King and Natalie Harrison, this year's campaign coordinators.

The same agencies will take part in this year's campaign that were in the last CFC. The more than 100 agencies represent local, national, international, and health agencies.

Donors can designate which agency or group of agencies to which they wish their donations sent. Donations can be made either through payroll deduction (starting with January, 1984) or can be in cash.

All contributions are tax-deductible.

Skipper urges all hands to support CFC

"The Combined Federal Campaign provides an opportunity for all military personnel and federal employees to become involved in helping people, to reach out to the unfortunate and the handicapped, and to become participants rather than observers in improving their community.

"All hands are encouraged to give in this once-for-all fund-raising effort.

"The CFC is as American as apple pie. It is democracy in action. It gives

you the freedom to divide up your total contribution among various agencies and agency groups in whatever way you choose. It's your choice completely as to where the money goes.

"Please be as generous as you possibly can. The people who benefit from this campaign desperately need your help. This is your opportunity to help make a better world for you, for me, for everyone. Please take this opportunity," Capt. K. A. Dickerson said.



FLYING LOW? — One of the attractions of the parade in Ridgecrest last Saturday was the Center's Search and Rescue helicopter and its crew. An enthusiastic crowd gathered on China Lake Boulevard to cheer the bands, floats, and marching elements in the annual Desert Empire Fair parade. — Photo by PH3 Rick Moore



October 13, 1984

Navy Birthday messages

This year we celebrate both the Navy's 209th anniversary, October 13th, and the traditional Navy Day, October 27th. Both days give us an opportunity to reflect on the important role the United States Navy has played in the defense of American freedom and ideals for more than two centuries.

The two warships that Congress approved in 1775 have grown to today's Fleet of 524 battle force ships. The spirit of those Colonial era sailors, who possessed a relentless determination to become a free people, still is in the Fleet today in the thousands of men and women no less dedicated to defending democracy against those who would deny the fundamental rights and dignity of mankind.

It is also particularly appropriate, in a year which has seen the continued renewal of American naval power, to celebrate Navy Day, October 27th, a day chosen in 1922 to honor the naval service on the birthday of Theodore Roosevelt. No one did more to create the modern American Navy than this forceful, dynamic man. From his youth he possessed a love for both the sea and ships. Between his arrival in Washington as Assistant Secretary of the Navy and his departure from the White House more than a decade later, he worked tirelessly to create a modern Fleet capable of representing American interests abroad. He recognized that from Colonial Days to the 20th century, America was and always would be, a maritime nation.

Your service in our great Navy-Marine Corps team deserves the fullest measure of respect this country can accord. The freedom we cherish is perishable. It is never more than one generation from extinction. America, in its recent period of renewed strength and spirit, realizes this and recognizes the important part each of you plays in determining our country's future.

So on this, the occasion of our Navy's 209th anniversary, as well as a celebration honoring the founding of the modern American Navy, I say "Happy Birthday" and "Here's to you" for a job well done.

JOHN LEHMAN,
Secretary of the Navy

On the occasion of this 209th anniversary of our Navy, I want to take this opportunity to thank you — our wonderful Navy team — for your extraordinary performance over the past year.

Since our last birthday, we have lost comrades in combat, sailed every sea and ocean on this planet and performed flawlessly our mission of national defense. Our present Commander-in-Chief has used naval forces as no other has during a time of peace, with 8 of 13 battle groups moving around the globe nearly all the time. Our tempo of operations is greater today than at the height of the Vietnam conflict.

During this time of "violent peace," it is especially important for our Navy to continue to demonstrate that our nation's deterrent strength is alive, well and underway in every corner of the world. American sea power can make a difference, and our nation knows it can depend upon you to do the job. You, through your steady, untiring, superb performance, are sending this signal of determined strength today.

Your accomplishments are many. You are the most spirited, ready and capable Navy I have seen in all of my 35 years of naval service. To our "One Navy" family — from civilian and precious family members, to active duty, reserve and retired — have a great Navy Birthday 1984. You deserve it. May God bless you all.

JAMES D. WATKINS
Admiral, U.S. Navy
Chief of Naval Operations

The Rocketeer

Official Weekly Publication
Naval Weapons Center
China Lake

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News Stories deadline Tuesday, 4:30 p.m.
Photographs deadline 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 NAVSO P-35 revised May 1979. Office at Nimitz and Lauritsen. Information published in the Rocketeer does not necessarily reflect the official view of the Department of Defense. Information in the Rocketeer is authorized for public release by the Naval Weapons Center Public Affairs Officer, Code 003.

Phones 3354, 3355



Promotional opportunities

Applications (Standard Form 171) should be in the drop box at the Reception Desk of the Personnel Dept., 505 Blandy. Unless otherwise specified in an ad, applications for positions listed in this column will be accepted from current permanent NWC employees only. All others desiring employment at NWC may contact the Employment Management & Classification Division, Code 093 Ext. 2264. Ads will run for one week and will close at 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ad. Advertising positions in the Promotional Opportunities column does not preclude the use of alternative recruiting sources in filling these positions. The filling of these positions through Merit Promotion is subject to the requirements of the DoD Program for the Stability of Civilian Employment. The minimum qualification requirements for GS positions and positions subject to the Demonstration Project are those defined in OPAM Handbook 1-118; those for all wage system positions are those defined in OPAM Handbook C-118C. Applicants will be evaluated on the basis of experience, training, education, and awards as indicated in a written record consisting of a SF-171, at least one supervisory appraisal if it can be obtained, and any tests, medical examinations, interviews, and supplemental qualifications requirements that may be necessary. For managerial/supervisory positions, consideration will be given to applicant's support of the Equal Employment Opportunity programs and objectives. Applicants must meet time in grade and qualifications requirements by the closing date of the ad. The Naval Weapons Center is an Equal Opportunity Employer: selections are made without discrimination for any nonmerit reason.

No. C-35-653, Interdisciplinary Supervisory Engineer DP-801, 855, 1310, 1520, 1550-3/4, Code 3512 — Serves as project engineer, responsible for design and development of the Strike Electronic Warfare Simulator (SEWS). KSAs: K-Electronic warfare simulation and state-of-the-art computer facilities; A-Handle technical problems and assignment of marked difficulty in an engineering capacity; A-Coordinate/negotiate/communicate with other NAVWPNCEN organizations, Navy, and DoD agencies and contractors defining technical and management objectives and controlling/reporting progress; A-Plan, coordinate, staff, and direct a major technical effort with an interdisciplinary work of electronic systems and subsystems for warheads and rocket motors. Duties include planning, budgeting, coordinating, and monitoring in-house tasks supporting these efforts; identifying problems, defining, proposing and incorporating solutions into planned effort; KSAs: Abilities — design, plan, schedule, and evaluate programs, projects and/or contractors; to communicate clearly and effectively both orally and in writing; to interface with sponsors and NWC management. Status eligible may apply.

No. 33-135-84, Mechanical Engineer, DP-830-2/2, Code 3532 — (Two vacancies) Design, development and test of electro-mechanical devices, firing and initiation systems and subsystems for warheads and rocket motors. Duties include planning, budgeting, coordinating, and monitoring in-house tasks supporting these efforts; identifying problems, defining, proposing and incorporating solutions into planned effort; KSAs: Abilities — design, plan, schedule, and evaluate programs, projects and/or contractors; to communicate clearly and effectively both orally and in writing; to interface with sponsors and NWC management. Status eligible may apply.

No. 36-175, Mechanical/Electronics Engineer, DP-830/855 — Performs engineering design and test of production support of missile service control system and associated test systems. Includes product improvement analysis, technical liaison on contracts and engineering validation of missile documentation packages. Elements: Knowledge of design, analysis, test and production practices of electro-mechanical systems and components; of test instrumentation and writing/ executing computer programs; of computer control of test and measurement equipment, reliability and quality assurance. Ability to interface with program office, sponsor and contractor personnel; to communicate effectively.

No. 36-176, Engineering Data Technician, GS-265/276, Code 3651 — Provides data planning and configuration services, including identification, preparation, acquisition and administration of Center program data requirements. Receives training to develop the basic skills needed for data and configuration management work. Elements: Ability to read, comprehend and apply written materials; to learn new procedures; to make decisions and accept criticism; and to communicate effectively.

No. C-42-30, Computer Specialist, DS-334-1/2/3, Code 4232 — Metric video is responsible for weapons test data gathering and reduction utilizing video techniques. Planning, scheduling, and coordinating technical work, operations and testing; software development & documentation; & operations procedures documentation. KSAs: Experience in software development & documentation, analysis and ability, experience in HP Basic programming language desirable; A- interface effectively

with people and to communicate orally and in writing. Status eligible.

No. 36-178, Mechanical Engineer, DP-830-1/2/3, Code 3621 — Performs mechanical engineering design and technical support for mechanical systems development projects. Responsible for design, analysis, modeling, testing, evaluation, and documenting original design and product improvement projects/tasks. Elements: Ability to work independently or as a member of a technical team working on electro/optical mechanical missile guidance subsystems; to communicate well, to apply standard mechanical engineering design/analytical techniques; to plan and accomplish prototype hardware testing. Knowledge of design documentation standards and practices; of microcomputer use for analysis and modeling. Advanced degree/strong background in thermodynamics, fluids, and heat transfer desirable.

No. 36-177, Supervisory General/Mechanical/Electronic/Aerospace/Industrial Engineer/Physicist/Physicist, DP-801/830/855/861/883/1310/1320-3, Code 3681 — As head of the Production Support Section, Soldering Technology Branch, directs a multidiscipline staff which provides technical assistance and support to Center programs in all areas of electronics manufacturing. Elements: Ability to troubleshoot the processes used to manufacture printed wiring board assemblies; supervise a diverse group of engineers, technicians and specialists; become certified to WS-6336 Soldering specification; to support Federal EEO program policies and goals. Knowledge of government specifications particular to MIL-P-5540, performance requirements, printed wiring, MIL-STD-275, design requirements for printed wiring, and MIL-STD-454, workmanship standards.

No. 08-056, Operations Research Analyst, DP-1515-2/3, Code 081 — Provides support to weapon system program offices by making cost and performance analyses using government and contractor data sources. Job Elements: Ability to handle problems or assignments of marked difficulty; ability to think through a problem and approach to its solution; knowledge of weapon systems, quantitative analysis techniques, and computer technology; and ability to express ideas clearly.

No. 08-057, Management Analyst, DA-343-1/2/3, Code 0825 — Provides support and conducts analyses for manpower and organizational studies. Supports the Branch's corporate planning activities by coordinating and building the financial data base for the Center's 3-year plan and providing related analyses. Elements: Knowledge of financial analysis methodology; "budget process; financial data base management, and manpower loading. Ability to plan, schedule, and coordinate work; work independently, gather and analyze financial and workload data; deal effectively with personnel at all levels; and communicate effectively.

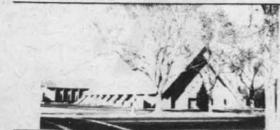
No. 12-014, Interdisciplinary (Operations Research Analyst/Mathematician/Electronics/Mechanical/General Engineer/Physicist), DP-1515/1520/855/830/801/1320-3, Code 128 — Incumbent works with NWC top management.

Training opportunities

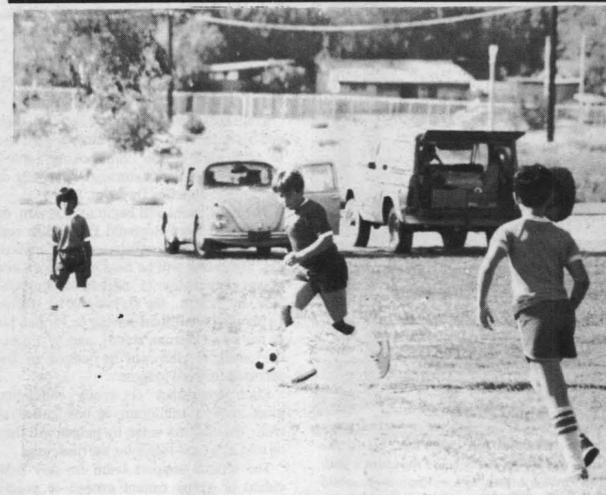
The Navy Scientist Training and Exchange Program (NSTEP) is designed to provide long term training opportunities for NWC employees grades GS-4 and higher. These training assignments are located in the Washington, D.C. area. The program is used for cross training and development of key personnel at the middle, senior and executive levels. The training varies from 6 months to 2 years depending on the assignment. The employee selected will go on the training assignment at his current grade level and position. Details and assignments must be at the grade level listed in the notice. For information or to apply for the below listed training opportunities, contact Fred Bien or Tina Deal, Code 01A2, Ext. 3730.

Assistant Technical Manager Guided Missile Division, Interdisciplinary Engineering — all Series DP-3, Naval Sea Systems Command (SEA-622), Washington, D.C. Training Objectives: The primary training objectives of this developmental assignment are to increase technical expertise while broadening management skills and knowledge by exposing the individual to the operations of a major project of NAVSEA/ASYS/COM. Specific training objectives of the development assignment are: (a) to gain experience in coordinating Guided Missile Division program efforts with Navy activities and contractors; (b) to develop an increased awareness of the total missile round requirements in the acquisition cycle; (c) to gain experience in preparing program directives, budget submissions and contracting procedures; (d) to broaden the participants' overall development experience by working with other DoD offices. Duties to be Performed: The participant will assist in providing program management support and coordination in the technical and planning activities of guided missile programs. Specific duties include: (a) Make periodic visits to lab facilities and contractors such as NAVWPNCEN/China Lake, Naval Surface Weapons Center/Dahlgren, Applied Physics Laboratory/Johns Hopkins University, and General Dynamics/Pomona. During these trips, the participant will monitor development efforts at observer laboratory and field tests; analyze and evaluate test data, and prepare reports on results; monitor plans, progress, and resources at contractors; work with SEA-6223 specialists in reviewing and providing inputs to training, reliability, maintainability, safety, procurement and logistics plans; assist in the preparation of impact statements, budget reclaims, and other SEA-6223 submissions in defense of financial plans; assist in preparation of financial plans and budget submissions for guided missile programs; interface with Naval Material Command by submitting documentation for review and approval; maintain a liaison with the Chief of Naval Operations sponsors of guided missile programs. Qualifications Required: The participant for this developmental assignment must possess a sound knowledge of guided missile programs, be widely experienced in military problem solving and the use of scientific/analytical techniques. He/she must have demonstrated initiative, originality, and judgment qualities and be capable of working in close harmony with and obtaining the cooperation and professional support of naval officer, civilian scientific and analytic personnel. The specific requirements are: (a)

Must be a graduate of a recognized school of engineering or science; (b) must have a thorough and detailed knowledge of the technical characteristics and general requirements of guided missiles including firing/airhead and propulsion subsystems; (c) must possess the managerial skills necessary to assist in planning, coordinating, and directing complex programs involving numerous independent organizations and laboratories; (d) must be capable of representing NAVSEA/ASYS/COM in dealings with technical experts from Navy laboratories, industry, and other activities, and also with management personnel in Naval Material Command, Naval Operations, and DoD; (e) communicate effectively with diverse disciplined representatives of the many interests relating to guided missiles; (f) must have the flexibility and adaptability to deal with short deadlines, and provide specific recommendations to broadly defined requests. The assignment is scheduled to begin approximately 15 November 1984 for one year.



DIVINE SERVICES	
PROTESTANT	
Sunday Worship Service	1000
Sunday School (Annexes 1, 2 & 4)	0830
Bible Study (East Wing Wednesday)	1130-1230
ROMAN CATHOLIC	
Sunday Mass	0830
Daily Mass (except Sunday)	1135
Confessions	1630-1700 Friday
Religious Education Classes (Annexers 1, 2 & 4)	0745-0815 Sunday
1000 Sunday	
JEWISH	
Friday (East Wing)	1930
UNITARIAN	
Sunday (Annex 95, as announced)	1930



KEEPS BALL MOVING — There's a active plenty in the Youth Soccer League games played each Saturday. Shown controlling the ball for his team is Joe Nelson, a forward-fullback for the Rogues. The closest defender is Patrick Garrison (at right) of the Sounders, who defeated the Rogues by a score of 2-0 as they won their second game of the season. — Photo by PH3 Rick Moore

Youth Soccer League results...

(Continued from Page 6)

The other was scored with the help of an assist by Marcus Lopez.

Scores of other Division Two game were Cosmos 2, Lancers 0; Sockers 5, Drillers 1; Blizzard 3, Sting 1; and Earthquakes 2, Aztecs 0.

Scott Ross led the defense for the Cosmos in their 2-0 win over the Lancers. Goal scoring for the Cosmos was by Steve Sticht and Mike Oliver.

The Sockers scored four times in the second half after being held to a 1-1 tie in the first half of their game with the Drillers. Jon Rae, with two goals and two assists, led the Sockers on offense, while Carter Jones tallied twice and Natalie Noel had a goal and an assist for the Sockers in their 5-1 win over the Drillers.

Tofi Tupala tallied the only goal for the Drillers in their game with the Sockers. David Gartner with a solo goal and an assist on a goal tallied by Sean Cassidy led the Blizzard on offense in its 3-1 win over the Sting. The Blizzard got on the scoreboard first with a penalty kick for a goal by Damon Kelling. Sam Briggs had the only goal of this contest for the Sting.

The Earthquakes scored twice and then threw up a strong defense to knock off the Aztecs by a score of 2-0. Dwight Mason accounted for goals for the Aztecs — getting one on a solo effort and the other via an assist by Michael Ogren.

A pair of close games that resulted in 1-0 wins by the Cobras and Eagles over the Coyotes and Express, respectively, were played in Division 1 of the Youth Soccer League. In three other games between Division 1 teams, the Rowdies, Owls and Apollos routed their foes by scores of 4-0, 6-0, and 10-0.



GOOD FORM — Michael Kinne, of the Sounders, keeps his eye on the ball as the prepares to boot it downfield during the Sounders vs. Rogues Youth Soccer League III. — Photo by PH3 Rick Moore.

Hikers, campers warned about added danger of hypothermia

The approach of cold weather brings an increase in the danger of hypothermia for hikers and campers.

Hypothermia, or exposure as it is sometimes called, is the cause of over 85 percent of all wilderness deaths, making it more lethal than avalanches, animal attacks, or lightning.

This hazard is basically a failure by the body to maintain the proper internal temperature necessary for life-sustaining cardio-respiratory functions. Symptoms of hypothermia include severe shivering, slurred, or slowed speech, uncoordinated movements, and apparent exhaustion or drowsiness.

Hypothermia does not always occur in severe cold weather, but can strike when the air temperature is cool, which makes it particularly dangerous for people who don't necessarily "feel" cold.

The best prevention against hypothermia is to dress for the weather conditions, be properly rested, eat well, and avoid windy, wet, or cold conditions.

Wearing a windbreaker will reduce the effects of wind and water, and eating high energy foods, such as hard candy, several times a day will provide the internal energy necessary to avoid becoming chilled.

Also, it pays for a hiker, faced with a change in the weather, to come prepared by carrying warm clothing and a shelter, such as a tent or a space blanket (a lightweight aluminized sheet that can be carried by a day hiker), in case of a sudden storm.

A hiker should also use enough common sense to stop and make camp before tiring, which is better than trying too "get to the top of the mountain," only to die there.

Panic, or any wasted effort, in an emergency situation only amplifies the danger, while staying calm and putting effort towards building a shelter or gathering fire wood would be far more conducive to survival.

Children should be instructed by their parents, that if the child becomes lost while in the woods, to remain in one place and,

quite literally, hug and talk to a tree. This will aid search parties trying to locate the child, as well as give the youngster a focus of activity that will provide reassurance and hope.

If hypothermia is detected, the victim should be moved to a shelter, such as a tent, snow cave, or anything out of the wind or rain. All wet clothing should be removed and replaced with dry garments, if possible. Place a person in a sleeping bag and add extra warmth, even if that means crawling into the bag with the person.

If the person is conscious, warm drinks may be given to help speed the rewarming process, but under no circumstances should alcohol be given as this will complicate the recovery.

With a little awareness and planning, an outing into the wilderness can be an enjoyable adventure, even when the temperature dips down.

Burros football...

(Continued from Page 6)

under his arm and, after sidestepping two would-be tacklers, ran into the end zone for a touchdown that averted a shutout. The Burros were successful on the try for the point-after-touchdown, and the game ended with Saint Maria on top by a final score of 27-7.

Mike Stanley, a defensive lineman, is a doubtful starter in tonight's game at Quartz Hill, while Ray Haleman, who suffered a broken arm in the Burros' loss to Bakersfield High on Sept. 21, will not be back to play for a few more weeks, if then.

At Quartz Hill, the Ridgecrest team faces the task of stopping Aaron Emmanuel, one of the outstanding high school running backs in this part of the state.

Last year on the Burros' home field, Emmanuel score five touchdowns in addition to the all-important 2 points after the final tally during a game in which the Rebels came from behind to edge Burroughs High by a final score of 36-34.

Promotional opportunities

(Continued from Page 2)

NAVAIR, OPNAV, DNI and other laboratories in the conduct of planning studies which impact the future course of both Naval aviation and the Center. The incumbent will be responsible for developing and maintaining a macroscopic view of Navy needs, missions, and objectives to ensure that the analyses conducted consider the broad impact on Center planning. A strong technical background and understanding of Naval operations is desired. Job Elements: Ability to: research and analyze pertinent information, identify key assumptions, focus on key issues while maintaining a broad Navy view, and draw relevant and supportive conclusions; write clearly and concisely; give oral presentations; deal effectively with people at all levels. Prior knowledge of Navy Budget and RDT&E processes, as well as a broad knowledge of NWC and Navy programs would be helpful.

No. 14-007, Interdisciplinary (General/Electrical/Electronics Engineer/Computer Scientist), DP-801/850/855-3, Code 1421 — Incumbent will be the Communication Security Engineer responsible for planning, design and coordination for a protected system in support of the Center's voice, data and video communications system. Will be responsible for the acquisition of COMSEC equipment from the National Security Agency and the coordination of the systems design, installation and application of this hardware. Will also help to develop operational procedures to ensure that security requirements imposed by on and off Center organizations are met. Job Elements: Thorough understanding of basic communication technology and application of security measures, including TEMPEST considerations, hardware and software; operation and interrelationship of various components within a large scale communication system; knowledge of DoD ADP and communication security rules, regulations and policies; ability: plan, manage and implement a Centerwide effort; coordinate with various organizations; participate effectively on a technical team; communicate effectively. Status eligible may apply.

No. 24-112, Police Dispatcher, GS-301-2/3/4, Code 2413 — Performs dispatching duties for Police Division and maintains radio communications with NWC Guard Posts, Fire Division, Naval Investigative Service, and off-Center police agencies. Coordinates and controls radio traffic between police units; responds to requests for assistance by police units and/or notifies appropriate source, furnishes requested information to the public, or refers to appropriate authority. Job Elements: Ability to communicate clearly, orally and in writing; demonstrated tactfulness and diplomacy, experience in radio communications; ability to work effectively in stress situations.

No. 31-082, Interdisciplinary General/Electronics/Aerospace Engineer/Physicist, Computer Scientist, Mathematician, DP-801/855/861/1310/1350/1350-3/4, Code 3185A — AV-4B Deputy Program Manager responsible for avionics and tactical software including technical,

management, liaison, and supervisory functions for the program manager to meet sponsor and USMC requirements. Interface with MCAIR and other contractors in planning, scheduling, coordinating, and flight test areas. Establish and monitor inter/intra-branch technical task agreements. Elements: Ability to prepare and implement technical programs and meet schedules; supervise or direct civilian and military personnel at all levels, including support of the EEO program. Knowledge of avionics/weapon systems. Previous applicants need not reapply.

No. 32-131, Interdisciplinary Supervisory General/Mechanical/Materials/Chemical Engineer/Physicist/Chemist, DP-801/830/856/883/1310/1320-3/4, Code 326B — Head, Explosives Development Composite (Code 326B), responsible for all new and existing product marketing activities, developing manpower and facilities plans, and supervision of four branches and appropriate program managers involved in the development of explosives. Elements: Knowledge of: explosives development procedures. Skill: as program manager or line manager dealing with external program sponsors. Abilities: to develop and implement growth plans that are consistent with weapons development requirements; to supervise a diverse technical team; to support Federal EEO program policies and goals. Promotion to DP-4 must be approved by Center management.

No. 32-132, Supervisory Research Chemist, DP-1320-3/4, Code 3264 — Head, Explosive Formulation Branch (Code 3264), responsible for scale-up of chemical synthesis procedures of new explosives materials, and development of experimental explosives formulations, binders, linen materials, and inert simulants. Elements: Knowledge of: chemical synthesis and formulations procedures for energetic materials; knowledge of chemical kinetics modeling; experimental techniques as they apply to energetic materials. Abilities: to supervise a team of diverse technical disciplines; to lead and contribute to a scientific organization; to support Federal EEO goals and policies. Promotion to DP-4 must be approved by Center management.

No. 32-133, Supervisory Research Chemist/Research Physicist, DP-1310/1320-3/4, Code 3265 — Head, Thermal Research Branch (Code 3265), responsible for analysis, laboratory and intermediate scale experimentation to determine the thermal behavior of energetic materials and the interaction of such materials with other substances, and the ordnance system design. Elements: Knowledge of: thermal response of energetic materials (as demonstrated by scientific accomplishment) and heat transfer and chemical kinetics modeling; experimental techniques as they apply to energetic materials. Abilities: to supervise a team of diverse technical disciplines; to lead and contribute to a scientific organization; to support Federal EEO program policies & goals. Promotion to DP-4 must be approved by Center management.

No. 32-134, Supervisory Research Chemist/Research Physicist, DP-801/830-3/4, Code 3266 — Head, Detonation Mechanics Branch (Code 3266), responsible for (as demonstrated by scientific accomplishment) characterization of detonation phenomenon to characterize

the detonation properties and hazards associated with the program manager to meet sponsor and USMC requirements. Interface with MCAIR and other contractors in planning, scheduling, coordinating, and flight test areas. Establish and monitor inter/intra-branch technical task agreements. Elements: Ability to prepare and implement technical programs and meet schedules; supervise or direct civilian and military personnel at all levels, including support of the EEO program. Knowledge of avionics/weapon systems. Previous applicants need not reapply.

No. 32-135, Supervisory Chemical Engineer, DP-850-3/4, Code 3267 — Head, Explosives Process Development Branch (Code 3267), supervises the development of processes for loading new and existing explosives into useful configurations, loading experimental warheads, and preparation of explosive processing and explosive loading specifications. Manpower and facilities plans will be developed consistent with growth potential dictated by weapon development requirements. Elements: Knowledge of: processes and procedures for loading energetic materials. Abilities: to develop and implement manloading and facilities plans consistent with projected requirements; to supervise a line organization; to support Federal EEO program policies and goals. Promotion to DP-4 must be approved by Center management.

No. 32-136-84, Interdisciplinary (Electronics Engineer/Computer Scientist), DP-851/1550-2/3, Code 3268 — Responsible for analysis, testing, and updating of the Phoenix DSU-28/B Target Detecting Device software and firmware; reviews and defines contractor testing requirements, approaches, and success criteria; approves ECPs and coordinates directly with contractors and government organizations. Job Elements: Knowledge of fundamental software/firmware engineering principles and practice. Abilities: interface with hardware designers; plan, schedule, and coordinate software projects.

No. C-34-021, Editorial Assistant, GS-1087-5, Code 3413 — Performs composition, layout, copyediting, and proofreading services for a variety of technical manuscripts and visual aid requests. Responsible for the preparation and accuracy of final camera ready copy for reports produced in the branch. KSAs: K-English language, grammar, spelling, use of abbreviations, and proofreading techniques; K-composing equipment required; A-Prepare and lay-out copy in a meaningful format; A-work accurately under pressure of deadlines. Promotion potential to GS-7.

No. C-35-652, Engineering Data Management Specialist, DS-301-1, Code 3515 — Carry out procedures relating to configuration management of EW tactical embedded software. Procedures include handling of documents and computer media with an emphasis on automated (computer data base) CM programs. Software library maintenance will be included. KSAs: K-computer operation (OS language, editor, word processor, etc.); A-Initiate and maintain software CM data base program; deal with technical personnel at all levels, on and off Center.



Scorpions '69 team ties one, wins one in youth soccer action

A hard-fought tie game and a 4-1 win were racked up over the past weekend by the Ridgecrest Scorpions '69 Soccer Club coached by Kenold Prince.

Both games were played at the Murray Junior High School soccer field, where the '69 Scorpions also will be in action at 1 p.m. tomorrow against their counterparts from Victorville.

On Saturday, the Scorpions were held to a 1-1 tie by a youth soccer team representing Apple Valley.

Midway through the first half of the Apple Valley game, Craig Rindt broke through and scored a goal for the Scorpions, whose 1-0 lead held up for the remainder of the first half.

A momentary lapse in a game dominated by the Scorpions enabled the visitors from Apple Valley to tie the score 1-1 after 15 min. of play in the second half.

After that, however, the Scorpions maintained an edge on offense, but could score just one goal that was wiped out by an offside ruling, and the game ended in a 1-1 draw.

Singled out for their play on offense for the Scorpions were Matt Mechtenberg, Bryan McCrary, Craig Rindt and Matt Ziegler, while Scott Hamilton, Jim Caves, John Dykema and Jeremy Meyers rated kudos for their efforts on defense in the Apple Valley game.

In Sunday's game with the Grand Terrace Warriors, the '69 Scorpions made up for a previous loss to the Warriors by knocking them off 4-1.

The Scorpions got off to a 2-0 lead on the strength of two goals by Craig Rindt, who was on the receiving end of passes from Jim Caves and Bryan McCrary.

A miscue on defense allowed the Grand Terrace Warriors to cut the Scorpions' lead to 2-1 before the Scorp began to roll again. Two goals by Caves, one on an assist by Rindt, provided the Ridgecrest team with its final 4-1 margin of victory in the Grand Terrace game.

Prince was pleased by the level of play — especially the passing and shooting displayed by the '69 Scorpions, who were led on offense by Caves and Meyers.

Cal Gas keglers move into 1st place in Premier League

For the second time in as many weeks, there is a new team in first place in the Premier (scratch) League at Hall Memorial Lanes.

The Cal Gas keglers, who had been in third place prior to last Monday night's action, pounded out a 20-5 win over the Raytheon Sidewinders on Monday night to replace the Olympia Beer bowlers as the Premier League leaders, after the beermen found themselves on the short end of 19-6 score in their matchup with the Hideaway.

Third place is held down by the Elks Lodge team, which began the fall season of competition in first place.

High team game was the 970 rolled this past Monday night by The Place, and it was the Cal Gas keglers who came through with the league's high team game of 2783.

Four Premier League bowlers, led by Gene Lish, who had a 639 total, topped the 600 series mark. In addition to Lish, they were Ken Dalpiatz (624), Bob Hooper (608), and Ernie Lanterman (601).

Bowlers with single game scores of more than 220 were Dalpiatz (245), Lish (236), Pat Nalley (223), and Chuck Cutsinger (221).

Burroughs High gridgers open league play tonight

Burroughs High School's varsity football team, still looking for its first win of the 1984 season after being knocked off 27-7 by the Santa Maria Saints last Friday night at Santa Maria, opens Golden League play by traveling to Quartz Hill this evening.

Kick-off time is 7:30 p.m. for the varsity tilt, which will be preceded by a sophomore game that is scheduled to get underway at 4:45 p.m.

The game at Santa Maria was the fourth consecutive defeat for the Burros, who once again found themselves unable to get the ball into the opposing team's end zone until late in the game when the outcome had already been decided.

The Burros, who left the field trailing 13-0 at the half, displayed the aforementioned syndrome by driving down inside the Santa Maria 20 yd. line three times in the first half. Two dropped passes cost the Ridgecrest team a touchdown each time, Gene Vejtsa, head coach of the Burroughs High varsity football team, recalled.

Completion of these two aeriels would have changed the complexion of the game for the Burros, who started off the contest intent on improving their running game, and did so quite well.

Tim Lewis, speedy tailback for the BHS varsity, had his best game of the season at Santa Maria as he gained 135 yds. in the 21 times that he carried the ball.

Tony Shields, fullback, did a good job of blocking for Lewis, as did Larry Jeffris, the BHS center, who pulls out and runs interference for the ball carrier on some of the Burros' running plays.

The Saints got one touchdown on a long gainer early in the game, but thereafter, went predominantly to a grind-it-out offense that featured pitchouts to tailback Fred Phillips and fullback Wayne Dudley, and running and passing by Mike Eames, the Santa Maria quarterback, who scored two touchdowns on runs.

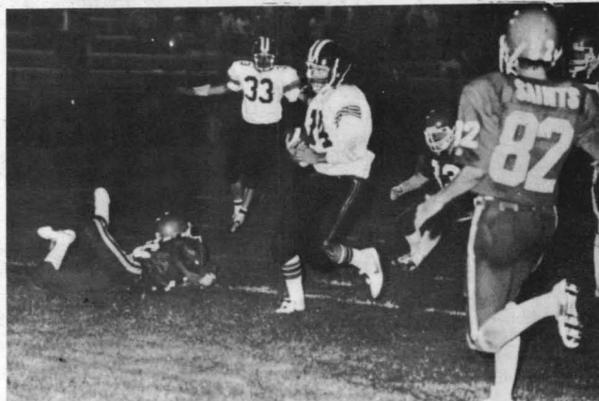
Roughnecks edge Diplomats in youth soccer play

A 2-1 win by the Roughnecks over the Diplomats highlighted last Saturday's action in Division 3 (for 5th and 6th graders) of the Youth Soccer League.

On this, the second weekend of play in the Recreation Services Department-sponsored league, another 13 games were played by nearly 400 boys and girls competing on teams composed of youngsters in the first through sixth grades.

In what was largely a defensive struggle in the first half, the Roughnecks were able to capitalize on a penalty shot by Robbie Stark to take a 1-0 lead.

Both teams improved on offense in the second half of play during which Paul Ashton tallied for the Roughnecks on a 30-yd. blast that gave his team a 2-0 lead, before the Diplomats broke through to score in the final period of play to avert a shutout. Scott Becker tallied the lone goal for the Diplomats, who were led on defense



DOORWAY LEFT OPEN — Steve Barkley (No. 14), quarterback for the Burroughs High School varsity football team, tucked the ball under his arm and ran 6 yds. for the Ridgecrest's team's only touchdown of the night during a 27-7 loss to Santa Maria last Friday in Santa Maria. Too late to prevent the score is Mark Bachman (No. 82), a defensive back for the Saints. Barkley's touchdown run was set up by first dropping back to try a pass. — Photo by PHAN Greg Hogan

Eames mixed in passing attempts often enough to complete 6 of 15 aeriels, including one pass that was good for a touchdown.

Defensive standout for the Burros was Chad Carrasco, who was joined by Chad Walker in pursuit of Eames on a first quarter play that resulted in a 37-yd. loss by Eames, who was chased deeper and deeper into his own end of the field before finally being dropped by Walker.

Carrasco, who was in the Saints' backfield all night long harrasing the quarterback, dropped Eames three times for losses and made it tough for the Santa Maria team to get its offense clicking smoothly.

Forced out of their plan to run the ball

more often, after falling farther and farther behind as the game progressed, the Burros took to the air for a season high of 33 times. Barkley, quarterback for the Ridgecrest team, completed just eight passes for 70 yds., and had three of his aeriels picked off by the Santa Maria defensive secondary.

The Burros' lone touchdown of the contest was scored with just under 5 min. left to play until the final gun. With the Burros in possession and the ball at the Santa Maria 6-yd. line, Barkley took the ball from center, and faded to pass on a fourth down play.

Seeing that all of this potential receivers were covered, Barkley tucked the ball (Continued on Page 7)



BATTLE FOR BALL — Two players for the Sounders and one for the Rogues go for the ball in this bit of action during this Youth Soccer League contest that was won, 2-0, by the Sounders. Nathaniel Nickell (at left) and a Sounders' teammate, Lance Kilpatrick, both approach the ball at the same time that Kelly Richison (at right), of the Rogues, is moving in. — Photo by PH3 Rick Moore.

fort by Robby Blevens.

The Whitecaps rebounded from a 2-1 loss in the season opener to trounce the Kicks 6-0 this past Saturday. Good team play, especially passing the ball on offense, was the key to this lopsided win.

Steve Mills and Mike Stratheede scored two goals each for the Whitecaps, while Chris Marshall and Derek Brown hit one goal each for the 'caps.

A hotly-contested game that ended in a 3-2 win by the Timbers over the Strikers topped the action in Division 2 of the Youth Soccer League.

Good defense by both teams was the trademark of the first half of play, and both teams also proved adept at moving the ball.

The win by the Timbers was the result of two goals by Benny Trujillo and a solo effort by Hugo Montes that broke a 2-2 tie and won the game. The victory was a great comeback for the Timbers, who suffered an 8-1 loss in their first game of the season.

The Strikers' two goals were tallied by Cash Benton — one was a solo effort, while (Continued on Page 7)

Over-Hill Track Club invites participation in 10-kilometer run

Energetic souls who'd like to start the weekend off with a bit of exercise are invited to take part in a 10-kilometer run sponsored by the Over-the-Hill Track Club (OTHTC) tomorrow morning.

Signups will be at the Center gym starting at 7:30 a.m., with the race scheduled to start at 8:30. The course will be through scenic (and flat) stretches of NWC.

All those who finish the run will receive a cap with the OTHTC logo, and age group awards will be presented to men and women. Registration cost to OTHTC members is \$4 per person; for all others, the fee is \$5.

Anyone interested in more information about the run should telephone Scotty Broyles at 446-2941.

The Skipper sez



All China Lakers, including military personnel, civilian employees, and their dependents are invited to submit questions to this column. Such queries must be in good taste and pertain to matters of interest to a large segment of the China Lake community. Answers to these questions are directly from Capt. K. A. Dickerson. Please call NWC ext. 2727 with your question and state whether you are a military member, civilian employee or dependent. No other identification is necessary. Since only three or four questions can be answered in the Rocketeer each week, anyone who would like to ensure getting an answer to a question may leave name and address for a direct contact, but this is not required otherwise. There is no intent that this column be used to subvert normal, established chain-of-command channels.

QUESTION

Military Dependent — I think the medical care is quite satisfactory here at China Lake, and above board satisfactory, but we really need a pediatrician on the staff. We recently acquired two new M.D.s. Is there any way to get a pediatrician?

I've had too many close calls with my kids and been put through needless worry simply because medical personnel weren't accustomed to working with children all that much. Once a month for a pediatrician visit is really not sufficient. If there's any way we could get the mothers to sign a request from all around the base we could really prove we need a pediatrician. Thank you.

ANSWER

The need for a pediatrician on staff at the Branch Medical Clinic has been investigated by the Naval Hospital Long Beach and by the Inspector General, Medical. In both cases, it has been determined that a full-time pediatrician at China Lake would not be the best utilization of our physician resources. And a full time pediatrician in a strictly outpatient setting would not be desirable for the physician, as we do not have the equipment, ancillary staff, or variety of illnesses amongst our patient population to support a child specialist.

Pediatricians need to be in, or closely associated with, a hospital so their talents can be fully utilized and their skill levels maintained.

A pediatrician from the Naval Hospital Long Beach normally spends three days per month at China Lake (this is an increase of one day). For those patients who cannot wait to see this doctor, there are several pediatricians available in Ridgecrest, or pediatric appointments are generally available at either the Naval Hospital Long Beach or Edwards Air Force Base.

QUESTION

Civilian Employee — I am just curious why the last two times the Blue Angels were here it was on a Sunday. It really makes it difficult for people to attend church services that day. I know last time my kids were just crushed because they couldn't go and this time it's going to happen again.

I feel, in our family, that church is more important than the Blue Angels. Their visits used to be on a Saturday, and now it's been changed to a Sunday the last two times that they come here.

ANSWER

I agree that church is important. However, since the airshow doesn't begin until 1 p.m., it will allow most people to attend church first. I understand that any Sunday activity works an unacceptable hardship on some people, but I have many considerations to take into account for events such as this.

You might like to know that we are indeed sensitive to your concerns, and in our request for the Blue Angels, we specified that we wanted either the 6th, 13th, or 20th of October — all of which are Saturdays. Unfortunately, the only day they are available to be here is 14 October.

As Commander of the Naval Weapons Center I have a responsibility to all of our employees, as well as to the Navy-wide recruiting effort to do my best to generate the largest possible audience for our Navy Birthday celebration. The single largest attraction I have available is, of course, the Blue Angels. It is clear that any day would work a hardship on some people, as this day is for you, but it is simply the best I can do. Thank you for your concern.

NWC achieves major aviation safety milestone

The Naval Weapons Center recently achieved a major aviation safety milestone: more than 19,000 flight hours spanning a five-year period without a Class A aircraft mishap.

A Class A mishap involves either a fatality or damage to the aircraft (or property damage resulting from an aircraft mishap) in excess of \$500,000.

A recent message from Vice Admiral J. B. Busey, Commander of the Naval Air Systems Command, said, "NWC has proven we can face extremes in weather, a constant battle with foreign object damage, very demanding flight conditions and win. The reason you win is that you are professionals in everything you do. Don't let up."

The professionalism on the part of all the personnel involved with the Center's flight operations is credited by LCDr. Buz Massengale, Aviation Safety Officer in the Aircraft Department, as being the major factor in attaining this outstanding safety record.

Another major factor is the sincere concern on the part of the entire corporate management of the Naval Weapons Center for safety. The Center's Commander and Technical Director actively and vocally support the Aircraft Safety Board (ASB) made up of representatives of both the Laboratory and Test and Evaluation Directorates. The ASB gives the recommendation/approval for flight of aircraft modified with the highly complex and sophisticated systems developed for tests at China Lake.

This atmosphere conducive to safety that

is fostered by Center Command not only lends credibility to the safety program, LCDr. Massengale feels, but also makes possible an ongoing accident prevention program that involves all levels of personnel involved with local aircraft operations and maintenance.

OSCS Jeff Hathorn, Aviation Safety Assistant, heads the Non-supervisory Safety Committee that includes members of each airfield work center. The committee meets monthly to discuss all types of safety-related information, with each person of whatever rate or rank expected to contribute to the discussion.

In addition, locally developed "In-House Mouse" report forms that can be filled out anonymously to report unsafe practices or conditions are available at 13 different locations on the airfield. These reports each receive careful attention and lead toward corrective actions to prevent a recurrence of hazardous conditions or procedures.

Considering that 12 different types of aircraft are flown by the pilots on board, LCDr. Massengale says that the excellent safety record truly indicates their high degree of professionalism, especially since project flights can be extremely demanding. All of the project pilots are very experienced in their type aircraft and most have had test pilot school training prior to coming to the Center.

"They really have to know the limits of their aircraft because much of the project work requires that they fly near the edge of the aircraft's flight envelope. Pilots here are unusually conscientious and have dem-



SCIENTIFIC WORK MERITS AWARD — A recent meeting held here by the Commanding Officers and Technical Directors of Navy laboratories provided an opportunity to recognize the outstanding contributions of the laboratories to the Navy's independent in-house Research and Development (IRID) programs. An IRID banner, presented by Gary Morton (at left), Director of Navy Laboratories, was accepted by Capt. K. A. Dickerson, NWC Commander, and B. W. Hays, Technical Director. Also commended for their IRID accomplishments were the Naval Underwater Systems Center, Newport, R.I., and the Naval Surface Weapons Center, Dahlgren, Va.

DK2 Danny Grace singled out as Sailor of Quarter by PSD

DK2 Danny K. Grace, a voucher examiner in the Military Pay Division of the Personnel Support Activity Department, China Lake, is the recent recipient of a letter of commendation for being selected as PSD's Sailor of the Quarter for the fourth quarter of fiscal year 1984.

DK2 Grace, who returned in June from DK "C" School, "superbly applied himself to increase productivity and service within the Voucher Section of Disbursing," it was noted in the letter of commendation presented to him by Lt. R. W. Tallman, officer-in-charge of PSD.

The honoree's commanding officer pointed out that DK2 Grace "quickly brought a normal three-day turnaround for the liquidation of travel claims to 24 hours or less." For two consecutive reporting weeks, there was a zero balance of travel claims on hand at the end of the work week.

Lt. Tallman congratulated DK2 Grace for having become an expert in the computa-

tion of travel claims, and praised his positive attitude towards customer service that has been reflected in numerous comments from customers who were pleased with the timeliness and accuracy in the computation and completion of travel claims.

A veteran of seven years of active duty in the Navy, DK2 Grace joined the military service at Subic Bay in the Philippine Islands.

Prior to being transferred to PSD, China Lake, a little more than a year ago, he served for about 15 months as a paying agent on board the aircraft carrier USS Enterprise homeported at Alameda, Calif.

In addition to being honored by his selection as Sailor of the Quarter for the fourth quarter of FY 84, DK2 Grace successfully completed nearly a year of studies and preparation for becoming a U.S. citizen.

He traveled to Fresno, Calif., to take part in naturalization ceremonies held there on Sept. 24.



DK2 Danny K. Grace

Paychecks don't include utility rate changes

Civilian residents of family housing at China Lake who took a close look at their paychecks received last Friday noticed that the scheduled rate increase for utilities was not withheld.

Errors occur, but they must be corrected. In short, both the correct amount for the utility increase that should have been taken

out of the last check, plus the amount that will regularly be withheld, will be deducted from the Oct. 19 paycheck.

Starting with the Nov. 2 paycheck, the right amount will be withheld each time.

Both the Payroll Branch and the Housing Division regret any inconvenience that this may have caused tenants.

Police reports . . .

Two girls, one 15 and the other 16 years of age, were taken into custody at 11 a.m. Tuesday after being discovered in the tree line off Rowe Street during school hours. They were turned over to school authorities for further action.

SHOPLIFTING REPORTED

Employees in the Navy Exchange retail store reported to police Tuesday morning that they had found three empty boxes indicating that the items within the boxes had been stolen. Missing were a Pentax 35mm camera valued at \$200, a Tosheba Walkman valued at \$125, and a Pioneer radio valued at \$100.

BICYCLE FOUND

A Murray bicycle valued at \$160 was found behind a residence on Lexington Avenue on Tuesday.

AUDIO BOX STOLEN

A car owner reported at 4:45 p.m. Tuesday that someone had entered his vehicle parked in the north parking lot at Hangar 3 and removed an equalizer audio box valued at \$100.

JUVENILE IN CUSTODY

At 11:40 a.m. last Friday, Oct. 5, a 15-year-old girl at Murray Junior High School was found to be in possession of paraphernalia. She was placed in custody, and then was released to her parents.

MOTORCYCLE HELMET SWIPED

Late Friday afternoon a victim reported that his motorcycle helmet was taken from his vehicle while it was parked in the Michelson Laboratory parking lot. Estimated value of the missing helmet is \$150.

RIDGECREST POLICE ASSISTED

Last Saturday at 1:50 a.m., China Lake police assisted the Ridgecrest police by administering the alcohol breath analyzer test to a suspected drunk driver.

BIKE RECOVERED

A 20-inch boy's bicycle was recovered Sunday in the early evening on the dirt road back of Blue Ridge Road.

YOUTH ARRESTED

At 8:15 a.m. Monday, China Lake officers arrested a 15-year-old male for assault with a deadly weapon. He was transported to the Ridgecrest Police Department and turned over to Ridgecrest officers, since the request had come from Ridgecrest police.

TOOL BOXES TAKEN

The theft of two tool boxes from a storage area in the Public Works Department compound was reported on Thursday, Oct. 4, to China Lake police.

The privately-owned missing tools are marked for identification with the initials "CEN." Value of the stolen property is estimated at \$300.

BOY'S BIKE ABANDONED

A boy's bicycle was found on Thursday, Oct. 4, where it had been abandoned outside the Chief Petty Officers' Mess. After properly identifying this 24-in. wheel bike, the owner call claim it at the China Lake Police Division office on East Inyokern Road.

FUEL FITTINGS REMOVED

A petty theft was reported early on the morning of Oct. 3 at the fuel farm. Two fuel fittings were removed from a storage shed. The aluminum fittings are valued at \$400.



ENERGY CONSERVATION EFFORT REWARDED — The Naval Weapons Center was one of three Navy laboratories to be recognized for significant accomplishments in the field of energy conservation during a meeting of laboratory Commanding Officers and Technical Directors held here on Oct. 14. Accepting an energy conservation award from Gary Morton (at left), Director of Navy Laboratories, on behalf of NWC are Capt. K. A. Dickerson, NWC Commander, and B. W. Hays, Technical Director. Others honored in similar fashion were the Naval Underwater Systems Center, Newport, R.I., and the David Taylor Naval Ship Research and Development Center, Bethesda, Md. — Photo by PHAN Greg Hogan

Blackwell receives TD Award. . .

(Continued from Page 1)

Lake in June of that year to begin a year-long Junior Professional employee tour. He was then assigned to the former Aviation Ordnance Department, and worked on the development of high brightness displays for the Walleye missile program to be used on the A-4 aircraft.

While still with AOD a few years later, Blackwell was involved as a guidance engineer on the Condor — a TV-guided, air-to-surface standoff weapon — and also worked as a missile system engineer whose duties included the assembly and testing of rocket motors and warheads.

Blackwell remained with essentially the same working group through a series of department name changes before (in about 1973) joining the Modular Weapons Program Office of former Code 40 — working for Dave Livingston.

This involved him in formulating concepts for the modular weapons family of air-to-surface weapons, and also working with the Air Force on studies of future requirements for advanced attack aircraft. It was with this background that he was appointed NWC Program Manager for the Maverick missile system in 1976. Program milestones reached along the way have included, Blackwell said, a highly successful joint service Development, Test and Evaluation Program by the Navy and Air Force and, in the fall of 1981, an Operational Test and Evaluation conducted by Air Test and Evaluation Squadron Five (VX-5) that was equally successful.

This OPEVAL led to a decision to proceed into limited production by the Hughes Corp. in 1982. Since that time, Blackwell and his team have been working continuously on integration of the Laser Maverick missile system with the Weapons System Support Activities of the A-4, A-6, F/A-18, AV-8B Harrier and A-7 aircraft.

Payment must be in cash or guaranteed instruments such as a cashier's check, certified check, or traveler's check. Purchasers have until Thursday, Nov. 1, to pay for and remove items before storage charges are applied.

Prospective bidders who do not have a pass allowing them access to the Center's interior security area must stop at the main gate and obtain one.

Further details may be obtained by telephoning Greg Berry, NWC ext. 2502 or 2538.

Further details may be obtained by telephoning Greg Berry, NWC ext. 2502 or 2538.

Blind skier to speak Oct. 17 at Handicap Awareness Wk. lunch

Today is the last day to purchase tickets for the luncheon next Wednesday, Oct. 17, in observance of Handicap Awareness Week at which a world champion blind skier will be the featured speaker.

Mike May, who holds a downhill speed record for the totally blind of 54 miles per hour, and also has earned numerous other medals for alpine skiing nationally and internationally, will be the featured speaker at this lunch at the Commissioned Officers' Mess at 11:30 a.m. Wednesday. His speech is entitled "Creating Opportunities: Computers and Sports for the Blind."

May and his coach and ski guide, Ron Salviolo, were honored by President Ronald Reagan at a reception for the U.S. Winter Olympic team at the White House last February.

May is also the host of an upcoming series of television documentaries about sports for the disabled. He is currently marketing manager for Final Technology, a stereo products company, and has worked for the Bank of California and TRW, as well as being the first blind professional person employed by the Central Intelligence Agency.

Menu choices for the lunch are either a chef salad at \$5 per person or chopped sirloin Lyonnaise at \$5.50. Reservations may be made by telephoning Jerri de Geus at NWC ext. 3129, and tickets must be picked up by the close of business today.

Other events planned during the week include a series of workshops for which pre-enrollment was required and a film festival that will be held on Friday, Oct. 19, at the Flight Deck room of the Enlisted Mess. The film festival is open to everyone who wishes to attend.

The films that will be shown are "A Different Approach," which will be screened at 8 a.m.; "Tell Them I'm a Mermaid," at 8:30 a.m.; and "To Find a Voice," at 9 o'clock.

Auction scheduled of surplus government property on Oct. 25

The Defense Property Disposal Office at NWC announced that a public auction will be held on Thursday, Oct. 25, starting at 9 a.m. at Warehouse 41 (Bldg. 1073).

Among the nearly 400 items to be offered for public sale will be IBM electric typewriters, electric motors, tape recorders, paints, coating and sealing compounds, ice makers, cafeteria equipment, evaporative coolers, tractor mowers, tires, a hydraulic tower, automotive parts, stove pipe, cement, mortar, plaster, tube testers, power supplies, desks, chairs, and wood pallets.

The items will be on display for inspection from 7:30 a.m. to 3:30 p.m. weekdays, beginning Wednesday, Oct. 17. A complete list as well as sales terms can be seen at Bldg. 1073.

Registration begins at 8 o'clock on the morning of the sale. Bidders must be present and registered to bid; mailed bids cannot be accepted. Items purchased may be removed on the sale date provided full payment is made.

Payment must be in cash or guaranteed instruments such as a cashier's check, certified check, or traveler's check. Purchasers have until Thursday, Nov. 1, to pay for and remove items before storage charges are applied.

Prospective bidders who do not have a pass allowing them access to the Center's interior security area must stop at the main gate and obtain one.

Further details may be obtained by telephoning Greg Berry, NWC ext. 2502 or 2538.

Navy Hotline for Fraud, Waste and Abuse Call: (800) 522-3451 (toll free) 288-6743 (Autovon) (202) 433-6743 (commercial)

Realistic disaster exercise gives emergency personnel good training



OFF TO THE AMBULANCE — A "victim" of the simulated earthquake is transported across the Michelson Laboratory compound to the waiting vehicle so that he can be taken to either the NRCM Branch Medical Clinic or (if apparently seriously injured) directly to the Ridgecrest Community Hospital. — Photo by PHAN Greg Hogan

Those who listened to Kern County Channel 6 on radio scanners on Oct. 2 at noon were startled to discover that an "earthquake" had taken place in the local area, summoning forth all sorts of emergency personnel to help in treating the "victims."

The broadcast actually initiated one of the two disaster drills in which the Center's NRCM Branch Medical Clinic and the Ridgecrest Community Hospital participate each year. This drill was based on a scenario describing the aftermath of a quake in the local area, with "victims" simulating the kinds of injuries that could be expected following such a quake.

On the Center, four types of responses were involved in the drill.

Fire Division personnel and emergency medical technicians were called to one of the environmental laboratories in Michelson Laboratory to assist "victims" there, while China Lake police officers were called to the Public Works Department compound to take care of those presumably injured while working in that area.

The Technical Information Department's technical library theoretically also collapsed, but TID personnel in that location were told that no outside help would be available from the Fire or Police Divisions so they had to treat and transport "victims" themselves.

Emergency room personnel at the Branch Medical Clinic had to deal not only with those brought to the clinic by ambulance and police car, but also had to care for "walk-ins" — "victims" presumably injured in Center housing and other areas who either walked or were driven to the clinic for medical help.

Those who were presumably injured too seriously to be treated at the Branch Medical Clinic were taken to the Ridgecrest Community Hospital, where a similar exercise was underway.

"Victims" had been selected in advance and were given two cards each. One card was clipped to their clothing to describe apparent injuries; the second card (an actor's card) contained suggested responses on the part of the victim to questions asked by those trying to provide emergency treatment. Many of the "victims" really got into the spirit of the exercise by simulating hysteria, moaning, weeping,

complaining loudly of pain and acting disoriented.

In addition to trying to decide the appropriate treatment of the "victims" (based on the injury cards), medical personnel also logged the amount of medical supplies that would have had to be used in case such an earthquake had actually occurred; this log will be used to determine if medical stocks on hand would be adequate for an emergency.

Dick Millis, the Center's Disaster Preparedness Officer, said he felt that, all in all, the exercise went very well, and a lot of valuable lessons were learned from the simulated disaster. He expressed deep appreciation to all those taking part: The emergency personnel "victims;" other personnel involved; and, especially, to the dispatchers in the Fire and Police Divisions who had to handle the normal operational calls, as well as those for the simulated emergency, and still answer questions from concerned citizens who wanted to know what was going on.

New numbers listed for a variety of telephone services

Changes in a number of service telephone numbers at the Naval Weapons Center became effective this past Wednesday.

The function and the new numbers to call are as follows:

NWC switchboard operator, dial 4113 from phones within the FH area, or 9 plus 4113 from the airfield, ranges, China Lake Propulsion Labs, Salt Wells, and from switchboards such as the one serving the Public Works Department.

Telephone repair, dial 4114 from the FH area or 9 plus 4114 from all areas listed in paragraph two.

Long Beach tie line serving all facilities located at the Long Beach Naval Station at Terminal Island, dial 4110 or 9 plus 4110 from all areas listed in paragraph two.

Pocket Pager access (for calling 446 numbers only) dial 4118 plus the last three digits, or 9 plus 4118 from all areas listed in paragraph two.

Anyone with questions regarding these changes can obtain additional information by calling the Telephone Administration Office at NWC ext. 3451.

Security Seminar to be presented twice daily, Tuesday thru Friday

The "Security '84" seminar will be presented at the Center theater twice daily for four days next week. All NWC personnel, military and civilian, are required to attend one session, and are asked to sign an attendance record at the theater. Contractor and attached activity personnel are invited to attend.

The sessions will be held on Tuesday, Wednesday, Thursday and Friday from 9:30 to 11:30 a.m. and from 2:30 to 4:30 p.m.

The seminar will take an in-depth look at NWC security, and will address the areas of physical security, automatic data processing, the Naval Investigative Service, and operations security (OPSEC).

Personnel throughout the Center responded well to this year's audience participation questionnaire. More than 100 took the time to respond in writing. Their questions, suggestions, complaints and comments will be honestly and directly addressed.

Last year, the seminar theme centered around identifying and categorizing the total number of security offenses Center-wide; this year that theme has been expanded by breaking the number of offenses down to the department level.

The department achieving the best overall security record for fiscal year 1984 will be presented with an NWC Security Achievement Award. (The Safety and Security Department, although ranked with other departments, is ineligible to receive the award.)

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Flight maneuvers by Blue Angels to climax air show. . .

(Continued from Page 1)

developed at NWC, and many industrial displays can be seen inside the hangar. The Valley Vultures, a local radio-controlled model aircraft club, will present a mini "airshow within an airshow" twice, — the first time at 10:30 a.m., and the second show at 11:50, winds permitting.

Their show includes a parachute drop, aerobatic demonstration, dogfights, and U-control demonstration, as well as the opportunity for members of the audience to try their skills at controlling the models in flight.

At 1 p.m. the main air show will begin with the famed "flag drop" by one of the test parachutists from the Aerosystems Department. As he drifts to earth with a huge American flag, the crowd will join in singing "The Star Spangled Banner."

Four more Navy test parachutists will also take that one long step out the door of a DC-3 aircraft flying 8,000 feet above the crowd; they will show their skills in controlling their drop so that they will land at a predetermined spot.

Roaring through the sky next will be a B-52 bomber from the 93rd Air Wing at Castle Air Force Base, to be followed by a flight demonstration of an Italian Marchetti aircraft piloted by Chuck Leshner.

Warbirds — trainers, fighters, and bombers of World War II vintage — next will pass in review. The fly-by of the warbirds will be followed by a flight demonstration of a new Lear fan aircraft

before the first part of the air show concludes with Ian Padden's breath-taking aerobic performance in his specially modified Pitts Special.

The climax of the airshow will be an hour-long demonstration by the Blue Angels in their A-4 Skyhawk II aircraft. While the precision maneuvers demonstrated by the Blues are coordinated tactical techniques developed in practice and actual combat by Navy and Marine Corps aviators, the flight demonstration team brings these maneuvers down to eye level for the audience.

The Blues perform throughout the world to show the skills of Naval aviators, representing the Navy at such events as the Paris airshow.

The flight demonstration can be called an aerial ballet flown by six aircraft in three components: a diamond of four, two solo aircraft opposing each other in line of flight, and a delta of all six aircraft.

The average Blue Angel flight team member has spent at least four to six years on active flying duty; accumulating the minimum of 1,500 flying hours needed to qualify takes at least that long.

All must be willing to travel extensively, spending more than 200 days a year on the road to bring the Navy's message throughout the world. On completion of their assignment to the Blues, these officers return to operational squadrons to share their expertise with other aviators.

Their A-4 Skyhawk II aircraft date from 1972. These are the most modern versions

of an aircraft that served as a ground support aircraft during the Korean War. The aircraft is powered by a Pratt and Whitney J52-P-408 turbojet engine, providing 11,200 pounds of thrust — 45 percent more than the original A-4. It can fly from aircraft carriers and airfields as short as 4,000 feet, and its combination of high power and light weight give it impressive maneuverability.

The skill required for presenting the precision flight demonstration calls for practice and more practice of the maneuvers.

During the winter training cycle the diamond pilot starts at a great distance from his comrades and slowly moves closer as his confidence and ability increase. Eventually the formation draws itself as close as is humanly possible to fly while maintaining a confident margin of safety.

With complete wing overlap, this may mean a mere arm's length from canopy to wingtip. However, at no time is a maneuver or formation flown in which each of the pilots does not have 100 percent confidence in his own ability and that of three pilots to complete the task.

The solo pilots train for their portion of the demonstration as a separate entity from the diamond. This is because the techniques and emphasis for the diamond formation and solos are different.

The same degree of concentration is required of the solo pilots as of the diamond pilots. However, the focus is on exact timing and precise consistency of each maneuver while operating in a very low

altitude environment. The importance of timing is emphasized by noting that for every one second of error a maneuver is displaced one-eighth of a mile.

The lead solo pilot sets the flight path and the movement of his aircraft in a uniform pattern so that the opposing solo pilot will be able to match his every move. This requires that each pilot be able to fully anticipate the other's actions and that he knows without fail the sequence of events that is to take place.

The preparations by the solo pilots through more than 200 hours of practice during winter training result in breathtaking accuracy on the day of each performance. Daily practice allows the solo pilots to descend to and complete their maneuvers at altitudes below 100 feet and still be 100 percent safe.

A final demonstration of aerial teamwork comes when all six aircraft rendezvous into a delta formation and perform looping and rolling maneuvers. This is followed by a formation landing of four or all six aircraft, depending on the length and width of the runway in use.

Visitors are encouraged to bring cameras and lots of film, and to wear comfortable shoes. A blanket or folding chair is also in order to be used during the 2½ hour aerial display.

Food and beverages will be on sale at a variety of booths at the airfield at nominal cost, and various souvenirs will also be offered for sale.

MIKE'S LAB cartoon strip with dialogue about a budget restriction on an air show ordinance demo of \$150 boxes.