2 students receive \$1,000 scholarships from Officers' Wives

Two happy winners of \$1,000 scholarships awarded by the NWC Officers' Wives Club are Leonard Gaines and Linda Patterson.

Money for the two scholarships that are offered to the dependents of active duty or retired Navy personnel was raised by two main activities during the year: a creative auction held last October, and a men only fashion show held in December.

At the auction, Capt. Paul Hollandsworth, Commanding Officer of Air Test and Evaluation Squadron Five, and LCdr. Ken Peters served as auctioneers. Their skill and enthusiasm resulted in raising almost \$1,500 for scholarships.

The men only fashion show held at the Commissioned Officers' Mess in December brought additional money into the Officers' Wives' Club coffers because a percentage of the money from the sale of garments modeled during the show was returned by merchants whose wares were shown.

Gaines, the son of Cdr. (ret.) and Mrs. James Gaines, will attend the University of Nevada at Reno, where he will major in business administration before heading into law school to pursue a career in mining law.

While at Burroughs High School, he has been on the wrestling team, soccer team. Mathletes, and the high school track team. He has also served as a volunteer to assist senior citizens with fencing, roofing, and removing trees.

Miss Patterson, the daughter of Capt. and Mrs. John Patterson, will attend California Polytechnic State University in San Luis Obispo, and will major in electronic engineering.

She has been active with the Senior High Youth Fellowship of the All Faith Chapel, played varsity basketball at Burroughs High School, and has also been a member of the Ski Club. She has been employed part time at First Federal Savings and Loan. Her volunteer activities include selling at the NWC Thrift Shop, and delivering Meals on Wheels to senior citizens.

Thomas to speak at Cerro Coso College graduation tonight

Tonight 139 men and women ranging from 19 years old to 72 years old will be awarded degrees during Cerro Coso Community College's commencement ceremonies.

The ceremony begins at 6:30 p.m. on the north lawn of the college campus. Congressman Bill Thomas, who represents the 18th District, will be the keynote

The public is invited to attend both the ceremonies and the recention for the graduates that will follow.

Of the graduates, 99 have earned Associate in Arts degrees, and 40 have



SCHOLARSHIP WINNERS — Recipients of two \$1,000 scholarships awarded by the NWC Officers' Wives Club are Leonard Gaines and Linda Patterson. — Photo by Don Cornelius

Auto Hobby Shop now open for use by Center civilians also

ment's Auto Hobby Shop, which previously had been reserved for military personnel only, is now open as well to civilian employees of the Department of Defense.

It is the responsibility of the Auto Hobby Shop manager, or his representative, to schedule the use of all equipment and working spaces (stalls) to insure that no conflict arises between military and DoD patrons, but it is recognized that the primary purpose of this facility is to serve the needs of military personnel and their

Hours of operation at the Auto Hobby Shop, which is closed on Mondays, are: 1 to 8 p.m. Tuesday through Friday; 9 a.m. to 4 p.m. on Saturday, and 12 noon to 5 p.m. on

There are no restrictions on use of Auto Hobby Shop facilities by eligible users Tuesday through Friday. Priority will be given to military personnel on weekends and holidays, however. If there is a waiting list to use space or equipment, preference will be given to military users.

For this reason, DoD civilian patrons are are welcome by the manager. encouraged to call the Auto Hobby Shop, phone NWC ext. 2346 or 3107, to determine if the equipment they wish to use is available. This is particularly important if civilians

want to use the grease racks.

When they show up to work on their cars earned Associate in Science degrees. Weekend Roundup

Tomorrow from 12 noon to 6 p.m. the Enlisted Mess will have a party to celebrate the opening of the swimming pool on the parking lot next to the pool.

There will be music by the Throbs Band, a local group that will play for the enjoyment of those who attend, and there will be free hot dogs and hamburgers.

A limited quantity of beer will be sold at a reduced price. Note - this event is for members and authorized patrons of the EM only.

Music of the 1960s will be featured tonight at the Chief Petty Officers' Club, where the entertainment will be provided by Sunlite, a local dance band. The band will begin

Dinner specials of the evening will be prime rib of beef or Icelandic white fish that will be prepared and served from 6 to 9 o'clock.

The Sunlite band will also be playing Saturday night for the Golden Anchor golf tournament dinner and dance.

Use of the Recreational Service Depart- at the Auto Hobby Shop, all DoD civilians must have in their possession a current NWC pass, and must present this pass upon entering the shop. Dependents of DoD

> DoD civilians are not authorized to purchase retail items offered for sale at the Auto Hobby Shop, and civilians are charged more than military personnel for use of the

> civilians must be accompanied by a parent

Some typical examples from the fee schedule are: engine diagnostic machine, \$10 (military), \$15 (civilian); electronic test equipment per hour, \$1 (military), \$1.25 (civilian); lift/hoist per hour, \$1 (military), \$1.50 (civilian); lubrication gun per use (one tube), \$1 (military), \$1.50 (civilian); stall fee, 50 cents per hour up to \$2 per day for military, or 75 cents per hour up to \$3 per day for civilians; tow bar rental, \$3 per day for military and \$5 per day for civilians.

As patron usage of the Auto Hobby Shop increases, its hours of operation will be increased as well. Suggestions from patrons

VX-5 hosts horde of youngsters on tour of facilities

Kindergartners and second and third grade students from Richmond and Vieweg elementary schools got an exciting view of Navy operations when they toured Air Test and Evaluation Squadron Five's Hangar 1 facilities recently.

The youngsters learned about various aircraft flown by VX-5 pilots and also had the opportunity to go up into the air traffic control tower (which is also located in Hangar 1).

Ens. Susie Justice, VX-5 Public Affairs Officer, conducted the tours with the assistance of PH2 Kathy Graves, YN3 Shelly Reifke, DPSA Dana Jacobson, and AA Helen Katelhon.

While the children were at the airfield, they also get a tour of Fire Station 3, and were shown through a C-131 transport. Conducting them through the transport was AMS2 Mike Murphy of NWC. He explained the function and operation of the aircraft and its equipment to the young visitors.

BHS Class of 1962 invites all members to reunion June 12

A big reunion party is planned for graduates of the Burroughs High School Class of 1962 to be held at the Chief Petty Officers' Club on Saturday, June 12, starting

Those who are not able to attend (despite motel and housing arrangements and baby sitting for those who need any of these things) will still be able to take part by sending \$4 to 1962 Reunion Committee, 813 N. Peg, Ridgecrest, CA 93555 for the reunion

Cost for the evening's activities is \$17.50 per person, with late dinner reservations accepted until June 5. Those who would like to contribute to the talent show are asked to notify the committee as soon as possible.

A Sunday picnic is also planned. Anyone seeking further information may telephone Yvonne (Heynen) Beyer, 375-4559; Frank Klassen, 375-5532; or Dave Rivera, 375-7266.

Public Works officer featured speaker at Navy League dinner

Capt. Jerry Horacek, Public Works Officer, will be the featured speaker at a meeting of the Indian Wells Valley Council of the Navy League on Thursday, June 10, at the Enlisted Mess.

The evening will begin with a social hour at 6:30, to be followed by a top sirloin steak dinner at 7:30. The cost of the dinner is \$6.50

Dinner reservations must be made by Sunday. They may be made by telephoning 446-5488, 446-7244, or 446-3164.

Film slated at meeting of Astronomical Society

"A Question of Life," a 28-minute NASA film, will highlight the meeting Monday night of the China Lake Astronomical Society. The meeting begins at 7:30 p.m. at the Ridgecrest Branch of the Kern County Library, 131 E. Las Flores St., Ridgecrest.

In this film, life is defined and general conditions necessary to sustain life are discussed, as well as the potential significance of discovering life elsewhere in

All interested persons are invited to attend the meeting and free film showing.



GRADUATION PROGRAMS

Murray School 5 p.m. Monroe School 7 p.m.

rom:	_
	PLACE
	STAMP
	HERE

Hays succeeds Hillyer as Technical Director

Burrell W. Hays became Technical projects requiring a diverse knowledge of Director of the Naval Weapons Center this electronics and a highly developed design week, replacing Bob Hillyer, who will be skill in solid-state and sub-miniature leaving here for Washington, D.C., to electronics. Projects he supervised involved become the Director of Navy Laboratories

Hays, who can look back over 26 years of filling positions of steadily increasing responsibility, has been the Deputy Technical Director/Laboratory Director since April 1978. As the Laboratory Director, he exercised line management responsibility over eight technical departments and supervised the planning of the technical programs for the Center.

Hays came to China Lake as a Junior Professional employee in 1956, following his graduation from the University of Idaho with a BS degree in electrical engineering.

Upon completion of his JP tour, he became an electronic design engineer in the Engineering Department. He worked on the design of system circuits until his promotion in January 1962 to head the Electronic Circuit Design Section of the Engineering Department's Electronics Branch.

components for such NWC products as Sidewinder, Moray and Shrike.

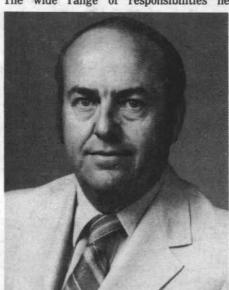
Remaining with the Engineering Department, Hays became the Sidewinder guidance and control project engineer in July 1963 and, two years later, was appointed to serve as Shrike program An increasing interest in management led

Hays to seek further education and, in June 1966, he was awarded a Sloan Fellowship at the Massachussetts Institute of Technology. He returned after a year of study in the Executive Development Program with a master's degree in management.

At that time, Hays was appointed assistant head of the Engineering Department's Weapons Systems Management Division. With responsibility for assisting in the management of production engineering and Fleet support for Sidewinder, Chaparral, Shrike, and several free-fall As a section head, he was responsible for weapon systems, Hays supervised the

preparation of detailed project plans for both fiscal and manpower requirements of these weapons systems.

In March 1968, Hays became the Engineering Department's chief engineer. The wide range of responsibilities he



Burrell W. Hays

sultation in production engineering and human factors engineering to providing technical review for all systems to assure proper program capabilities and adequacy prior to a recommendation for release to production.

Still in the Engineering Department, Hays served as head of the Product Design Division, where he was responsible for bringing the Sparrow second source on line, then as associate head of the Engineering Department in charge of engineering services (an appointment he received in March 1973) and, a few months later he became head of the department - in an "acting" capacity initially before the promotion was made permanent.

In carrying out a policy that was aimed at broadening the experience, background and skills of senior management personnel, Hays exchanged jobs with Dr. W. G. Leonard and became head of the Propulsion Development (later Ordnance Systems) Department in February 1977, Then, a little more than a year later, he became the

(Continued on Page 4)



Vol. XXXVII, No. 22

NAVAL WEAPONS CENTER CHINA LAKE



Jack Pakulak as he presents to him the TD Award for his leadership in the Tri-Service Safe Transport of Munitions Program. - Photo by Don Cornelius

Work on safe transport of munitions earns Technical Director Award for Pakulak

The NWC Technical Director's Award was presented on May 24 to Jack M. Pakulak for his successful direction of work in support of the Tri-Service Safe Transport of Munitions (STROM) Program.

The presentation by Bob Hillyer to Pakulak took place during the weekly meeting of NWC department heads and other senior officials of NWC that was held in the Management Center of Michelson Laboratory.

Pakulak, who is a supervisory chemist in the Thermal Research Section of the Ordnance Systems Department's Conventional Weapons Division, received a letter of commendation signed by Hillyer, an engraved paperweight, and a \$300 stipend

were asked not only to find the probable cause of the explosions, but also to develop proof of practical fire detection and suppression systems. "The Department of Defense hired

Superior Achievement Award.

During the Vietnam War years, three

catastrophic explosions in railroad cars

loaded with bombs led to a tri-service effort

to identify the probable cause of such ex-

plosions (two of which occurred in railroad

yards in Benson, Ariz., and at Roseville.

In addition, those involved in this effort

Pakulak to go to work on this problem, and his efforts (along with those of a number of others) culminated in a program that has enabled safer shipping of explosives,"

The NWC Technical Director congratulated Pakulak for his part in this program, which has increased the confidence of railroad operators and removed a cause for concern of businessmen and residents whose property is located in the vicinity of railroad yards. NWC received national recognition as a result of Pakulak's work, Hillyer added.

Pakulak was nominated for the Technical Director Award by Carl L. Schaniel, his department head, who noted that the latest recipient of this honor "occupied a position of particular importance from the first formative meetings that led to STROM, through the critical, early planning stages, and, finally, to responsibility for a very complex research, development, and test program."

Work directed at NWC by Pakulak contributed to meeting several objectives of the Safe Transport of Munitions (STROM) Program, Schaniel pointed out. These in-

(1) Assessment of methods for determining ordnance response to fire: (2) analysis of threats to munitions during all

(Continued on Page 5)

CONGRATULATIONS EXTENDED — Bob Hillyer, Technical Director, congratulates Schiefer moved into post of NWC Lab Director

position from his current assignment as torate, which he has held since July, 1981.

Schiefer replaces Burrell W. Hays, who became the Center's Technical Director last week when Bob Hillver left to become Director of Navy Laboratories.

The new 03 came to China Lake in 1960 as a Junior Professional assigned to the Supersonic Naval Ordnance Reseach Track (SNORT). His technical work on weapons began years earlier, however, when he was a fire-control instructor in the Army, and was enhanced by his work as an electronics technician for the Coleman Engineering Co. during the summers while he was earning his bachelor's degree in electrical engineering from the University of Utah.

While he was in the Weapons Development Department in the early 1960s, he designed the control section electronics, telemetry systems, and test set for the

His outstanding technical competence and reliability led to his being given the

tor/Laboratory Director. He moves to that Production missile test and evaluation in 1963, and eventually becoming head of the head of the Test and Evaluation Direc- Shrike Test and Evaluation Group late the following year. During the Vietnam conflict, he made five trips to Vietnam and Southeast



Gerald R. Schiefer

Starting next Monday, Gerald R. Schiefer responsibility for coordinating the Cuban- Asia to provide Shrike support to the Fleet will be the NWC Deputy Technical Direc- crisis-inspired Emergency Shrike and provide consultation on defense sup-

In 1970 Schiefer was made head of the new HARM Program Office. His outstanding work with that program was recognized with a Michelson Laboratories Award for Engineering in 1974.

A year as Science Advisor to RAdm. P. R. Monroe, Commander, Operational Test and Evaluation Force, Norfolk, Va., followed before he was appointed head of the Electronic Warfare Department, a position he held until last year when he became T&E Director.

His outstanding personal contributions to both the Shrike and HARM programs won him the Center's highest recognition for individual achievement, the L. T. E. Thompson Award, in 1979.

With his new role, Schiefer still hopes to have opportunity to spend time backpacking and camping with his son Charlie or his Scout troop (an activity he has much enjoyed in times past). He and his wife, Loretta, are also parents of a daughter, Heidi, and a son, Scott, who are both college



CPO Club Golden Anchor golf tourney slated this weekend

A contingent of 100 golfers (50 twomember teams) will compete tomorrow and Sunday at the China Lake golf course in the 12th annual Golden Anchor tournament, sponsored by the Chief Petty Officers' Club.

A social hour tonight at 6 o'clock at the CPO Club will set the mood for the tourney's shotgun start (golfers teeing off simultaneously at every hole around the 18hole course) at 8 a.m. Saturday.

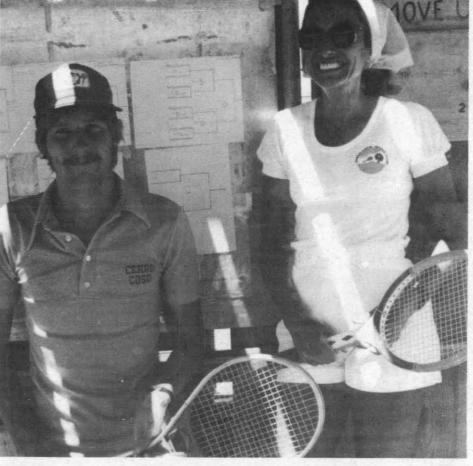
This is a 36-hole, partner's best ball event, with the second 18 holes to be played on Sunday. Prizes will be awarded for the low net round each day, and there will be a special prize as well for golfers whose tee shot on hole No. 8 on Saturday and hole No. 17 on Sunday lands closest to the pin.

The entry fee of \$80 per team will include a dinner and dance (guests \$10 additional each) on Saturday night at the CPO Club, and a buffet in the CPO Club lounge at 3:30 p.m. Sunday, during which the teams with low net scores and winners in the various divisions of the tournament will receive

In addition to the events previously mentioned, there also will be a putting contest on Saturday and Sunday.

Handicaps will be based on 75 percent of each entrant's Southern California Golf Association handicap, with the maximum allowable handicap per player being 18

Phil Davis and Ed Nelson, tournament cochairmen, are in charge of the entry list.



TENNIS TOURNEY FINALISTS — Among winners in the China Lake Tennis Club's first competitive tournament of the 1982 season were Daryl Moline and Suzanne Haney. Moline, a Cerro Coso College player, won the men's singles in Div. B, while Ms. Haney - Photo by Don Cornelius

teamed with Dave Boyd to win the Div. A mixed doubles and with Abby Brandt to win the Div. A women's doubles play. The tournament attracted a total of nearly 90 entries who vied in A, B or C Divisions in men's and women's singles and doubles, as well as mixed

Scores in slow pitch softball league

(Continued from Page 6)

the count at 10-10. Both teams were shutout in the seventh and eighth innings of play. Liz Martin of the Ridgecrest Electric Shockers hit a home run for her team in this game.

In other Women's Division games played last week, the High Desert Import Center outscored Bill Wright Painting and M&M's 14-7, and 23-7, respectively; the High Desert Temporaries knocked off the M&M's 13-6; Ridgecrest Electric clobbered the Mixed Nuts, 28-3; CSC defeated PRC-Ridgecrest Engineering 21-14; and Bill Wright Painting edged the M&M's 23-22.



vs. JD's women's softball game, Darlis Moorehead, first báseman for JD's stretches for a throw that just beat the runner (not shown) to the base for an out.

a final score of 23-7. Kim Fletcher and Dawn run onslaught by the Circle K team, which doubles by Vince Huett.

also was aided at the plate by 2 triples and 2

The Rag Tags found the going rough against the VX-5 Mavericks, who got off to a 5-0 first inning lead, added 2 tallies in the third and 6 more in the fourth to win, going away, by a final score of 13-2. Jim Haswell had a 3-for-3 night at the plate — all singles.

The NWC O's also made mincemeat out of the Rag Tags, whom they clubbed 28-8 in a 5inning contest. The officers piled up a 13-3 first inning lead, and the outcome was academic after that. The NWC O's ripped their opponents by scoring 10 more runs in the fourth inning. Ken Dorrell, who had a home run and 3 singles, was the leading hitter for the officers.

Good weekend of fishing in high country lies ahead

Anglers who head to the Sierra this weekend should enjoy a fine weekend of fishing unencumbered by the massive crowds that spent the three-day weekend cooling off beside the streams and lakes to the north.

Lake Sabrina is once more filling, and boats are now able to get back onto the water. The fishing is improving because the lake is being stocked regularly with fish from the hatchery.

Bishop Creek is running high and fast, but the fishing is terrific for those who can find a pool to drop their lines into. (This is a good place for anglers who don't like to get up early; morning temperatures are still around 30 degrees, and fishing doesn't get good until later the day.)

The best fishing at any lake in the Bishop area is at Rock Creek Lake. Fish taken from the shore there have been averaging from 2 to 4 pounds. These beauties like marshmallows. Red salmon eggs and worms are also working well from the shore.

Shore fishermen at Lake Crowley are finding the green banks area the most productive; best bait is night crawlers. Trolling at Crowley has been good for anglers using Needlefish, Flatfish, and Rapalas - especially if they hook a worm

At Convict Lake, shore fishing has been best at the boat dock. Those who troll are catching fish by trolling deep with a Dave Davis lure. Best fishing in that area is at lower McGee Creek and lower Convict Creek with anything that floats on top of the water (salmon eggs or worms are ideal).

The Owens River is high and fast, but salmon eggs are proving enticing to trout swimming by the bridge at Benton Crossing. Fly fishermen on the upper Owens are catching trout on weighted nymphs, such as the woolly worm.

Anglers who like the Mammoth Lakes report that the best fishing is on the creek between the Lake Mary and Lake George. Zeke's cheese is irresistible to trout there, followed by salmon eggs, with lures definitely running in third place.

At both June Lake and Gull Lake, shore fishing using cheese or eggs and getting the line down to the bottom catches the trout. Shore fishermen are also doing better than those from boats on Upper Twin Lake at Bridgeport. Using worms is the way to go.

Employee service awards

The following Naval Weapons Center employees have received Federal service or NWC length-of-service awards:



Carl A. Porter Code 26774

Code 36502



35 yrs. Fed'l Service 30 yrs. Fed'l Service 30 yrs. Fed'l Service 30 yrs. NWC Service Code 3921





William R. Long Code 3906



Code 3818



Herbert F. Russell

Anthony Estrada 30 yrs. NWC Service 25 yrs. Fed'l Service 25 yrs. Fed'l Service 25 yrs. Fed'l Service Code 39051

Daniel R. Branson

Code 3921



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-Wage & Classification Division, Code 092, Ext. 2069, Ads will run for one week and will close at 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ad. 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 subject to the requirements of the DoD Program for the Stability of Civilian Employment. The minimum qualification requirements for all GS positions and positions subject to the Demonstration Project are those defined in OPM Handbook X-118; those for all wage system positions are those defined in OPM Handbook X-18C. 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.

in a coordinative capacity; ability to analyze information

1/2, PAC No. 8236648 N, Code 3623 - This position is located

Engineering Division, Engineering Department. The in-

cumbent provides technical support in the areas of field

test support, guidance test and repair, and electronic

circuit design and development. Job Relevant Criteria:

Knowledge of electronic theory and practices and

mathematics; ability to design and fabricate electronic

devices used in missile systems; ability to work as a

member of a team; and familiarity with operating prin

ciples of solid state and vacuum electronic devices. Promotion potential to the DT-3. Previous applicants need

Engineer, DP-855-3, PAC No. 8236665, Code 3622 - This

position is that of a section head within the Systems

Electronics Branch, Systems Engineering Division,

Engineering Department. The incumbent will be

duties for a newly-formed section responsible for

system Job Relevant Criteria: Knowledge of electronic

design and analysis as applied to analog, digital and RF

hardware: knowledge of production support, test equip-ment, and contractor liaison. Previous experience as a

supervisor is highly desirable. Previous applicants need

Announcement No. 32-050, Interdisciplinary Mech

anical/Aerospace/Electrical, DP-830-3/DP-861-3/DP-

850-3, PAC Nos. 8232752/8232751/8232753, Code 3275 - This

Propulsion Systems Division, Ordnance Systems Depart ment. The incumbent analyzes, designs and develops

actuator and power subsystems for missile applications

aspects of missile power systems, the incumbent

responsible for plans, coordination, and direction of both

nnology base and application activity, and for main

taining close contract with sponsors, program offices and

tromechanical devices, generators, control systems, and

other missile power components; ability to prepare

proposals to sponsors; ability to coordinate, monitor and

No. 6917039N, Code 08641 - This position is located in the

Payroll Office, Civilian Pay and Travel Branch, Ac-

Management. Incumbent performs routine research of

payroll records to correct leave data; prepares changes to

employees' earnings, deductions and leave records;

prepares reports of leave and earning data. Job Relevant

Criteria: Ability to work rapidly and accurately; ability to

interpret and apply regulations; ability to work under

Technician, DT-802-2, PAC 8262539N, Code 62117 - This

position is located in the Mechanical/Ordnance Support

Section, Ballistics Test Branch, Ordnance Test and

assists in setting up and conducting propulsion and related

static ordnance tests throughout the general Skytop test

area. Also, the incumbent is involved in the fabrication,

repair, and modification of test fixtures, hardware, and

support equipment. Job Relevant Criteria: Knowledge of

ordnance devices and materials; knowledge of general test

hardware, fixtures, and handling equipment; ability to work well with personnel at all levels. Promotion potential

DIVINE SERVICES

ROMAN CATHOLIC

JEWISH

UNITARIAN

Sunday Worship Service

Daily Mass (except Saturday)

Friday in the East Wing

Sunday Religious Education Classes

Sunday, Annex 95, as announced

Sunday School

Sunday Masses

Evaluation Division, Range Department. The incumber

incement No. C-62-45, Mechanical Engineerin

counting and Disbursing Division, Office of Finance and

uncement No. 08-018, Payroll Clerk, GS-544-4/5, PD

communicate both orally and in writing.

pressure of short deadlines

industry. Job Relevant Criteria: Knowledge of elec-

with special emphasis on exploratory development work in urbo alternators, electromechanical actuators, and other

sible for performing the full range of supervisory

No. 3642, Supervisory Electronics

the Missile Support and Test Branch, Systems

incement No. 3643, Electronics Technician, DT-856-

ement No. 3645, Electronics Technician, DT-856-2, PAC 8236612N18, Code 3626 — This position is located in the Control Design Branch, Systems Engineering Division, evaluate electromechanical components of missile contro sections and assist in designing and developing new test apabilities for missile control sections. Incumbent will be responsible for the specification, calibration, maintenance, and operation of the branch's test instrumentation and facilities Promotion potential to DT-3. Job Relevant Criteria: Ability to orginate and develop special test setups and procedures; ability to develop special electronics devices (i.e. buffer amps, attenuators, filters, etc.) to facilitate testing; ability to plan, schedule, and coordinate various phases of a test and evaluation project; ability to roubleshoot test setups utilizing electronic test equipment; ability to effectively communicate both orally and in

ement No. 3644, Secretary (Typing) GS-318-4, PD No. 7936318N, Code 3626 — Incumbent provides clerical support to the Control Design Branch, Systems Engineering Division of the Engineering Department. The incumbent's duties include maintaining the branch head's calendar; receiving and directing visitors and phone calls; reviewing correspondence; receiving and distributing ncoming mail; maintaining files; preparing and handling ime cards, travel orders and itineraries, and purchase orders for materials, supplies, and equipment; typing memoranda, letters, and technical reports from rough drafts. Job Relevant Criteria: Ability to perform receptionist and telephone duties; ability to review, control, screen, and distribute incoming mail; ability to review utgoing correspondence; ability to compose correspondence and/or to prepare non-technical reports; knowledge of filing systems and files management; ability to plan and coordinate travel arrangements; ability to maintain and coordinate supervisor's calendar and to arrange conferences. Supplemental Qualifications Statement required, along with a 171. Promotion potential to GS-5. Status

eligibles may apply cement No. 25-012, Supervisory Purchasing Agent, GS-1105-7/8, PD No. 8025015, Code 2522 - This ion is the assistant head, Purchase Branch, Contracts Division, Supply Department. The incumbent supervises both purchasing agents and procurement clerks. The incumbent assigns and directs the work of the branch reviews finished work for completeness, compliance and propriety, and provides on-the-job training for new employees. The incumbent is a contracting officer with authority to enter into and administer contracts. The incumbent is also responsible for coordinating purchase requests and proposed purchases with the Small Business Specialist to insure compliance with NWC Small Business Program. Job Relevant Criteria: Willingness to support NWC and Federal EEO program; ability to supervise; knowledge of small purchase program; ability to work under pressure. Position has promotion potential to the GS-

nt No. 34-006, Copier Program Coordinator GS-303-5/6, PD 8234012N, Code 341 - This position is located in the Office of the Publications Division, Technical Information Department. The incumbent is responsible for managing the NWC copier program. Management of the copier program entails placement, utilization and funding for some 110 convenience copiers ranging from table-tothroughout the Center. Job Relevant Criteria: Ability to

Opportunities

MEMORIAL DAY OBSERVANCE — During a program that opened with the advancing

of the colors by a color guard from the Desert Suns (top photo), a local youth group, and

closed with a volley of rifle fire by members of the NWC Sidewinder drill team, Memorial

Day was observed in traditional fashion on May 31 at Desert Memorial Park Cemetery in

Ridgecrest. This event marked the debut of the NWC military band, led by Lt. Dave

Feldman, who was joined by Steve Young in the playing of "Taps" at the conclusion of

the program. The guest speaker was Neal Webb, a former NWC employee who is now

vice mayor of Ridgecrest. Webb, a retired Navy Commander, stressed the need for the

U.S. to have a strong military posture in order to prevent war. Speaking of this nation's

honored dead who gave their lives in wartime, Webb said: "Those we congregate to

News Stories

Photographs

Tuesday, 4:30 p.m.

Tuesday, 11:30 a.m.

The Rocketeer receives American Forces Press

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Defense. Information in The Rocketeer is

authorized for public release by the Naval

Weapons Center Public Affairs Officer, Code 003.

honor haven't achieved peace, but have preserved our precious liberty."

The Rocketeer

Official Weekly Publicatio

Naval Weapons Center

China Lake, California

Captain Jude Lahr

B.W. Hays Technical Director

Dennis Kline

Public Affairs Officer

Don R. Yockey

Mickey Strang

Don Cornelius

Reassignment

This column is used to fill positions through assignment only. For this reason, the Reassignment Opportunity Announcements are separate from the Promotion Opportunities column in the Rocketeer. Applications will be accepted until the date stated in the announcement. Employees whose work history has not been brought up to date are couraged to file an SF-171 or 172. All applicant ust meet minimum qualification requirement established by the Office of Personnel Management Information concerning the recruitment and placement program and the evaluation methods used in these reassignment opportunities may be obtained from Personnel Management Advisors (Code 096 or 097). Applications should be filed with the person whose name is listed in the a ement. The Naval Weapons Center is an Equal Opportunity Employer

incement No. 33-023, Supv. Physicist DP-1310-4.

Engineer DP-855-4, (Interdisciplinary), PAC No. 8033548E Code 333 — Incumbent will be Head of the Fuze Systems Division in the Fuze and Sensors Department. The incumbent is the senior supervisor of a division comprised of two major program offices and five branches engaged in optical and RF systems design development and production support. The primary function of the division is engineering development of electronic proximity fuzing systems for guided missiles and free-fall weapon applications; some for multi-service use. The incumbent is responsible for overall direction of the division's activities and specifically is concerned with management of personnel, budgets, facilities, contracts, and equipment. The ncumbent provides guidance to subordinate managers in the areas of planning development programs, program cost estimating, and DoD acquisition policies. The incumbent is responsible for oversight of several major development contracts. Applicants must have supervisory experience, have a thorough knowledge of the systems acquisition processes, and have demonstrated the capability to successfully take a system through development. Bring applications to Sue Cross, Rm. 113 of he Personnel Bidg. Applications will be accepted from

HDHC, which has a record of 6 wins and a tie, added to its win string two nights later with a 28-5 win over JD's. Claudia Kleinschmidt led the division leaders at the plate with 2 home runs and a double, while a teammate, Bonnie Lake, also had a 4bagger to her credit.

High Desert Import Center trailed 7-5 after 3 innings of play against Bill Wright Painting, but rallied to score 6 runs in the fourth and 3 more in the fifth to win the game 14-7.

The M&M's couldn't handle the High Desert Import Center team, which led 18-5 after three innings of play, and tacked on 5 more runs in the fourth to win going away by

Nash both hit home runs for the High Desert Import Center team. In their game with the M&M's, the High

Desert Temporaries opened with a 6-run first inning and never looked back enroute

Ridgecrest Electric had an easy time of it against the Mixed Nuts, whom they pounded into submission 28-3. The Shockers batted around and scored 18 runs in their first two times at bat to move out to a convincing lead

CSC took a giant step forward in winning game against PRC-Ridgecrest Engineering by getting off to a 12-1 first inning lead. Leading hitters for the victors were Geri Clodt (4 for 4), Sue Hunsaker and Michelle Barbaree (both 3 for 3), and Teri Clodt, whose 2 for 2 effort at the plate included a home run.

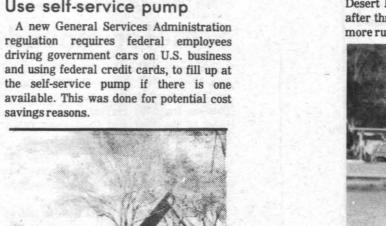
The 23-22 cliff-hanger between the M&M's and Bill Wright Painting was won by the Painters, who tallied the go-ahead run in the last half of the fifth and final inning. After scoring 10 runs to take a 21-14 lead in the fourth inning, the Bill Wright Painting team gave up 8 runs to the M&M's in the top of the fifth, and trailed 22-21 before pulling out a 1run victory. Jenny Slates of the Bill Wright inting team was the game's leading hitter with a home run, a triple and 2 doubles in 4

The Rag Tags suffered a pair of losses, while the Circle K team knocked off the Sick Bay Commandos by the lopsided score of 19-4 during games played last week in the Military Division of the Slowpitch Softball

Circle K wasted little time establishing its dominance over the Sick Bay team in the matchup between these two squads by scoring 13 runs in the first inning and adding another 6 during its next time at bat to pile up a 19-0 lead.

Two home runs by Bill Collum and another by Bob Pulcane helped spark the 19-Gym facilities closed

Starting Monday, the gym and racquetball courts will be closed until June 18 for rehabilitation. The swimming pool and bit of action in the High Desert Home Center weight room will be open for use during this



0830 & 1130

THROW BEATS RUNNER - During this

The parcourse and fitness cluster are now open. A leaflet to all hands will describe how to use these new facilities.





Results reported of mile run staged by Over-Hill Track Club

Runners in the men's 21-30 and 31-40 age brackets led the pack of more than 30 entrants in the annual Sunstroke mile run staged by the Over-the-Hill Track Club

Tops overall in this event, which took place on May 21 at the Burroughs High School track, was Bryan McChesney, who was clocked at 4 min., 37 sec. He was followed across the finish line by Bill Wilson (5:09), Jack Clark (5:30), and Bill Campbell (5:32).

McChesney and Campbell were 1st and 2nd, respectively, in the men's 21- to 30year-old age group, while Wilson and Clark finished one-two in the men's 31- to 40-yearold age group.

Dianne Lucas had the best time (6:11) for women entered in this event, as she garnered first place in the 31- to 40-year-old age group, while the 6:42 turned in by Brigid Freyne, winner of the women's 10- to 20year-old age group, was second best overall for feminine participants in this race.

In addition to those already mentioned, the top performers in the various age groups, and their times, were:

Males under 10 years of age - Eric Martin (7:18), Jeff Hannon (7:23), Scott Wilson (8:22), John Ballinger (10:20), and Haydn Wilson (10:55).

Youths 10 to 15 yrs. of age - Jeff Swinford (6 min.), Ben Carey (6:56), and Ed Ballinger (7:36).

Young men 16 to 20 yrs. of age - David Miles (5:50). Men 31 to 40 yrs. of age - Joe Oliver

(5:36), Robert Hunt (6:03), and Norman Zquierzchowski (7:16). Men 41 to 50 yrs. of age - Mel Miles

(5:55), Walt Hannon (6:33), Jim Murray (6:47), and Dave Lehman (6:57). Men over 50 yrs. of age - Paul Mikonis,

Jr., (7:02). Girls under 10 yrs. of age - Alysia

Ballinger (10:13), and Mindy Miles (10:15). Young girls 10 to 20 yrs. of age - Jody Miles (8:51), and Linda Ballinger (9:48).

Women 31 to 40 yrs. of age - Michelle Bailey (7:25), Kathy Martin (8:04), and Kay Wilson (8:28).

Women over 40 yrs. of age - Jo Burdick

NWC rifle team places fourth in Pacific Fleet match

Naval Weapons Center garnered fourth place in the Pacific Fleet marksmanship match which was held last week at Camp Elliott near Miramar, Calif.

The China Lakers had a total team score of 1,802 out of a possible 2,000 points, compared to the winners from the Naval Air Station, North Island, whose score was 1,847. There were 12 teams entered in this

M-14 rifles were used in the match, and each entrant fired 50 rounds at targets located at 200, 300 and 500 yards down range.

Top scorer from NWC was FTMC Jeffrey Mattick, who had a 456 out of a possible 500. Other members of the local team, and their scores, were Lt. Denny Wilcox, 453; ABHC Bill Moss, 449; and ASE2 James Houston,

Credit for the good showing in this event was given by Lt. Wilcox to STCS Nelson Foucher, the team coach. Chief Foucher did a fine job of watching the targets and giving team members tips on how to adjust their fire to improve their scores as the match was in progress.

2 men's teams undefeated in slow pitch softball

The Sports of All Sorts/Ridgecrest Animal 6; and Vaughn's outscored CSC 7-3. Hospital team and the Blackhawks have a solid grip on first place in the men's American and National Divisions of the Slowpitch Softball League. As of last Friday, both teams were undefeated and had identical records of 6-0.

In their only game of the week, the Sports of All Sorts squad was paced by the 5 for 5 hitting of Cary Dabbs, who had 2 home runs, a double and 2 singles in his team's 17-14 win over the Knights.

The Sports of All Sorts team built up a 15-3 lead after five innings of play, but then had to hold off a late charge by the Knights, who tallied 11 runs in their final two turns at bat.

In other games played last week, the ERA/Best Realty team shut out CSC 11-0, but then lost 12-9 to the Homestead; the Homestead team blanked ARCS 14-0, but ARCS came back to defeat the NWC Varsity, 23-13; Mikel's Home Furniture lost to the Knights 25-15 and to the Renegades, 16ERA/Best Realty outhit CSC 14-3 during

its lopsided win over the CSC. The victors opened with a 6-run first inning that turned out to be more than enough scoring to win the game. The Homestead team broke loose with 8

runs in the fourth inning and went on from there to hold ERA/Best Realty scoreless and pull out a 12-9 victory. Gary Brown of the Homestead and Amos Blanche of ERA/Best Realty hit 2 homeruns each for In logging its second win of the week, the Homestead team gave up just 4 hits during

its 14-0 route of ARCS, but ARCS bounced

back two nights later to pummel the NWC

Varsity 23-13. John Livingston, who was the winning pitcher for ARCS in the game against the NWC Varsity, aided his own cause by getting 3 hits — a double and 2 singles — in 3 trips to the plate.



CROWD AT SECOND BASE — Diana Epstein, catcher for the High Desert Home Center team, hustles back to second in a race for the bag with Bev Parson (at left), shortstop for JD's, who has the ball. The second baseman for JD's, who already has her foot on the bag, is Dorothy Harris. The undefeated HDHC team clobbered JD's 28-5 in this Slowpitch

Season memberships on sale for use of swimming pools

summer vacation period will bring with it while there is a charge of \$15 for retired the opening on weekdays, as well as military personnel and their families and weekends, of the four swimming pools on civilians who wish to use the swimming pool the Naval Weapons Center.

All four - the swimming pools at the Commissioned Officers' Mess, the Chief Petty Officers' Club, the Enlisted Mess, and swimming, or an athletic association the indoor pool at the Center gym — will be membership can be purchased at the gym open again tomorrow and Sunday, and will begin following their regular summer schedule on Tuesday, June 15.

Those who wish to swim at the CPO Club pool and the COM pool must be members of the respective clubs. The charges are the same for summer-long use of these two pools, where the swim tags can be pur-

At both, single members will be charged \$15 for the season; a couple must pay \$20; and family memberships are \$25. In addition, transients will be charged \$7 per month, and there is a daily use charge of 75 cents at both the COM and CPO Club swimming pools.

The holder of a swimming pool tag from the COM and CPO Club can sponsor a legitimate house guest to swim while this individual is a house guest.

The swimming pool at the Enlisted Mess is open free of charge to active duty enlisted personnel, who can obtain swimming tags at

Family members of active duty enlisted personnel will be charged \$10 for a to 5 p.m., open swimming.

At the indoor swimming pool in the Center gym, there is a daily use fee of \$1 for office for the summer season. This pool is open for use by active duty military personnel and their dependents, as well as by DoD employees and their dependents.

The hours of operation at the Center's four swimming pools, beginning on Tuesday, June 15, are as follows. All are closed on Mondays for maintenance.

COM swimming pool — Tuesdays, 12 noon to 9 p.m. (family night); Wednesday

through Sunday, 12 noon to 7 p.m. CPO Club swimming pool — Tuesday through Friday, 11 a.m. to 5 p.m.; Saturday and Sunday, 11 a.m. to 6 p.m.

EM swimming pool — Tuesday through Friday, 12 noon to 7 p.m.; Saturday and Sunday, 11 a.m. to 6 p.m.

Indoor swimming pool - Monday and Friday, 11 a.m. to 1 p.m., lap swimming, 1 to 7 p.m. open swimming; Tuesday and Thursday, 1 to 5 p.m., open swimming; Saturday, 11 a.m. to 12 noon lap swimming, and noon to 6 p.m., open swimming; Sunday, 12 noon to 1 p.m., lap swimming, and 1

In the first of its two losses last week, the Mikel's Home Furniture team found itself trailing by a score of 12-0 to the Knights, who went on to wrap up a 25-15 win.

The furniture store team did a bit better against the Renegades, whom they trailed 10-6 after five innings of play, but the 'gades put the game on ice with a 6-run surge in the sixth inning that put the game out of reach for their opponents. Heavy hitter was Bennie Williams, of the Renegades, who had a home run, a double and a single in 4 times

A Vaughn's team, which lost just one game prior to last week's Slow Pitch Softball League action, continued its winning ways with a 7-3 win over CSC. Vaughn's outhit CSC 11-10, but the CSC players managed to score just 1 run prior to coming to bat in the last of the seventh, when they tallied twice to make the game appear to be closer than it was.

Highlight of the week in the Women's Division of the Slowpitch Softball League was the extra-inning 8-8 tie ball game played between the undefeated High Desert Home Center team and the Ridgecrest Electric Shockers, who have lost just one

Although outhit 17-9, Ridgecrest Electric made its hits count by overcoming a 10-5 sixth inning deficit to score 5 runs and knot (Continued on Page 7)

Gold team wins Commander's Cup tennis competition

Racket swingers representing NWC Gold emerged victorious in the Commander's Cup tennis match May 18 through 20 at the China Lake tennis courts.

The NWC Gold team won six out of seven matches played against NWC Blue on the opening day of the tennis match, and then came back the next day to knock off VX-5 four matches to three.

The VX-5 Vampires, who were runners-up in tennis, defeated their counterparts from NWC Blue four matches to three.

In singles play, winners for NWC Gold in the matchup with NWC Blue, and the scores,

Ken Dorrell def. Bruce Powers 6-0, 6-1; Bob Pulcare def. Mike Fedak, 6-0, 7-5; Dean Poe def. Bill McNabb, 6-0, 6-0; and Ed Torrence def. Michael Miller, 6-0, 6-0.

The lone victory posted by an NWC Blue player was Vince Huett's 6-4, 4-6, 6-3 singles win over Dave Feldman of NWC Gold.

In doubles, Feldman and Dorrell of NWC Gold teamed up to outscore Huett and Fedak, 4-6, 6-4, 6-4; while Pulcare and Poe. of NWC Gold, shut out McNabb and Miller of NWC Blue, 6-0, 6-0.

The NWC Gold team won three out of five singles and one out of two doubles matches the following day against the VX-5 Vam-

Feldman, Dorrell and Pulcare had little difficulty outscoring Fred Chavez, John play, but "Doc" Turner, of VX-5, was the winner 6-2, 6-4, over Poe of NWC Gold in one singles match, and Kate McNamara was a forfeit victor in singles for the Vampires.

In the NWC Gold vs. VX-5 doubles play, Feldman and Dorrell won their match, 6-1, 6-2, over Chavez and Skinner of VX-5, but the second doubles match went to Thomas and McNamara of VX-5 when Poe and Harold Parker were not able to finish the match after each doubles team had won a

Singles wins by French, Thomas and McNamara, combined with a victory in doubles by Chavez and French, enabled the VX-5 tennis team to defeat NWC Blue four matches to three.

Winner for NWC Blue in singles competition were Huett and Jeff Lane and the doubles team of Gowan and Huett.

As a result of the points earned by each team in the tennis competition, there is a first place tie between NWC Gold and VX-5 (26 points each) in the Commander's Cup standings, and NWC Blue is in third place 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 irectly from Capt. Lahr. 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 chan-

Civilian employee - An article in the Daily Independent reported a change in management at C&M Airlines. The new president is a full time Civil Service employee who travels extensively and uses the airline. Isn't this a conflict of in-ANSWER

No, in this case, it is not deemed a conflict of interest. Federal law prohibits government employees from making official decisions or recommendations concerning entities in which they have financial interest or are negotiating with concerning employment. The Standards of Conduct prohibit Navy personnel from engaging in any personal business or professional activity that places them in a position of conflict between their private interest and the public interests of the U.S. related to their official duties.

The NWC employee in question is an electronics technician who has no official duties that could have any effect on C&M Airlines. Because of his position as a supervisory electronics technician, he is not privy to any official business that would be "inside information" which he could use to benefit his business. The fact that the employee may travel frequently is irrelevant under the circumstances as there is only one airline serving Inyokern.

Civilian - Do we have a double standard of security? Such as, if a building isn't broken into. but there's all kinds of evidence, like fingerprints and footprints, why will Security not investigate it? Why do they just write it off because no one got inside the building? ANSWER

"The unlawful entry into a building is a crime." An "attempted" unlawful entry into a building is also a crime. To loiter or prowl around the outside of a building and make no attempt to enter may, or may not, constitute a crime. It may, or may not, be a matter warranting police action, depending upon the circumstances.

If there is evidence that a crime occurred, or a security problem exists, the police are expected to thoroughly investigate the matter. There is no double standard when it comes to dealing with crime or security issues. There is, of course, the matter of priorities. The degree of time and effort expended in any case must be reasonable and proportional to the seriousness of the incident.

Military - I have a complaint about the railroad tracks on North Lauritsen Road, and I was wondering if there could be a way of fixing the railroad tracks by

smoothing them out, because I believe that they've become a road hazard. People stop in the middle of the road and if you're not carefully watching what's going on, you can have an accident pretty easily. Thank you.

I agree that the tracks are indeed a "rattle maker." The necessary repairs will be accomplished under a new miscellaneous paving contract that was awarded during the month of May, and the track will get priority attention.

AM2 Terry Chandler singled out as VX-5's Sailor of Month

Class Terryl D. Chandler has been selected as Sailor of the Month for April by Air Test cycle. and Evaluation Squadron Five.

VX-5; he was also chosen for the honor in

The award certificate signed by Capt. P. That I can't handle.") F. Hollandsworth, Commanding Officer of For being selected as VX-5 Sailor of the from every division.

Petty Officer Chandler, who holds a master mechanic's license, has been part of the F/A-18 program since it started. He had been sent to Patuxent River by VX-5 to learn the operations of that aircraft by working with personnel from the McDonnell Douglas Corporation (builders of the aircraft) and VX-4, and is now working on VX-5's own F/A-18 aircraft.

"I feel really privileged to be able to work on a new aircraft as fine as that one," he says. He adds also that "for once, the builders have thought of the guys on the ground that have to work on it."

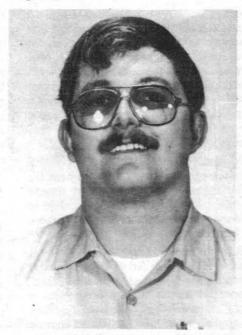
Of the nearly eight years that he's been in the Navy since enlisting from his home town of Vale, Ore., almost four have been spent with VX-5. He says that he probably will make the Navy his career because "they let me do what I like to do best - I'm a mechanic at heart, I enjoy training people, and I like to travel.'

His mechanical bent strays into his time off duty because he notes that he's pretty

Aviation Structural Mechanic Second good backyard mechanic and that he likes working with as well as riding his motor-

Other off-duty time is spent by Petty This is the second time that AM2 Chandler Officer Chandler with his fiance planning has been selected as Sailor of the Month by their wedding later this year, and listening to music of all kinds. ("Everything from symphonies to rock-and-roll, but no opera.

AIRTEVRON FIVE, notes that the award Month, he received a letter of comwas given in recognition of his exceptional mendation, a VX-5 plaque with his name performance, and that he was nominated by inscribed, a 72-hour pass and one month free his Division Officer and selected from a of duty status. He also has the loan for one month of a car from Desert Motors in Ridgecrest.



AM2 Terryl D. Chandler

MOMENT TO REMEMBER - While his young son, John, looks on, Col. John T. Tyler (at right), Marine Corps Liaison Officer, is congratulated by Capt. Lahr moments after

the NWC Commander presented the Meritorious Service Medal to the Marine officer.

Marine Corps Liaison Officer decorated for outstanding work

Acting on behalf of the Commandant of Deputy CNO's Aviation Plans and the Marine Corps and the President of the United States, Capt. Lahr last week presented the Meritorious Service Medal to Col. John T. Tyler, Marine Corps Liaison Officer at the Naval Weapons Center.

Col. Tyler, who has held his present position at NWC since October 1981, was cited for outstanding service while serving from December 1977 to August 1981 in the Office of the Deputy Chief of Naval Operations (Air Warfare), Washington, D.

During this 31/2 years period of time, Co. Tyler served first as the Assistant for Amphibious Warfare to the Vertical/Short Take-off and Landing (V/STOL) Program, and subsequently as the Marine Corps Liaison Officer in the Aviation Plans and Requirements Division.

In the commendation that accompanied the Meritorious Service Medal, Col. Tyler was cited for his substantial contributions to the CNO-directed Sea Based Air Master Study. It was noted that "his invaluable advice on vectored thrust designs and carrier operational concepts, his efforts in guiding three key studies toward a successful conclusion, and his thorough and comprehensive analysis of alternative advanced aircraft systems were extremely valuable for decision makers in structuring future naval aviation developments."

As the Marine Corps Liaison officer and personal advisor to the Director of the identical merchandise

Requirements Division, Col. Tyler also was commended for the close coordination he provided that was needed to assure an optimal balance of Navy/Marine Corps requirements.

His contributions it was noted, had a particular bearing on the successes achieved by the F/A-18 Hornet and AV-8B Harrier aircraft programs, the 25mm gun, and laser Mayerick.

Present for the ceremony during which he received the Meritorious Service Award were Col. Tyler's wife, Alice, and their youngest son, John, who is 9 years old. Also in attendance from the Marine Corps Liaison Office were Capt. Robert Carnot, M/Sgts. Charles McGuire and Al Garza, S/Sgt. William Conner, and Jeri Short, the office secretary.

Navy recreation programs benefit from NEX profits

Navy Exchanges worldwide generated nearly \$40 million in support of Navy recreation during the year ending Jan. 24,

Local commands were given more than \$20 million for morale, welfare and recreation programs, and the Navy Central Recreation Fund received slightly under \$20 million for recreation programs Navywide.

Price comparison surveys indicate that Navy Exchange customers saved 19 percent compared to average commercial prices for

Hearing about entry of 2 additional groups into Demonstration Project held last week

Nearly 80 people gathered at the Community Center last week for a hearing about the entry of GS-11 and under administrative and technical specialists into the Demonstration Project.

Eva Bien, Civilian Personnel Officer. chaired the meeting. Also on stage were Carl Schaniel, who is chairman of the Demonstration Project Executive Steering Committee; Bob Glen, Demonstration Project manager; and Don Shibley, head of Personnel Service Div. 2 and an expert on

Ms. Bien explained that the meeting was being held "to learn what you have to say about the project," and that oral comments were being recorded so that a transcript could be sent to the Office of Personnel Management in Washington and then, eventually, to appropriate Congressional offices. Written comments were accepted

for one week following the hearing. Both the transcript and written comments

will be available in the Technical Library and at the Personnel Department Office in about two weeks.

Only four persons asked for time to speak to enter their comments into the record. As of press time for this issue of the Rocketeer. the deadline for written comments had not yet been reached, so information about the number of written comments is not yet available.

None of the four speakers was personally within the group that will enter the Demonstration Project this August; each addressed inequities that they felt would occur under the proposed pay band grouping for administrative and technical specialists. All agreed, however, that the Demonstration Project was an improvement over existing conditions.



SPECIAL DELIVERY SERVICE — Replacing the air conditioning unit on the building at the Lark ramp would have taken two cranes, a buildozer to push the cranes up the steep road, and two days of work for all the personnel involved, so the Center's SAR helicopter brought in the new unit instead. Even at a cost of \$900 per hour for helo time, the Navy came out markedly ahead financially, since replacing the old air conditioner with the new unit took only an hour because of the skill of all those involved. LCdr. Byron Dieckman coordinated the operation. The helicopter was flown by LCdr. Chip Lancaster, with Ltjg. Brent Norman as co-pilot. Crewmen were AO3 John Schatz, AMS3 Mike Clenney, ADAN Chris Trindle, and SSgt. Bill Conners, who represented the U.S. Marine - Photo by Don Cornelius

Employees to be moved out of Training Center building

Anyone who needs to get in touch with mer. While the work is going on, the staff either do it today or plan to wait until the Monday, and even telephones are apt not to remain the same.

installed in the Training Center this sum- East Inyokern Road.

personnel at the Training Center should will be housed in Annex I, Bldg. 937, and the mobile home, Bldg. 2330, both located middle of next week; the Training Center behind the Training Center. Telephone staff will be moving out of that building on numbers of Training Center employees will

Classes that have been scheduled in the By Tuesday, the move should be com- Training Center next week (June 7 through pleted and the telephones once more func- 11) will take place there as scheduled, but classes during the rest of the summer will A new heating and cooling system is being be held at Murray Junior High School on

Everyone invited to attend picnic after giant air show on June 27

Forces Day, June 27, will not end with the compete, so prompt signups are necessary. completion of the air show, but will move to the area around the headquarters building good cause - will also be set up to test the for a picnic complete with music and "athletic" events.

Picnic activities begin at 1 p.m. and will continue until 4 o'clock. Honored guests at the picnic will be the Blue Angels, the Navy's precision flight demonstration team, and the pilots from China Lake who, earlier that day, will have presented a demonstration of Navy firepower.

At the Community Center, the spectacular multiprojector slide show "Navy Now" will be shown every 20 minutes from 1 to 4 p.m. so that all Center personnel and visitors will have an opportunity to see this outstanding presentation.

A car show will also be going on in the area north of the headquarters building.

"Athletic" events slated that afternoon will be mud volleyball in the finest mud in the west, tug-of-war, and the ever-popular

Grudge matches in either mud volleyball or tug-of-war are encouraged. Groups from throughout the valley are welcome to take part, not just civilian or military personnel from China Lake.

Entry blanks may be obtained from the Athletic Branch, Code 2217, at the Center

Students needed for 9 college classes offered in summer

Additional students are needed to insure that a number of academic classes that have been planned this summer can be offered.

NWC employees interested in taking any of the following classes are asked to contact the Training Center by calling NWC ext. 2648 and give their name, code and telephone number at work. CAL-STATE BAKERSFIELD

BPA 691, Seminar in Public Policy; 8, 15, 16, 29, 30 June and 1, 2, 7, 8, 9 September. BPA 320, Quantitative and Information

Systems; 14 June - 15 July, Mon./Thurs. BPA 477.025, Quantitative Analysis and Business Decisions; 15 June - 14 July,

Tues./Wed. Math 477.008, Differential Equations; 15 June-5 August, Tues./Thurs.

BPA 477.001, Accounting Concepts; 19 July - 19 August, Mon./Wed. CAL-STATE CHICO CSCI 250, Compiler Theory; 12, 13, 26, 27

June, 30, 31 July and 1 August. CSCI 360, Non-Linear Mathematical

Optimization; 15 June - 19 August. CSCI 397, Error Correcting Codes; 18, 19, 20 June, 23, 24, 25 July and 20, 21, 22 August. CAL-STATE NORTHRIDGE

EE 361, Linear Systems; 11, 12, 25, 26 June, 8, 9, 10, 22, 23, 24 July and 5, 6, 7 August.

The fun and festivities on NWC's Armed gym. Only a limited number of teams can

A dunk tank — with the money going to a skill of the Center's ball-throwers.

Music will be furnished throughout the afternoon by Nautilus, an eight-piece Navy band from Treasure Island, which plays "a little bit of everything" to suit all tastes.

No picnic would be complete without food and lots of it. Those who'd like to purchase "goodies" will be able to buy hot dogs, cold beverages, and beer at booths that will be set up adjacent to the headquarters building

Picnickers are also welcome to bring their own food as well, but no facilities for barbecuing will be available.

Last chance to take required EEO classes before rating time

Only two more "Prevention of Sexual Harrassment" classes will be taught before the end of the performance appraisal year for Demo Project supervisors on July 31.

Since the Navy has established a requirement that all supervisors of civilian employees must attend this class, those who have not already done so are urged to sign up for one of these two classes.

The "Prevention of Sexual Harrassment" classes will be held on June 15 and June 22. Both are 4-hour sessions that will meet the requirement of 4 hours of EEO training per year that supervisors must meet. Twenty-four sessions of the class have

been held since Nov. 1, 1981. Supervisors can register for the class by

(Continued from Page 1)

submitting an NWC training request through department channels to Code 094.

Tech Director . . .

Acting Deputy Technical Director/Laboratory Director before being appointed to the position he was holding at the time he became the Technical Director.

In April 1974, Hays received the L. T. E. Thompson Award, the Center's highest recognition for outstanding individual achievement. He was cited "for his outstanding contribution to the field of weapons design and development and especially his skills in the process of transition from development to production."

Hays is married to the former Lesta K. Adsmond. They have four children: Janet, Beth, Sandra, and Eric.



Unusual earthquake sequence monitored by Caltech seismologists

the local area that ties directly into the Seismological Laboratory has resulted in increased studies of the not-completelystable earth beneath NWC.

After the magnitude 4.3 and 4.6 earthquakes near Charlie tower on March 7, an unusual sequence of earthquakes began near Cactus Peak, one of NWC's 38 rhyolite

On March 13, Dr. Carl Johnson at CalTech's Seismological Laboratory notified Dr. Glenn Roquemore, research geologist at the Naval Weapons Center, of the events and requested assistance in studies to determine if the unusual events (correlated noise) might be due to the intrusion of magma (molten lava) into the upper crust of the earth. Dr. Roquemore, Harold Cronin and Ken Pringle of the Research Department began efforts to rule out wind noise and noise induced by range

By Monday, March 15, it was clear that California Institute of Technology neither wind nor testing caused the unusual seismicity. NWC Safety and Security officials were notified of the fact that the U.S. Geological Survey, CalTech, and NWC personnel were investigating data that could represent the instrusion of magma.

> It became important to further substantiate evidence that the unusual seismic activity might be due to volcanic activity (harmonic tremor).

Very little is known about harmonic tremor, and very few seismologists can recognize it as such. Therefore, Dr. Johnson sent the records to the Cascades Volcanic Observatory for analysis. The results were 'maybe yes and maybe no, but by all means continue intensive investigative

Cosos in an east-west direction. Up to 4.3 centimeters of bulge centered at Sugarloaf Mountain (another of the NWC volcanoes) was found to have occurred since 1975. Because of the moderate amount of uplift and the apparent locations of the bulge over a volcano, a decision was made to run a trilateral survey to determine the location of the bulge in three dimensions. This survey is still being completed.

A wind recording station and portable seismograph have been installed near the seismometer receiving the most intense harmonic-like seismicity. This is done to rule out wind disturbance and noise caused

Since the March 13 and 14 events, several other events have occurred and a pattern of recognition is beginning to develop. These tremor-like events usually occur with a large number of micro-earthquakes The first procedure was to recheck a level (magnitude 1.0-2.5); in fact, it is not unusual line that crosses the volcanic field in the to have 50 or so micro-earthquakes in a 48-

hour period. These swarms have been occuring here, with usually 3 to 4 days of quiescence between the swarms. At the present time the cause of the

seismicity and the deformation is unknown, but the hypothesis is that it may be due to magma migration and reinflation of a buried magma chamber. According to Dr. James Savage at the U.S. Geological Survey, the same phenomenon that is occurring at Long Valley (near Mammoth Lakes) may be developing in the Coso Range.

Summer camping tips

Going camping this summer? Family summer vacations often are spent at wilderness locations. Tetanus infections, ticks and snake bites can ruin a family vacation and, at worst, can become fatal situations. Listen to TEL-MED tape No. 1081, "Health Hints for Campers," to learn more about the perils of camping and how to become aware of how to avoid dangerous

TD Award . . (Continued from Page 1)

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transportation; (3) design of techniques to counter the most serious threat, fire; (4) development and proof of the effectiveness of fire detection and suppression systems suitable for use during transportation; and (5) a joint effort with the Ballistics Research Laboratory at Aberdeen, Md., aimed at countering propagation of

detonation from item-to-item and boxcar-to-

The principal goal of NWC employees involved in the STROM Program was to prevent any catastrophic explosion by means of a fire detection and suppression system. This required an understanding of how fires on a boxcar were initiated, the nature of burn-through of the floor of a boxcar and the characteristics of firespread within a loaded boxcar.

The gathering of this knowledge, which was directed here by Pakulak, was done through small scale and full scale fire tests that permitted the development of practical systems and proof of their effectiveness in a railroad boxcar loaded with munitions.

Pakulak has been involved in thermal research work at China Lake since 1960 after returning here from nearly two years of military service that began in 1952 and was followed by educational leave during which he earned a master's degree in chemistry at Oregon State University in Corvallis. He was hired initially in October 1952, but was drafted into the Army two months later.

Still working from the same building in the CLPP area where he first set up shop 22 years ago in what was then the Propulsion Development Department, Pakulak has worked extensively on the prediction and determination of bomb and air-launched ordnance cook off due to the outbreak of

Emphasis was placed upon reducing the severity of the cook off without limiting the effectiveness of the weapon to meet the purpose for which it was developed. He was, Pakulak said, in on the ground floor of the Navy weapons cook off program - one that dwindled to some degree in the mid-1970s but once again is going strong.

In addition, he has been involved in test work carried out under the Explosives Advanced Development Program to determine those explosives that would or would not self-destruct under adverse condition (such as fire), and also has investigated the phenomena of "sympathetic" detonation whereby one explosion can trigger an entire series of blasts of weapons in storage.

Police reports . . .

Officials at Murray Junior High School called China Lake police shortly after 8 a.m. broken on the north side of the school Center theater.

Rocks were thrown through the windows of the building sometime between 4 p.m. on May 25 and 6:30 a.m. on May 26. A dozen windows were broken resulting in damage estimated at \$300.

CLOTHING STOLEN AT BEQ A theft of women's clothing from the laundry room in BEQ-2 was reported Monday evening to China Lake police.

The victim had left varied items of clothing in a clothes dryer but they were gone when she returned to pick them up. Value of the missing clothing was estimated

DRUNK DRIVING ARRESTS

During the month of May, China Lake

police made six arrests of motorists who were charged with drunk driving on the Naval Weapons Center.

Energy conservation tip Make sure the ducts in your airconditioning system are properly insulated, especially those that pass through the attic

or other uncooled spaces.

planned Tuesday in Ridgecrest

TOUGH ON RAIL ROAD BOX CARS — This is what one railroad boxcar looked like after

it had been loaded with live and inert bombs before a fire was set that burnt its way

through the floor of the boxcar and caused the explosives to detonate. Tests such as this

were conducted to determine how to detect and suppress fires in railroad boxcars used to

transport ordnance. His work on the Tri-Service Safe Transport of Munitions Program

Next visit of mobile blood bank

was the basis for an NWC Technical Director Award presented to Jack Pakulak.

Another of the regularly scheduled visits Bank

to Ridgecrest by the Houchin Community

will take place on Tuesday from 1 to 6 p.m.

Blood Bank's mobile unit from Bakersfield

Pints of blood contributed to the Indian

Wells Valley Blood Bank's Advanced Fund

will be collected at the Ridgecrest Elks

The April 13 visit by the blood bank's

mobile unit from Bakersfield resulted in the

collection of 183 pints of blood, the most ever

to be received during a single stop here,

according to Kay Thoms, chairman. She is

hoping for another good turnout by blood

donors on Tuesday, since this will be the

mobile blood bank's last visit here until

Individuals may designate the person to

whom their blood is to be given, or con-

tribute a pint of blood to the IWV Blood

Bank's Advanced Fund for whoever may

Those who donate blood in a particular

patient's name must, however, follow up

and contact Mrs. Thoms by calling 375-4323,

since she is the only person in this part of

Lodge, 200 E. Church St.

On Tuesday afternoon, prospective blood donors will be checked by a nurse at the blood bank, and are asked not to eat any dairy products or fatty foods within three hours prior to the time they expect to donate blood. Even a cup of coffee during this time is a "no-no," Mrs. Thoms said.

Persons whose pulse rate is over 100 will be rejected as blood donors and anyone who has ever had hepatitis, cancer, tuberculosis, heart disease, or syphilis is banned from giving blood.

In addition, prospective blood donors who are taking any kind of medication should let the nurse know what they are taking and the

of station (PCS) orders are now eligible for a one-way, 16-cents-a-mile allowance when delivering or picking up a privately owned vehicle from an authorized shipping port.

The allowance, authorized by a recent amendment to the Joint Travel Regulation, is payable only for the portion of travel with Kern County who can arrange for the the vehicle the distance covered to or from

Those portions of travel that occur before picking up the car or after delivering it to the port are at the serviceman or woman's own expense.

Delivery and pickup of the vehicle can be accomplished by the servicemember, either as a separate trip or concurrently with the PCS move, by the dependents of military woman designates.

Graduation ceremonies slated June 10,11

Three Indian Wells Valley schools have scheduled their 1982 graduation ceremonies

Approximately 300 members of the Burroughs High School Class of 1982 will be honored during graduation ceremony on Thursday, June 10, at 8 p.m. at the high school athletic field.

Similar programs for 330 ninth graders who will be moving up to high school from Murray and Monroe Junior Schools when on May 27 to report an incident of vandalism the new school year begins next September that resulted in several windows being will take place on Friday, June 11, at the

> Members of the BHS Class of 1982 will march to their seats as the processional is being played by a brass band composed of members of the school orchestra.

> The pledge of allegiance to the flag, led by Joe Hillenbrand, senior class vicepresident, and the invocation, delivered by the Rev. Gordon Crider, of the Covenant United Presbyterian Church, will open the program, which also will include (as special music) a vocal solo "Along the Road" sung by Toni Squillace.

> Student speakers during the high school graduation program, and the titles of the talks they will deliver, are Janet McGuire. "The Best Years of Our Lives," and Susan Lackaye, "Saying Goodbye." Both are graduating seniors at Burroughs.

> Following the presentation of the Class of 1982 by Michael H. McGrath, principal of Burroughs High, the graduates will receive diplomas from two members of the board of education of the Sierra Sands Unified School

program will be by ticket only. The ceremony will be followed by a reception for the graduates that will be held in the Burroughs High multi-use room.

Back-to-back graduation ceremonies for the ninth graders of Murray and Monroe Junior High School will get underway next Friday, June 11, in the Center theater. The Murray Junior High program will begin at 5 p.m., and be followed at 7 o'clock by a similar ceremony for the graduates of Monroe Junior High.

Approximately 150 students will receive diplomas during the Murray Junior High by Fr. John Patterson, rector of St. Michael's Episcopal Church in Ridgecrest. Fr. Patterson also will deliver the benediction at the conclusion of the

Student speakers will be Julie McCaughan and Gay Nicholson, who have held the office of student body president for the past two terms at Murray Junior High.

Major honor awards that will be presented during the program will include the principal's award, as well as those given by the American Legion, Delta Kappa Gamma, and Phi Delta Kappa.

The recipients of these awards have been chosen on the basis of their academic achievement, interpersonal relationships, extra curricular activities, acceptance of responsibility, ability to work efficiently with others, and leadership qualities.

Diplomas will be presented to the graduates on behalf of the Sierra Sands Unified School District by Roderick Mc-Admission to the BHS graduation Clung, president of the school board.

SAR helo kept busy on mercy flights over long weekend The NWC Search and Rescue helicopter

spent a busy weekend, making a total of four mercy flights from Friday through Monday

Friday afternoon it was called out to search the Inyo Mountains for a suspected aircraft crash. After a diligent search, no crash was spotted. Crew on that flight was Lt. Col. Scott

Smith, pilot; LCdr. Chip Lancaster, copilot; and AD1 Skip Colson, AMS3 Mike Granato, and HM Mark Harrington, crew. (The other flights over the weekend were

made by the same crew with the exception of LCdr. Lancaster, who was not aboard.) The first of two calls Sunday involved picking up the victim of a dune buggy

rollover accident in the area near Randsburg. Andrea Bartlett, 13, from Bellflower. was flown to the Ridgecrest Community Hospital for treatment of injuries she suffered in an accident in which another person was killed.

Later that same afternoon, Stacy Rose, 18, from Granada Hills, was flown from the site of an ATV tricycle accident in Red Rock Canyon to the Ridgecrest Community Hospital, also for treatment of injuries

Monday afternoon, the SAR helicopter and its crew were called to Placer Glacier (located about 14 miles west of Bishop), where Andrew Nordquist, 27, had fallen on the ice and broken his leg and foot. He had already spent one night on the glacier, and doctors at the Northern Invo Hospital said that the flight was essential because if treatment had been delayed during the length of time it would have taken to carry him to a road, his foot probably could not be

Vehicle allowance granted for PCS moves

Military personnel on permanent change

personnel, or by anyone the serviceman or

Music during the Murray Junior High graduation program will include selections by the concert band and the school choir. The latter group, directed by John Coates,

will sing "Fly Away."

There will be a reception honoring the graduates immediately following the graduation ceremony. It will be held in the Murray Junior High cafetorium, and is open to parents and friends of the graduates.

There are approximately 180 ninth graders from Monroe Junior High School in Ridgecrest who will be receiving their diplomas during the second of two graduation programs next Friday night at the Center theater

In addition to the presentation of diplomas by McClung, the Monroe Junior High School graduation program will be highlighted by a speech entitled "Better Than Ever" given by Stephanie Maxwell, a member of the graduation class, and announcement of the winners of academic awards and other

The latter include the principal's and assistant principal's awards, as well as those to be given by the American Legion, Phi Delta Kappa, and Delta Kappa Gamma.

Members of the Monroe Junior High graduating class will march into the auditorium as the school band, directed by Louise Bare, plays "Pomp and Circumstance," and march out at the conclusion of the program as the recessional,

"Musico" is played. In addition, the graduation program will include the selection "Let Me Be There," sung by the Monroe School chorus, directed by Lois Sanders, and a vocal solo, "On a Clear Day," sung by Sandy Shearer, one of the graduates.