

SEA CADET CHANGE OF COMMAND — The flag symbolic of command of the Naval Weapons Center Division of the Naval Sea Cadet Corps (NSCC) was passed from LCdr. Scott Edwards (at left), the outgoing Commanding Officer of the local unit of the Sea Cadet Corps, to LCdr. Bill Fees, NSCC, during a change of command ceremony held recently. Edwards, an electronics technician second class assigned to duty at China Lake, will be leaving the local area to attend electronics school in San Diego. Fees, his successor, is a member of China Lake Detachment 0217 of Reserve Naval Mobile Construction Battalion 17. Seen saluting in the foreground is Lt. Jerry Angle, administrative officer of the NWC Division of the Sea Cadet Corps, who served as adjutant during the change of command -Photo by Jerry Morrison, USNR-R

Kern Philharmonic Orchestra to present concert on Monday

sounds of a symphony orchestra to local concert goers on Monday, when the group performs at 7:30 p.m. at the Center theater.

For this, the fourth program of the 1980-81 series arranged by the Indian Wells Valley Concert Association, the 65-member orchestra - under the direction of John Farrer - will present a program that includes Rossini's "Silken Ladder" overture and Dvorak's "New World" symphony.

The featured soloist will be Seth McCoy, a leading tenor with the Metropolitan Opera, who will sing operatic arias by Donizetti, Bizet, Puccini, and Beethoven, accompanied by the orchestra.

Individual tickets for the concert are priced at \$6 each for general admission. There is a reduced rate of \$4 each for persons under 21 and over 65 years of age, as well as for enlisted military per-

Only a limited supply of tickets to the concert by the Kern Philharmonic Orchestra remain since most of the seats in the theater have been reserved by season ticket buyers. Since a sellout is possible, early purchase of the remaining tickets is recommended by Concert Association of-

Tickets are available now in Ridgecrest at the Music Man, the Gift Mart, Medical Arts Pharmacy, Center Pharmacy (located next to the Drummond Medical Center), and at McNel's Fashions. They also can be purchased at the Maturango Museum.

Any tickets that remain will be placed on sale at the theater box office on Monday, starting at 4:45 p.m. The theater doors will open at 7.

Season ticket holders who find they will be unable to use their tickets for this concert are asked to release their seats by phoning major orchestras and opera companies. the Concert Association at 375-5600 as soon as possible - preferably before 6:30 p.m. on he began his musical training before Monday. This will enable more persons who moving to Cleveland and New York. He wish to purchase single admission tickets to received the first major impetus to pursue a

After 4:45 p.m. on Monday, such calls will the Robert Shaw Chorale during two tours of be taken at the Center theater box office, the United States and South America.

professional orchestras in California, is Pamino in a transcontinental broadcast of considered to be one of the state's leading Mozart's "The Magic Flute," and is symphony orchestras. Recent development currently acclaimed as America's foremost of the group has been due in large part to the oratorio tenor.

The Kern Philharmonic will bring the leadership of Farrer, who is serving his sixth season as music director and con-

> ductor of the orchestra. While the Kern Philharmonic has been making an important contribution to the cultural life of Kern County for 35 years, this will be its first appearance in eastern Kern County under the auspices of the IWV Concert Association

About one third of the program Monday night will feature McCoy, the guest soloist, who is a favorite with orchestras around the country for his ringing tenor voice and varied repertoire.

McCoy is also an internationally acclaimed recitalist and is gaining popularity



Seth McCoy quest soloist

on the opera stage - notably as a leading tenor with the Metropolitan Opera. He travels constantly across the United States and in Canada, appearing with the nation's

McCov was born in North Carolina where career as a tenor soloist by appearing with

McCoy made his Metropolitan Opera The Kern Philharmonic, one of the oldest debut in February 1979 singing the role of

Program scheduled about background of Sunshine House

A slide show about the development of Sunshine House will be presented in the conference room of the Ridgecrest Branch Library, 131 E. Las Flores Ave., on Wednesday evening at 7:30. Everyone in the community is invited to attend.

The program will be narrated by Rose Varga, vice president of the Association for Retarded Citizens, and is expected to last about an hour, including questions and

Mark Archer, Sunshine House artist in residence, will display unfinished design bricks and tile and pottery during the program. Each of the bricks depicts anendangered species in the local area; retarded citizens have been involved in making both the bricks and the tile.

The program is designed to inform Ridgecrest residents about the activities of Sunshine House.

Anyone seeking further information may either contact the Ridgecrest Branch Library or telephone 375-7666.

One-day course on savings investment slated at VFW Hall

A one-day course on investing savings as a means of keeping up with today's inflation will be held on Saturday, Feb. 28, from 9 a.m. to 4 p.m. at the Veterans of Foreign Wars Hall, 117 Alvord St., Ridgecrest.

This is a Cal-State Bakersfield course that will be conducted by Bruce Crabtee, an account executive for Dean Witter Reynolds, Inc.

Topics to be covered include income, growth, speculation, risk, tax advantages, stocks, bonds, financial institutions, partnerships, insurance and commodities. Those who attend the investment seminar will learn what investments are available and what can be expected from each.

The fee for this non-credit course is \$45 and paid reservations are due by next Friday, Feb. 20.

For additional information and enrollment forms, contact the Cal-State Bakersfield Division of Extended Studies by calling (805) 833-2207. Written inquiries may be sent to CSB, 9001 Stockdale Highway, Faculty Building, Suite 101, Bakersfield

Desert Art League schedules talk by college art teacher

Walter Giordano will be the guest speaker at the Desert Art League meeting to be held on Tuesday at 7:30 p.m. at the Community Center. Members and guests are asked to note the change of date due to the conflict with the IWV Concert Association program on Monday.

Giordano will discuss and illustrate perspective and composition in painting. He is an adult evening class art instructor for Bakersfield College and also teaches private classes.

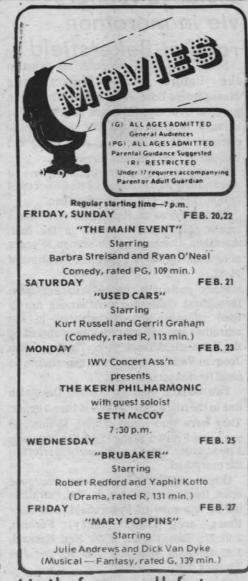
He has taught at Garces High School in Bakersfield and was an artist with the Navy Combat Art Program during the Vietnam War. He now operates his own commercial art studio in Bakersfield.

Guests are welcome to attend by paying the guest fee of \$1.

Navy Relief observes its 77th anniversary

The Navy Relief Society (NRS) celebrated its 77th anniversary in January. Since its incorporation in 1904, the size of the NRS has expanded to provide a wide range of services and financial assistance to active and retired members of the Navy and Marine Corps and their families, as well as to widows and orphans.

More than \$9 million in financial assistance was provided to more than 50,000 service members last year, in addition to other services.



Hail, farewell fete for military officers to be held on Feb. 26

Five military officers will be honored at a hail and farewell party to be held at the Commissioned Officers' Mess next Thursday, Feb. 26.

Following a social hour from 5:30 to 6:30 p.m., presentations will be made to Cdr. Gordon Carlburg, LCdr. Robert and Lt. Donald Watkins, who are leaving.

Incoming officers being welcomed aboard are Lt. John Kelley and Capt. Jon A. Gallinetti, USMC.

Those who wish to stay for dinner after the presentations are asked to make reservations by telephoning 446-2549.

Sealed bids on pool tables due tomorrow

Sealed bids on the purchase of six pool tables that are being offered for sale by the Recreational Services Department will be taken tomorrow, between 9 and 11 a.m., in the old Station Restaurant building located at the corner of Blandy Avenue and Lauritsen Road.

Original cost of the pool tables, which are in good condition, ranged from \$400 to \$800.

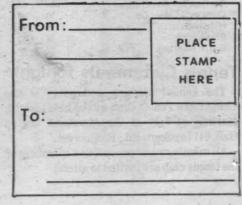
The sealed bids will be opened at 11 a.m. tomorrow and awards made to the high bidders. The pool tables will be sold for cash, and must be removed within one week of the sale

Menu at COM to feature Turkish food Tuesday

The special dinner of the week at the Commissioned Officers' Mess will feature

Next Tuesday, Feb. 24, on Turkish night, the main attraction on the menu will be beef or chicken shiskebob.

Dinner will be served from 6 to 9 o'clock on Tuesday evening. U.S. Government Printing Office.





NAVAL WEAPONS CENTER

Vol. XXXVI, No. 7

Tech Director Award presented

February 20, 1981

INSIDE ...

SECNAV Outlines Priorities..... Incentives Awards Presented..... Bluejacket of Year Banquet Sports Concert by Kern Philharmonic.....



PLAYS KEY ROLE IN TEST PROGRAM — Donald E. Gahn, shown examining the seeker section of a High Speed Anti-Radiation Missile (HARM) in preparation for a flight test, last week received the Technical Director's Award for his valuable

A Navy task force in the Indian Ocean

receives intelligence that a Red force in-

tends a surprise attack on its ships shortly,

and officers plan how to meet such an at-

tack. Although the task force and its enemy

are still out of all sensor contact with each

other, the Navy task force launches some of

Jamming strobes are detected by the

passive sensors of the United States' task

force and additional fighters are sent in the

direction of Red attackers. While these are

engaged in an aerial action, another group

of Red aircraft launches its cruise missiles;

and succeed in sinking four ships.

the humid Indian Ocean.

PURPOSE OF FACILITY

a few penetrate the United States defenses

A button is pushed and the battle ends.

Analysis says that those ships should not

have been lost - but, fortunately, this

battle occured on the display screens of the

Weapons and Tactics Analysis Center

(WEPTAC) located in the California desert

at the Naval Weapons Center rather than in

WEPTAC is a facility designed to enable

its users to evaluate weapon systems and

tactics as they are used in real time with

either interactive participation by the op-

ponents (Red and Blue forces), or against

Developed by NWC's Weapons Planning

Group, WEPTAC can be used to develop and

evaluate tactics for Fleet personnel, to

evaluate enemy systems and tactics, or to

Manual war games used for centuries to

develop tactics became too cumbersome as

modern war became more complex. By

using a computer, WEPTAC permits

modeling any level of conflict from a one-on-

one engagement to a force level campaign

involving more than 200 units, each with up

to 30 different weapons and sensors. These

either just the computer or an umpire.

evaluate conceptual systems.

its fighters and early warning aircraft.

With help of computer, war games tactics,

conceptual stage

employment of weapons systems evaluated

engagement can be replayed, with minor

changes of any of the elements to determine

the effects of such a change on the outcome,

thus permitting evaluation of a single

weapon or component while it is still in a

WEPTAC consists of a central computer.

an umpire station, several work stations,

and a sophisticated software package. The

system can be expanded readily by adding

more work stations, each of which uses only

a cathode ray terminal to transmit com-

mand decisions to the computer, a graphics

Valuable contributions to

HARM development flight test program recognized

tributions to the Phase II development flight test program of the High Speed Anti-Radiation Missle (HARM), the NWC Technical Director Award was presented to Donald E. Gahn by Bob Hillyer during the Commander's meeting held on Monday, Feb. 9.

Gahn, an electronics engineer, serves as the Test and Evaluation line manager in the Electronic Warfare Department's HARM Technical Program Office.

"One of the most important programs we have in development today is HARM. It passed a significant milestone when the HARM Phase II development flight test program was completed last November," Hillyer said as he presented the Technical Director Award to Gahn. Gahn, Hillyer noted, was the most central

figure among a large group of NWC employees who were involved in the HARM Phase II development flight test program. "Thanks for a superb job," the Technical Director said to Gahn as he also mentioned that the award was being made with the full

display screen to show the tactical situation,

and a printer to provide a record of all

The software is arranged into a number of

modules, each handling a different element

of the game. The seven modules of the

current WEPTAC software system include

a force characteristics module that contains

a file of weapons, sensors and units; a game

setup module that includes force

arrangement and preparation of initial

tactics; a graphics and message module

(Continued on Page 5)

In addition to a letter of commendation Gahn received an engraved paperweight and a \$300 stipend that accompanies this special form of a Superior Achievement

The objective of the Phase II HARM flight test program was to demonstrate that the HARM weapon system met all of the performance thresholds specified in the HARM Development Concept Paper in order to support a decision by the Secretary of the Navy to proceed into initial production of HARM

These requirements included carrying and launching the missile from both Navy and Air Force aircraft in three distinct launch modes under five different scenarios. The missile was tested against -both land and seaborne targets under a wide variety of conditions, including electronic countermeasures.

140 CAPTIVE FLIGHT TESTS

More than 140 captive flight tests were conducted, and 18 missiles were launched against targets at both China Lake and Point Mugu ranges between March 1979 and November 1980.

The Phase II flight test program was plagued with the typical engineering development problems of hardware delivery delays, test equipment and instrumentation failures, changes in requirements and plans, coordination breakdowns between the many different organizations involved in the tests, as well as tight budgetary and manpower con-

Gahn's key role in this test program brought him into contact with technical personnel from various organizations at the Naval Weapons Center, as well as numerous contractor personnel and representatives (Continued on Page 3)

Temporary spell of warm weather hikes mercury to 81 deg.

A spell of warm weather earlier this week brought with it visions of spring, followed by the arrival of summer.

Although it was warm for this time of year (the mercury climbed to a high of 81 on Tuesday after hitting 79 on Monday), it wasn't a record, John Gibson, a weather forecaster with the Naval Oceanography Command Detachment at Armitage Airfield,

The maximum temperature on record for the month of February is 83, which was set on Feb. 27, 1968, and again on Feb. 28, 1972, Gibson said.

The sudden warming trend was due to a high pressure area that moved in over the southwest part of the United States, creating a stagnant air mass that permitted the temperatures to rise, Gibson added.

The weather forecaster expects cooler weather more normally associated with this time of the year to return and continue for several more weeks.

BATTLE IN PROGRESS — Concentrating hard on strategy to win the engagement that they are "fighting" with the computer are (front) LCdr. Bill West, head of the Projects Office in the Test and Evaluation Directorate, and Dave Pack, from the Warfare Analysis and Requirements Group in the Weapons Department, Behind them are Gerry Panek, a member of the Air Breathing Propulsion Branch of the Ordnance Systems Department, who is directing an action on the computer, and Greg Welz, a Junior Professional employee, who is observing the "battle."



INTERSERVICE COOPERATION — Twenty members of the 445th Civil Engineering Squadron, an Air Force Reserve unit headquartered at Norton Air Force Base in San Bernardino, were here recently for heavy construction equipment proficiency training that was carried out with the cooperation and aid of local Seabee Reservists. As this photo was snapped, M/Sgt. Willie A. Duckworth and Sqt. Michael Bunting were getting the feel of operating a back hoe at a decomposed granite pit located in the stable area near B Mt. A crane, dump trucks, graders, and a 10-ton tractor were some of the other pieces of Navy heavy equipment the Air Force Reservists had the use of during training that included leveling ground for a baseball field at James Monroe Junior High School in Ridgecrest. The 445th Civil Engineering Squadron is commanded by Maj. James E. Serpanos, USAFR, who is employed as a mechanical engineer in the Thermal/Structure Branch of the NWC Ordnance Systems Department's Advanced Technology Division. The latter was highly pleased with the cooperation and assistance received from the NWC Command and the Seabee Reservists in making this training available, and expressed the hope that members of his unit will be able to return soon for additional -Photo by CM2 Jerry Morrison, USNR-R

New Classification Handbook distributed

The Classification Handbook, AdPub 243, organizations. dated December 1980, was recently distributed for use in preparing and classifying Personal Activities and Capabilities (PACS) for administrative book are the only coding sheets that should personnel and specialists, GS-12 and above, be used in preparing PACs. er the Civil Service Demonstration Project.

The handbook was distributed to all supervisors of administrative personnel and specialists as well as heads of staff in those

The handbook, dated December 1980, is the only official copy authorized for use. The PAC coding sheets contained in the hand-

Those seeking further information on the Classification Handbook for administrative personnel and specialists, should contact their department personnel management advisor (PMA).

The Rocketeer

Official Weekly Publication **Naval Weapons Center** China Lake, California Captain W. B. Haff **NWC Commander** R. M. Hillyer **Technical Director** S. G. Payne **Public Affairs Officer**

Don R. Yockey

Editor

Mickey Strang Associate Editor **Beverly Becksvoort Editorial Assistant**



Tuesday, 4:30 p.m. News Stories Tuesday, 11:30 a.m. The Rocketeer receives American Forces Press Service material All are official U. S. Navv 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.

Promotional opportunities

Applications (Standard Form 171) should be put in the drop box located at the Reception Desk of the Perconnel Department, Bldg. 34. Unless otherwise specified in an ad, applications for positions listed in this olumn will be accepted from current appointable (i.e., career/career conditional and VRA) 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 alternate 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 filling of mese positions inrough merit Promotion is 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-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 supplementa 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

5. PD No. 8008023AMIN, Code 0861 - This position is located in the General Accounting Branch, Accounting and Disbursing Division of the Office of Finance and nt. Responsibilities include analyzing the assigned charges checklist to determine the necessity for and T & E support. Incumbent will supervise a subordinate billing adjustments, maintaining the Fund Control Ledger, conciling accounts, assisting FMAs in researching nassigned costs and obligations, etc. Job Relevant Criteria: Knowledge of accounting principles; knowledge of NIF and appropriation accounting systems; ability to deal effectively with people; ability to work independently

nent No. 21-002, Lead Communications Clerk, GS-394-5, PD No. 8121002N, Code 2123 - This position is located in the Communications Office, Communications and Electronics Maintenance Division, Military Administration Department. Incumbent will function as lead clerk, assigning and monitoring the office workload and esponsible for monitoring communication service requests, processing the communication service authorizations, auditing monthly telephone bills, coordinating the annual publication of the Center telephone directory, monitoring the G.E. radio contract, operating the PABX switchboard, assisting in the preparation of the annual budget, and operating word processing equipment.

Job Relevant Criteria: Ability to lead other employees: knowlege of telephone procedures, equipment idenprintouts; skill in operating a PABX switchboard; skill in operating word processing equipm

uncement No. 26-006, Secretary (Typing), GS-318-4/5, PD No. 8026080N, Code 267 — Position is located in the Transportation Division of the Public Works Department. mbent provides clerical, typing and other administrative support to the personnel and head of the Transportation Division. Duties include screening of correspondence; maintaining files; receiving visitors and phone calls to the division; maintaining calendar for division head; arranging for conferences and meetings; making travel arrangements; and providing guidance and assistance to personnel assigned to the division Job Relevant Criteria: Knowledge of NWC and Navy correspondence procedures; ability to tactfully handle work contacts both within and outside the center; ability to exercise initiative; ability to organize and facilitate the work of the office. Position may be filled at either GS-4 or GS-5 level; however promotion to GS-5 is not guaranteed.

Announcement No. 26-067, Electrician (High Voltage), WG-2810-8/10, JD No. 384N, Code 26445 — This position is that of a lineman in the Utilities and Range Branch, Maintenance-Utilities Division of the Public Works Department. The incumbent installs, maintains and repairs electrical transmission and distribution lines and equipment and accessories connected with power transmission. This includes overhead and underground power lines, transformers, street lighting systems and switching gear. Installs and repairs wire and cable transmission lines; installs and repairs poles, crossarms, insulators, guy wires and anchors to support lines by power equipment or by hand; installs sub-stations and target structures. Job Relevant Criteria: Ability to safely perform the work of the position without more than normal supervision; technical practices; knowlege of trade theory and instruments; ability to use handtools and power equipment; ability to use electrical drawings; maintenance and troubleshooting.
If selection is made at the WG-8 level, promotion to WG-10 is possible; however, promotion is not guaranteed. Note:
Supplemental is required and may be picked up at the eception desk or in Room 210 of the Personnel building.

Announcement No. 31-018, Supv. Electronics Engineer DP-855-3, PAC 8131505, Code 3143 — Position is head of the

Training classes



students should submit NWC Training Request and uthorization Form 12410 73, via ertment channels, to reach code 094 before the deadline listed. If handicapped indicate need for first floor room location

53500J - Assertive Management; March 11-12, 8 a.m. to 4 p.m. Instructor: Lynn Lacey. Class still open.

83000E - Management of the Troubled Employee; April 2, 8 to 11:30 a.m. Instructors: Floyd Drake and Ken Burton. Class still open.

46000D - Management Analysis and Review; Feb. 23-27, has been cancelled until a future date. Laser Technology; March 23-27, 8 a.m. to

4 p.m. Instructor: Dr. Richard S. Hughes, Place: Training Center. RSX-11M Fortran Users Course; March 20 to April 3, 8 a.m. to 4 p.m., Training Center. Instructor: Walter Gallant, Mini and Micro Educational Services.

uncement No. 0819, Accounting Technician, GS-525- Aircraft Systems Engineering Branch, Avionics Division the branch is to direct and support the Memory Loader ring requirements and provide aircraft integration staff consisting of Level 3 professionals and technicians with responsibilty for coordinating the work of the branch. initiating and managing contracts, and coordinating with sponsors, Fleet personnel, and Aircraft Project Offices. Job Relevant Critiera: Knowledge of aircraft avionics armament systems, and aircraft weapon stores; ability to pment projects: ability to communicate clearly both orally and in writing; skill in handling work contacts with persons of varied disciplines; ability to supervise and manage a branch organization; interest in and potential to manage people problems (EEO).

Announcement No. 39-007, Program Analyst, GS-345-12, PD No. 8039098E, Code 3908 — This position is located in the Sparrow Program Office of the Weapons Department. The nt functions as staff to the program manager to provide and evaluate data needed to velop/modify/accomplish program objectives and operations. The incumbent recommends action based on the evaluation material. The incumbent also functions as the focal point for all contract and contract related effort within the Sparrow Program Office. Job Relevant Criteria: Comprehensive knowlege of the missile system analytical ability; the ability to present analysis and lusions in a logical, concise manner; knowlege of ntract requirements and regulations. Previous

ncement No. 61005, Assistant Department Head

DP-340-4, PAC No. 8061501, Code 6101 - This position serves as the civilian associate to the Military Department Head, Aircraft Department, Code 61, T&E Directorate. This is a multi-functional, technically-oriented position involving management of 400 military and civilian per provement of aircraft and facilities at the Armitage Air field in support of the NWC T&E mission. The position requires the incumbent to be responsible for various Aircraft Department/T&E Directorate development and modernization programs; direction of Aircraft Departnization studies and implementation; and technical/administrative/management support to the department head on all major issues affecting the Aircraft Department. Job Relevant Criteria: Knowledge of Center-wide major technical programs and capabilities; ability to manage large facility support programs; ability to interface with military and civilian personnel at all levels; ability to organize and direct implementation of specific aircraft-related technical hardware and software support systems; clear oral and written communication ability knowlege of business and financial management of major nent and systems; demonstrated support of the Center EEO program



DIVINE SERVICES

PROTESTAN' Sunday Worship Service Sunday School Classes are held in Chapel Annexes 1, 2, 4, (Dorms 5, 6, 8) located opposite the former Center Restaurant Communion Service first Sunday of the Month.

ECUMENICAL Wednesday Noon Bible Study Thursday Men's Prayer Breakfast ROMAN CATHOLIC

MASS 0830-1130 Nursery, Chapel Annex 1 0815-1245 Daily except Saturday, 1135 Blessed Sacrament

CONFESSIONS 1115 to 1130 RELIGIOUS EDUCATION CLASSES Sunday Pre-school thru 11 th grade 1000 Above classes are held in the Chapel Annexes across from the former Center Restaurant. Sunday afternoon 12th grade

"Home" Discussion Groups and Youth Rallies Contact Chaplain's Office for specifics. JEWISH SERVICES

EAST WING - ALL FAITH CHAPEL Sabbath Services every Friday UNITARIANS CHAPEL ANNEX 95 Services-(Sept.-May)

Distance runners vie in marathon race at Bakersfield

Scotty Broyles, a computer specialist in the Public Works Department's Management Data Processing Office, led a group of Over-the Hill Track Club (OTHTC) runners to Bakersfield last Saturday to compete in both marathon (26.2 mile) and half-marathon (13.1 mile) events.

Broyles placed fourth in the 50 years of age and over age group as he was clocked at 88 min., 24 sec., in the half-marathon.

Dianne Lucas of Ridgecrest also was a fourth place award winner in the halfmarathon. Competing with women 30 years of age, she turned in a personal best time of

Many nationally ranked runners from throughout California were among nearly 1,000 runners who participated in the marathon and half-marathon runs staged by the Bakersfield Track Club. The foggy San Joaquin Valley weather was reported to be ideal for distance running.

Two OTHTC runners crossed the finish line in the marathon run in less than 3 hours. They were Tom Rindt (2 hrs., 48 min., 40 sec.) and Frank Freyne (2:52:57). This was 5 min. under Rindt's previous best effort in the marathon.

Other OTHTC runners who improved upon their performance in the marathon during the race in Bakersfield, and their times, are: James (Corky) Furnish, 3:02:27; Troy Fortin, 3:22; Neil Krenzel, 3:22:48; John Anderson, 3:23:57; and Jim Thomas, 3:25.

This was the first marathon run for the 51year-old Krenzel, who started out as a jogger just three years ago.

Mike Hartney led the OTHTC runners in the half-marathon run as he turned in a time of 81:06. Other local entrants and their times were Alexis Shlanta, 85:18; Dave Rugg, 87:43; and Leo Barglowski, 101:00. For their efforts, all were awarded natty blue "Bakersfield Marathon Runs" T-shirts by the sponsors of this event.

Mobile Homes team holds 13-game lead in Premier League

The Triangle Mobile Homes keglers fattened their Premier League lead to 13 games by rolling up a 3-game sweep over the cellar-dwelling Hustlers in Monday night's action at Hall Memorial Lanes.

The league leaders now have a season record of 53 wins and 16 losses, compared to the Buggy Bath and Fisher Plastering squads, which are tied for second place with identical records of 40-29.

High team game for the night was the 985 rolled by Fisher Plastering, while the Triangle Mobile Homes bowlers garnered high team series honors for the night with a total pin fall of 2,827. Jim Bowen was the outstanding individual

bowler as he posted a 672 series that included a high game of 259. Other Premier League bowlers over the 600 series mark were Roger Rivest (612), Warren Turnbaugh (606), and Walt Emde (601).

In addition to Bowen, two others had single game scores of more than 220. They were Ernie Lanterman (233), and Mark Barkemeyer (225).

Current standings in the Premier League

Team	Won	L
Triangle Mobile Homes	53	1
Buggy Bath	40	2
Fisher Plastering	40 *	2
Raytheon Sidewinders	36	3
The Place	35	3
Partlow Construction		3
Clancey's Claim Co	33	3
Hideaway		4
Elks Lodge	26	- 4
E.R.I. Hustlers	20	4

Tennis Club meets tonight

The annual meeting and party of the China Lake Tennis Club will be held tonight, starting at 7:30 at the American Legion Hall, 641 Inyokern Rd., Ridgecrest.

All members and prospective members of the tennis club are invited to attend.



tallied 14 for the BHS varsity squad. The Burros won the game 64-59.

We Party hoopsters nab lead Div. A of intramural league

sole possession of first place in Division A of the China Lake Intramural Basketball

Led by Buzz Gibbs and Tommy Flourney, who tallied 22 and 14 points, respectively, We Party rolled to a 75-46 win over Charlon & Simolon — a team previously locked with We Party in a tie for the Division A

The new division leaders made it look easy as they went from a 31-19 halftime lead to a 29-point margin of 75-46 at the final buzzer. Mike Waters scored 12 points in a losing effort for Charlon & Simolon

We Party also registered a 62-50 win last week at the expense of the Loewen's A quintet, which is dropping steadily in Division A standings. Steve Blanche and Millard Bell hit 17 and 15 points, respectively, for We Party, but the game's high point man was Andy Price of Loewen's A.

Having lost some of its earlier momentum, the Charlon & Simolon team dropped from a tie for first down to third place last week as the result of a 45-43 loss to Desert Lakes. Waters, of Charlon & Simolon was the game's high point man with 18, but his solo efforts weren't enough to keep pace with the Desert Lakes squad, which had two players - Terry Mangrum and Calvin Lowery - in the double-figure scoring column with 14 and 11. Desert Lakes led 26-20 at the half in this game.

The undefeated Loewen's B team lambasted the Panthers 70-26 last week in rolling to its eighth straight win. The Divsion B leaders scored more points (33) in the first half than the Panthers were able to put on the board in the entire game. Robert Cubit and Garyl Smith, with 17 and 14 points, led the scoring for Loewen's B, while Randy Smith tallied 13 for the Panthers.

In the only other Division B game played last week, the Firefighters picked up their

The We Party team last week took over first win of the season as they defeated the Zephyrs in a low scoring game by a final tally of 29-21. Bruce Cargal of the Firefighters was the game's high point man

> The eighth straight win of the season also was picked up last week by the CSC hoopsters, who have a hammerlock on first place in Division C of the Intramural League. CSC polished off the Pizza Villa Poochies by a score of 55-33. Dennis McKee was the top scorer for CSC with 17, but the game's high point man was Scott Smith, who tallied 20 for the Poochies.

Also last week, the Comarco Chickenhawks, who are in second place in Divison C, gouged the Gas Bags 28-24, and the Floor Burners smashed P & C's An-

Ralph Stalnaker scored 12 of his team's 28 points in the Chickenhawks' win over the Gas Bags. Dennis Edmonson (15) and Richard Dominguez (10) were the top scorers in the Floor Burners' win over the

China Lake Intramural

Basketball League

Standings as of Feb. 13: We Party Desert Lakes Charlon & Simolon Loewen's A **KMCC Piranhas** Division B F Troop Zephyrs Firefighters Division C Comarco Chickenhawks Floor Burners Gas Bags . Pizza Villa Poochies

Enrollment open in **Recreation Services** Dept. craft classes

Registration is now being taken at the Recreation Coordination Office or at the Craft Center operated by the Recreational Services Department for classes that have been scheduled in macrame, leather carving, and ceramics.

Classes will be held one day per week for a period of six weeks, and there is a registration fee of \$10 for active duty and retired military personnel and their dependents, and \$12 for civilians. Students are required to provide their own supplies. which can be purchased at the Craft Center or elsewhere.

All registration fees must be paid prior to the first session of each class, all of which will be held at the Craft Center. The schedule of classes is as follows:

Mrs. Sheri Noble will teach begining and advanced classes in macrame on Tuesdays from 6 to 8 p.m., starting Feb. 24.

A class in leather carving will be conducted by Joyce Johns on Wednesdays from 5:30 to 7 p.m., starting on Feb. 25. Carving tools are available at the Craft Center.

For those interested in ceramics, Terry Gaunt will be in charge of a class for beginners that is scheduled on Wednesdays from 5:30 to 7 p.m. starting on Feb. 25. Instruction will be given in the use of various glazes and some specialty techniques also

In addition, Gaunt will teach a class in advanced ceramics that will be held on Thursdays from 5:30 to 7 p.m., beginning Feb. 26. Helpful tips on air brushing and the use of special products will be given students interested in working on more elaborate ceramics projects.

Signup sessions for Ridgecrest Little Leaguers scheduled

Registration of boys and girls between 7 and 12 years of age who are interested in playing on a Ridgecrest Little League baseball team this season will be held tomorrow, from 10 a.m. to 2 p.m., at the Kerr McGee ballfield located on Downs St.. just south of Ridgecrest Blvd., in

Another signup session at the same time and place also will be held on Feb. 28.

Youngsters whose birthdates fall between Aug. 1, 1968, and July 31, 1973, are eligible to play Little League baseball. To participate in the Ridgecrest Little League they must live in an area south of Drummond Dr. or south of East Ridgecrest Blvd.

Prospective Little Leaguers must be accompanied to the signups by a parent or guardian, and must bring along legal proof of their age. Baptismal certificates are not

Player tryouts will be held on March 7 and 14, and the 1981 season will begin on April 25. The season will end before the Fourth of

Parents and guardians of Little League players are asked to donate \$25 for one player or \$35 per family to help support this youth sports program.

All-Navy player... (Continued from Page 6)

singled out to start as a guard for the Navy team by scoring 21 points, pilfering the ball four times from opposing players, and being credited with 10 scoring assists as the Navy cagers rolled to a 110-84 win.

The Navy hoopsters also took on and defeated Riley's Originals, a national AAU calibre team, by a score of 117 to 94.

The Navy reportedly has one of its best basketball teams in years, thanks to the presence of Kevin Sennett, a 6 ft., 8 in. center from the U.S. Naval Academy, who is expected to be a top professional basketball draft choice at the end of the current pro basketball season.

Energy conservation tip

Be sure the seals on the refrigerator door are tight. This keeps the cold in and the hot air out.

The latest recipient of the NWC Technical

Directors Award joined the ranks of Civil

Service employees when he came here to

work in the Electronic Warfare Department

in 1972. Assigned initially to the Standard

ARM program, he has been involved in the

Gahn has a BS degree in electrical

engineering that he received in 1951 from

Clarkson College in Potsdam, N.Y. His

background for the responsible position he

now holds includes 21 years in private in-

dustry - beginning with employment by the

Hazeltine Electronic Corp. in Long Island,

Subsequent to that, Gahn was employed

for three years by the General Electric

Corp. in Ithaca, N.Y., and for 12 years

preceding his move to China Lake was an

electronics engineer with General

HARM program since July 1977.

N.Y., from 1951-56.

nwc rocketeer **SPORTS**

VX-5 Vampires win Commander's Cup basketball event

VX-5 lengthened its first place lead in Commander's Cup athletic competition standings last week by defeating both NWC Gold and NWC Blue in basketball games played at the Center gym.

The VX-5 Vampires walloped NWC Gold 108-58 in the first of three Commander's Cup hoop tilts, and then polished off NWC Blue 72-48 in the third and final game. Sandwiched in between these two contests, NWC Blue outscored NWC Gold 70-61.

Current point standings in the Commander's Cup athletic competition show VX-5 in first place with 22 points, and NWC Blue and NWC Gold tied for second with 16 points each.

Millard Bell, a forward for VX-5, was the game's high point man with 25 in the Vampires' lopsided win over NWC Gold. He was joined in the double-figure scoring column by a teammate, Basil Robinson, a guard, and by Joseph Esparza, of NWC Gold. Both players tallied 16 points.

In the 40-minute game, VX-5 got off to a 46-23 first half lead and won by a final margin of 50 points over NWC Gold.

Bell also was VX-5's leading scorer and high point man in the game between NWC Blue and VX-5 as he looped in 20 points in the Vampires' 72-48 defeat of NWC Blue. Calvin Lowrey, of VX-5, chalked up 14 points, while the NWC Blue cagers were led by Derrick Graves, who hit 15.

Top rebounders for the Vampires in their Commander's Cup basketball wins were Tom Stone, Herb Rembert and Jesse Hewell. Other players who contributed to the Vampires' team effort in winning the basketball competition were John Smith, David Brown, and Raymond Deleonguerrero.

The NWC Blue hoopsters, who trailed 31-29 at the half in their game with NWC Gold. came up with a 41-point effort in the second half to nab second place in Commander's Cup basketball. Graves was the top scorer for NWC Blue with 27 points. Ken Dorrell led the NWC Gold squad with 16 points.

Local candidate for all-Navy hoop sauad doing well

Keith "Skip" McIntosh, a Navy enlisted of the NWC Aircraft Department's Aircraft Support Division, has been looking good during practice games held by a group of players who are candidates for the 1981 all-Navy basketball team.

According to information received from Bill Carey, coach of the all-Navy team, by Paul Backiewicz, athletic director at China Lake, McIntosh has made it through the initial player cut and seems assured of a place (for the second year in a row) on the all-Navy hoop squad.

A training camp to prepare the all-Navy team for taking part in an interservice basketball tournament coming up March 7 through 14 at the Army Presidio in San Francisco, is now being held at the Mare Island Navy Supply Center in Vallejo, Calif.

The original group of some 40 candidates for the all-Navy team has been cut to a the Burroughs High girls' varsity squad select 15 that includes McIntosh, who earned a starting role in practice games that were played recently, Backiewicz

In a game played by the Navy team McIntosh demonstrated why he has been game turned into a rout.

(Continued on Page 7)

BHS boys' team clinches 3rd Golden League title

ROCKETEER

Burroughs High School's boys' varsity basketball team, Golden League champions for the third year in a row, will play its regular season finale tonight at the BHS gym before advancing into CIF competition next Friday, Feb. 27.

The Burros will be trying to extend their league season record to 11 and 1 by defeating their perennial foes from Antelope Valley High School in Lancaster. Tip-off time is 8 p.m. for the varsity contest, which it did on Thursday night, Feb. 12, when the

will be preceded by a freshman game that Burros racked up their 10th league win by will get underway at 6:30.

Playing at full strength the Burros had their hands full in the Antelopes' gym on Jan. 23, where they escaped with a 2-point win (59-57) on a tip-in by Dalton Heyward in 21/2 minutes of play. with 2 sec. left to play in the game.

The Rebels settled down after that, however, and their accurate shooting An ankle injury to Heyward, the Burros' coupled with foul trouble on the part of the top scorer and rebounder, may keep him out Burros reduced the BHS lead to 12-10 at the of tonight's game against the Antelopes, as end of the first quarter.

REBELS GAIN MOMENTUM

defeating the Quartz Hill Rebels 64-59.

The visitors from Quartz Hill were nearly

run off the court at the start of their game

against the Burros, who got off to a 10-2 lead

In the opening moments of the second period of play, the momentum slipped to the Rebels, who tied the score and then built up a 4-point lead. The Burros then turned things around, after regaining the lead (26-24) with 2½ min. to play before halftime and outscored the Rebels 7-2 in a closing flurry before the halftime buzzer.

February 20, 1981

Accurate shooting by Curtis Edmonson, who tallied 10 points, and support by Scott Fulton, Heyward's replacement at center, and by Billy Brown, who had 7 and 6 points, respectively, helped to give the Burros a halftime lead of 33-26.

The BHS varsity also outgunned the Rebels in the third quarter, and succeeded in building up a 12-point lead of 50-38 that was cut to 52-42 just prior to the tip-off for the fourth period of play.

TIMELY FIELD GOALS

Timely field goals in the fourth quarter by John Robertson, starting forward for BHS varsity quintet, staved off a last ditch effort by the Rebels, who cut the BHS lead to 3 with just 10 sec. left in the final period of

Dale Killilea, a BHS reserve, was fouled in a scramble for the ball after that but couldn't sink a free throw. Robertson, who had his best scoring night of the season with 19, snagged the rebound and put the ball through the hoop for the final 2 points that gave the Burros a 64-59 victory over the stubborn Quartz Hill Rebels.

Curtis Edmonson and Billy Brown, with 14 points each, also made it into the double figure scoring column for Burroughs, while Greg McKee and Joe Pizzo led the Quartz Hill team with 18 and 11 points, respectively.

The Burros had an edge of 28-22 in field goal shooting, but the Rebels had the best of it at the charity stripe, where they chalked up 15 points compared to 8 for BHS.

Over-Hill Track Club to sponsor 8 mile run Saturday

The Over-the Hill Track Club (OTHTC) will sponsor its seventh annual George Washington's birthday 8-mile run on Saturday.

It will begin at the Desert Empire Fairgrounds in Ridgecrest, and the course will cover two 4-mile loops on well-marked, flat, paved roads.

Registration of runners will start at 9 a.m. tomorrow at the fairgrounds, and the race will begin at 10 o'clock. Entry fees are \$2 per individual or \$5 for all members of a single

Once again, the popular Portsmouth start system will be used. All entrants will be assigned a handicap time, and the joggers will lead off this event, followed by the faster runners as much as a half-hour later.

This OTHTC event is one of the few Portsmouth start races held in southern California, and runners from throughout the Southland are expected to be among a large field of entrants. Each runner will be asked to fill out self-rating forms prior to the start of the race to aid in the handicapping

Frank Freyne, a member of the OTHTC. is serving as the director of this event. At stake will be 10 handicap awards, 5 husband and wife team awards, and fast time awards that will be presented to the 7 fastest men. and the 3 fastest women runners competing

after working hours by calling Freyne at



LONG SERVICE HONORED - Robert H. Bracken, who was head of the Computer Services Branch in the Computer Sciences Division of the Research Department prior to his retirement last month, received the Commander's Award for Excellence in Mission Support from Capt. William B. Haff, NWC Commander, on Friday, Feb. 13. Bracken was singled out for his efforts for more than two decades to make available computing systems for processing increasing amounts of data, and for his contributions in the development of new computer software.

Gahn receives TD Award . .

(.Continued from Page 1)

from other government activities such as the Naval Air Systems Command, the Air Force Test and Evaluation Command, and the Pacific Missile Test Center at Point

According to Nadim Totah, former head of the HARM/Standard ARM Technical Management Office, who nominated Gahn for the Technical Director Award, the honoree took the personal responsibility to see these problems through to solution in a way that made most efficient use of the time, personnel, equipment and funds available. He frequently devoted evening and weekend hours to getting things ready for an upcoming flight test.

TEST PROGRAM SUCCESSFUL

As a result of Gahn's diligence, Totah wrote, the Phase II HARM flight test program was successful. Most of the missile launches were successful, but a small number failed due to undetected fabrication quality control problems at the missile contractor's plant.

Concurrently with the Phase II flight test program, Gahn has, over the past year, done the planning for the next phase of HARM flight testing which includes Navy test and evaluation, and initial test and evaluation by the Air Force.

While employed by General Dynamics, he worked on the Standard, Tartar and Terrier missiles, and also on Standard ARM. Fun filled events planned on Armed Forces Day, May 9

Dynamics in Pomona, Calif.

The Naval Weapons Center's celebration of Armed Forces Day on May 9 this year will be a day of fun and recreation for the Center's personnel and their families.

Planned is a family field day with "athletic" events designed to be as much fun for spectators as participants. "Dignity will be in danger," says Vet Payne, chairman of the Armed Forces Day Committee, "but we guarantee that everybody will enjoy themselves."

Most of the activities will take place in the area of the Little League diamonds between Bennington Plaza and Murray Junior High

Also planned are static displays of aircraft, exhibits of Center projects and ac-

Anyone who has suggestions for field day activities - anything from a tug-ofwar over a mud pit on-is asked to telephone the Public Affairs Office, NWC ext. 3511, to pass on ideas to the Armed Forces Day Committee.

portunity and this privilege to serve our tivities that are of general interest, and country with your magnificent leaders, showing of films at the Center theater. Admiral Thomas B. Hayward and Robert H.

The members of this year's Armed Forced Day Committee include Master Chief Jerry Cook; Major Bill Vacca, U.S.M.C.; Bob Huey, head of the Recreation Division in the Recreational Services Department; Denny Kline, Program Coordinator; Ens. Ken Dorrell, Facilities Planning Officer, Public Works Department; Cdr. Bud Biery, VX-5; LCdr. Byron Dieckman, Aircraft Department; Loretta King, Public Affairs staff; and Mickey Strang, ROCKETEER.

SECNAV John F. Lehman, Jr., outlines priorities

A message outlining priorities he has set time in many years, we have the President, in carrying out his responsibilities as the Congress and the American people in Secretary of the Navy under the Reagan agreement on the broad issues of defense Administration was sent recently to all and foreign policy, and of the vital im-Navy and Marine Corps activities by John portance of the Navy and Marine Corps F. Lehman, Jr., successor to Edward within that national strategy. Furthermore.

Prior to being selected by President national security demands maritime Ronald Reagan to serve as Secretary of the superiority and nothing less. Navy, Lehman was president of a Washington, D.C.-based management firm which I base my views: First, it is a harsh that specialized in defense matters. He is a world; to ensure peace, we must be inlieutenant commander and a naval flight vincible in war. officer in the Naval Reserve.

timately in defense affairs since the late

From 1969 to 1977 he was successively -our equipmen senior staff member to Dr. Henry Kissinger of the U.S. Arms Control and Disarmament

Since 1977, he has also served as Chairman of the Republican National Committee's Defense Advisory Committee and, most recently, as a member of the Reagan Defense and Foreign Policy Task Force.

The message conveying the priorities the new Secretary of the Navy has assigned to the job that lies before him reads as follows:

"It is with a sense of great challenge and opportunity that I assume my new responsibilities as Secretary of the Navy. We, as a nation, are beginning a dedicated effort to restore American confidence, purpose and strength, and to reestablish a stable basis for peace.

"Knowing that our nation's best guarantee of peace is the strength and readiness resulting from your professional competence and dedication, I regard it as an honor to be associated with you - the men and women, uniformed and civilian, of the Navy and Marine Corps.

"This historic opportunity is made possible because of what I believe is the emergence of a strong bi-partisan consensus on national security. For the first



priorities: First will be restoration of the prestige, compensation and livability of our Navy and Marine Corps personnel: second will be establishment and management of a shipbuilding and modernization program to regain maritime superiority; third will be reform of the research, development and procurement cycle for parts, weapons and aircraft that will greatly shorten the time from concept to Fleet delivery. "In the coming months, I shall be working with the uniformed leadership, the

Secretary of Defense and Congress to en-

sure that our efforts in personnel, in

readiness, in research and development and

in procurement are brought into conformity

"I welcome with enthusiasm this op-

Barrow, USMC, and with all of you who

comprise the finest naval force in the

Consider radial tires. They can mean

from 3 to 5 percent improvement in gas

mileage in the city, 7 percent on the high-

way, and 10 percent at 55 miles per hour

after the tires are warmed up for 20

minutes. And they last longer, too. Never

mix radials with conventional tires.

Energy conservation tip

with one essential principal - maritime

"There are fundamental truths upon 'Second, the purpose of defense is

it must be clearly understood that our

The new Secretary of the Navy was deterrence - persuading another that educated at St. Joseph's College, at Cam- action against us or our friends and allies bridge University, and has a Ph.D. in in- will bring him more harm than gain. ternational relations from the University of Therefore, while at peace, the Navy and Pennsylvania. He has been involved in- Marine Corps operate on more of a wartime footing that many Americans realize, imposing heavy demands on our people and

"I am keenly aware of many of the difon the National Security Council, a delegate ficulties and problems we must face today to the Mutual Balanced Force Reduction and in the months and years ahead, and I negotiations in Vienna, and Deputy Director will be working closely with the CNO and the Marine Corps Commandant to develop and implement long-term, effective solutions during my tenure.

"In that regard, I have set the following



BANQUET SPEAKER — Helena Lewis will be the featured speaker at tonight's Black History Week banquet, which will be held at the Enlisted Mess starting with a social hour at 6:30. Mrs. Lewis, the Deputy Equal Employment Officer in the Office of the Commandant of the U.S. Marine Corps, will present a talk entitled "Blacks in the Federal Government." Earlier today she was the speaker during a Black History Week seminar held in the Community Center at which she discussed the "Problems and Goals of Women in the Federal Government."

Special Act Awards given to over 50 Demo Project trainers

contributions as trainers involved in the Civil Service Reform Act Demonstration Project were presented last Friday to more than 50 Naval Weapons Center employees.

The presentations, which included a Special Act certificate, a written commendation, and a monetary stipend, were presented by Bob Hillyer, NWC Technical Director, as a means of showing Center management's appreciation for the efforts of the Demonstration Project trainers.

Those singled out for this honor, and their

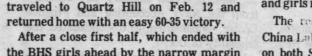
Nancy Cleland, Code 091; Donnie Woods, June Owens, Beth Perrine, Mary Ann Gallagher, Clara Erickson, Lynn Lacey and Terry Mitchell, Code 094; Patricia Sprankle, Mario Monsalve, Frank Grob, Ann Kurotori, Naomi Mulhern, Ken Marcus, Ed Rockdale and Dan Burnett, Code 096.

Jack Murray, Yvonne Williams, Jerry Stein, Don Summer, Melissa Dukes and Lea

Special Act Awards recognizing their Reusche, Code 097; Miriam Cartwright, Code 12; Richard Malone, Code 2635; James Knepshield, Code 3103; William Ball, Code 311; Brad Rover, Code 3111; John Hovem, Code 31401; William Capps, Code 3181; Jeff Grossman, Code 3194; Richard Printy, Code 325; Martha Wagenhals, Code 3261; Mary Bunch, Code 3263; Paul Escallier, Code

Kenneth LaBaw, Code 331; John Smith, Code 333; Stephen Redmon, Code 335; Liz Babcock, Code 3411; Robert Atkinson, Code 35201; Richard Hughes, Code 3541; Gregory Cote, Code 3542; Michael Jacobson, Code 3636; William Werback, Code 3665; Charles Fredrickson, Code 36801; Roger Grenier, Code 3682; Roger Peck, Code 381; Robert Kubin, Code 3852; Thom Boggs, Code 3882; Paul Homer, Code 391; Alex Shlanta, Code

Bernard Wenzl, Code 3924; Don Cooper, Code 3944; Stuart Fields, Code 6221; Don Scofield, Code 6241; Lane Mead, Code 6411; and Gil Plain, a retired NWC employee.



the BHS girls ahead by the narrow margin of 25-23, the local team's depth and overall against the Cal-State Hayward hoopsters, strength paid off, and what had been a close

The issue will be settled tonight at the An-

telope Valley High School gym in Lancaster.

where the Burroughs High School girls'

varsity quintet will clash in a rematch with

Tip-off time is 8 p.m. for the varsity tilt,

In order to clinch an undisputed claim to

play their first CIF playoff game on their

home court, the BHS girls' varsity hoop-

sters, coached by Marla McBride, will have

to defeat the Antelopes, who are the only

league team to outscore them this season.

This loss, by a score of 48-43, was meted out

to the Burros' girls on Jan. 23 in the BHS

In final preparation for the title decider,

the league title and thereby earn the right to

which will be preceded by a frosh/soph

the Antelopettes.

game starting at 6:30

The third quarter scoring burst for the

at AV to capture league crown It's come down to the last day of the Burros was led by Patty Minnis, who tallied regular season to decide which of the girls' 10 of her 14 points for the game in the third varsity basketball teams in the Golden period. Brenda Macomber also scored 14 who played well at the start of the game before getting into foul trouble, ended up with a total of 11 points.

UP AND OVER - Randy Sunday (No. 12) is a fraction of a second late as he at-

tempts to block a shot at the basket by Basil Robinson, a guard for the VX-5

Vampires, in the Commander's Cup basketball game between VX-5 and NWC

Blue. Clustered under the hoop waiting for chance to snag a rebound are (1.-r.)

Jesse Hewell, of VX-5, and Derrick Graves and Kent Daniels, both of NWC Blue.

The VX-5 Vampires, winners in Commander's Cup basketball, outscored NWC

Burros' girls need win tonight

Fouls also were a problem for the Quartz Hill girls, who lost a couple of their starters via the foul route in the second half, and the BHS team was able to capitalize on this.

Tracey Saylor, at center, was the leading scorer for the Quartz Hill Rebels with 10.

Pony League baseball signup dates announced

All boys and girls age 13 and 14 who are interested in playing baseball this spring with the Pony League will need to register and try out on Saturday, Feb. 28, or Saturday, March 7.

Cost for the season's play is \$28 for one player, or a total of \$35 for two or more boys and girls in the same family.

The registration will take place at the China Lake Pony League diamond at 9 a.m. on both Saturdays. Season play begins on Colt League players may also register on

Additional information can be obtained the same two mornings, but Colt League tryouts will be scheduled later this spring.

Results of Incentive Awards Program reported

centive Awards Program for the period from Oct. 1, 1979 through Sept. 30, 1980, were made available recently by the NWC Personnel Department.

The various categories of awards covered in this report are Beneficial Suggestions, inventions, Special Act or Service Awards, Sustained Superior Performance and Outstanding Performance Awards.

A total of 27 Beneficial Suggestions were adopted that resulted in estimated tangible savings of \$26,779 during the first year of their use. Center employees received \$3,064 for their Beneficial Suggestions.

In the field of inventions, a total of 124 patents were granted during the past fiscal year to employees whose ingenuity netted them \$29,750 in awards, while \$98,136 was divided among the 166 recipients of Special Act or Service Awards.

Additionally, 349 employees who were presented Sustained Superior Performance Awards pocketed \$196,410 for their exceptional efforts.

The various awards presented, and the names of the recipients (listed by department) are as follows:

BENEFICIAL SUGGESTIONS FINANCE AND MANAGEMENT - Toska M. Courbron. WEAPONS PLANNING GROUP - Robert C. Hanks. SUPPLY - William D. Pettey, and Anna E. George.

PUBLIC WORKS - Joseph N. Segler, Paul E. Nelson, Francis J. Youso, Ronald E. Britz, Eugene E. Best, Frank L. Portillo, Robert A. Nelson, Mark A. Rosenthal, Eliseo A. Arellano, Jon K. Miller, Ebb J. Montgomery, and Carolyn

SYSTEMS DEVELOPMENT — Jerome L. Zaharias and ORDNANCE SYSTEMS - Lawrence F. Lesniak and

Clifford O. Shaw. FUZE AND SENSORS - Shirley A. O'Malley. ENGINEERING - Ralph D. Collins, Martha A. Weber,

Robert A. Leak, and John B. Burmelster. RESEARCH — Therese Atienza-Moore and Donald W.

WEAPONS - Deborah L. Kenney and William T.

SUPERIOR ACHIEVEMENTS

INVENTIONS SYSTEMS DEVELOPMENT - William H. Hickle, Larry L. Liedtke, Gary L. Peterson, Robert T. Ferguson, Jr., James C. Rudeen, Steven E. Ayler, Bruce C. Bartels, John W. Holtrop, Goro Fujiwara, Keith L. Gardner, Lloyd J. Holt, Clayton E. Panlaqui, Henry P. Leet, Russell Pierce, and Edward A. Teppo.

ORDNANCE SYSTEMS - Michael R. Osburn, James Alva Bowen, Charles Falterman, Larry H. Josephson, Steven E. Ayler, John W. Holtrop, William L. Black, Robert A. Gould, Stanley E. Wood, John E. Bush, David B. Fenneman, Ronald E. Smith, Raymond M. Price, John S. Ward, Milton K. Burford, Michael A. Halling, Joseph Mattis, Ken Pinkerton, Bertram O. Stull, Russell Reed, Jr., Edward Allen, Clifford O. Shaw, Kenneth L. Moore, Melvin J. McCubbin, Paul A. Miles, James A. Weeks, Jack Bates, Gary Peterson, Wallace E. Silver, Scott M. O'Nell, Howard H. Payne, George W. Burdette, Moyle L. Braithwaite, Dennis Vories, Lloyd J. Holt, Horace D. Stanton, and

FUZE AND SENSORS - David J. H. Richter, Wallis L. Teeter, Steven E. Fowler, Roy L. Nichols, James V. Movay, Patrick A. Yates, Lloyd E. Kinsey, Gregory C. Roush, Cecil K. Bullock, Robert T. Hintz, Joe A. McKenzie, Gerald W. Chalmers, Robert Durrell, Joseph E. Hibbs Walter C. Smith, George N. Hennings, Stephen L. Red-mond, Richard M. Swenson, James G. Janson, James E. Means, Larry F. Brauer, Jefferson O. Eaton, Anthony San Miguel, Jim R. Denney, Howard M. Forrester, Wilbur O. Lunt, Myron L. Iverson, Kenneth B. LaBaw, Gary Lowe, Matthew E. Anderson, Jack T. Waller, Jr., and Rodney H.

ELECTRONIC WARFARE - Robert G. Corzine, Reuben E. Nyswander, Frederick C. Alpers, Robert E.

ENGINEERING - Edward V. Kehiaian. RESEARCH - Donald L. Decker, Paul A. Temple, Richard S. Hughes, Norman Lungstrom, Russell Reed, Jr., Dan Bliss, Aaron N. Fletcher, Charles D. Stanifer, Karl J. Kraeutle, Arnold Adjcoff, Eugene C. Martin, Kenneth . Moore, Martin H. Kaufman, Carl A. Heller, Jr., Warren Murbach, John M. Elson, Melvin H. Miles, Ronald L. Atkins, Arnold T. Nielsen, William P. Norris, Robert F. Cram, Albert H. Lepie, Herbert P. Richter, Marvin E. Backman, Stephen A. Finnegan, John K. Pringle, Robert G. S. Sewell, Nicholas Bottka, Marian E. Hills, Dwight A. Fine, Ronald A. Ferrante, Ronald A. Henry, Richard S. Hughes, John L. Eisel, Jack L. Prentice, Joseph J. Shaffer, Benjamin Y. S. Lee, Everett Bens, Melvin P. Nadler, May L. Chan, Horace D. Stanton, Peter R. Hammond, and James L. Jernigan.

WEAPONS - Charles Dittman, Richard C. St. Clair, Donald G. Quist, Herbert L. Ball, Jr., John Boyle, Gaylon West, Gaylord D. Powers. Markam F. Stenger, Alan D. Woodson, Jon H. Bumgardner, Edwin M. Allen, Henry F. Blazek, William C. Fitzgerald, George H. Turner, William O. Alltop, Roland G. Stoutmeyer, Samuel A. Miller, Stanley T. Smith, Richard A. Gould, and Randolph D.

PARACHUTE SYSTEMS — Gene R. Drew and Jon T.

SPECIAL ACTS OR SERVICE AWARDS FINANCE AND MANAGEMENT — Peggy A. Ptacnik, Electa G. Huston, Joan E. Crista, Ralph O. Disch, II. Margaret G. Dougan, Lahoma I. Haug, Dixle H. Ikenoyama, Joy A. Vanburen, Memory J. Walters. Margaret L. Yeager, Dorothy R. Allen, Ella M. Foust, and

PERSONNEL - Kitty G. Berry, Claire A. Boyd, Daniel G. Burnett, Nicholas C. Curran, Kenneth H. Marcus,

Stanton, Janet B. Thomas, Linda J. Bego, Sue E. Cross, Aelissa J. Dukes, Patricia A. Gaunt, Ann K. Kurotori, Linda L. Long, Mary M. Morrison, Jack H. Murray, Alice A. Pastorius, Gerald R. Stein, Donald R. Summer, Yvonne . Williams, Karen C. Altieri, Roy L. Nichols, and Thomas

WEAPONS PLANNING - Terry B. Haven, George S. Handler, Linda A. Roush, Leonard T. Lesniak, Donald E. SECURITY — Peggy J. Flagg. SUPPLY — Michael J. Duwell, Leo J. Fitz, Keith L.

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Lillie M. Michau, Peggy A. Robison, Walter O. Schi Cynthia I. Schoenhals, and Nancy L. Woodward. PERSONNEL - Richard M. Johnson.

WEAPONS PLANNING - Virginia I. Pearia. MILITARY ADMINISTRATION - Virginia L. Anderson and Barbara J. Davies.

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SUPPLY - Michael M. Chitwood, Walter B. Manson, and Cheryl A. Villalba. PUBLIC WORKS - Artie C. Blackston, John B.

Cleveland, Carla S. Gerrard, and Jack A. Richards. SYSTEMS DEVELOPMENT — Daniel C. Allen, William O. Alltop, William F. Ball, Robert L. Beyer, Penny L. Bott, Carl E. Burkey, Jr., Woodrow D. J. Chartier, Alvin L. Cleland, Paul R. Decker, Delmar A. Dobberpuhl, Dean-W. Elliott, Robert T. Ferguson, Jr., John S. Fontenot, Jenny E. Fouse, Ray N. Francis, Robert J. Freedman, Carol A Gillespie, Ronald W. Going, Kenneth W. Grant, Jeffrey D. rossman, David H. Hall, Georgia L. Hall, Charles H. Hill Richard D. Johnson, Charles A. Jones, Ronald D. Lane, Joe F. Law, George D. Mason, Linda L. Miller, Shirley F Moncsko, Dennis M. Moore, Terry M. Moore, Craig W Post, Sandra A. Pryor, George B. Royer, Dorothy L. Saitz, Nicholas J. Schneider, Linda L. Shelton, Ann Soto, Francis L. Thomson, Donald E. Watke, John C. Weaver, Theresa A Wiruth, Mary E. Wyatt, and Robert A. Young.

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TECHNICAL INFORMATION— Elizabeth Babcock, Alma M. Barber, Nancy J. Brown, Tina A. Brown, Russell F. Bushnell, Georgia M. Cabe, and Helen C. Cornett.

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AIRCRAFT - Gary B. Bailey, Clifford W. Degraw Jimmy D. McDaniel, Harlan E. Reep, and Diane K.

Caesar J. Dipol, and Tommy E. Doyel.



GOOD WORK - G. R. Schiefer (at right), head of the Electronic Warfare Department, congratulates Frederick C. Alpers after presenting him with a patent award for his work on the development of a high resolution microwave seeker for use in missile guidance against ships or permanent land targets. Alpers is an advanced systems consultant in the RF. Development Division of Code 35.

Bluejacket of Year banquet slated on Saturday, March 7

February 20, 1981

The winner of the Bluejacket of the Year competition sponsored by the Indian Wells Valley Council of the Navy League will be announced at the annual banquet scheduled for Saturday, March 7, at the Enlisted Mess.

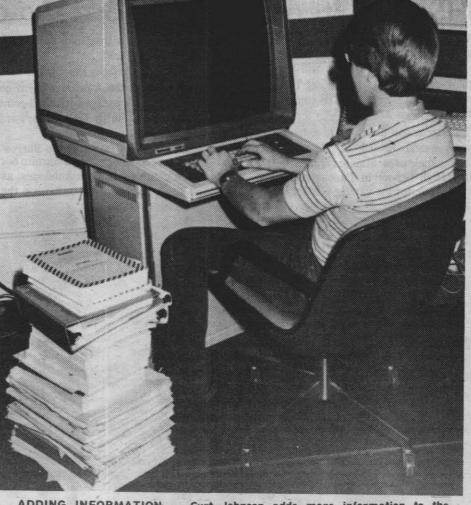
Special guests will be four Blueiackets of the Quarter selected by the Naval Weapons Center and four selected by Air Test and Evaluation Squadron Five (VX-5), and their spouses or dates.

Representing the Naval Weapons Center are AQ1 Larry Woeller, AT1 Richard Oubre, AZ2 Billi A. Taylor, and AT2 Robert C. Ross. Selectees from VX-5 are AD3 Armand Rosenthal, AMH2 Donald A. Boyle, YN2 Kimberly A. Ryder, and AMH2 Mario Mercado.

Everyone in the community is invited to attend the dinner honoring the top local bluejackets; last year's dinner was attended by more than 250 people.

Reservations must be made by March 1 by telephoning Loren Kinne, 446-5541; Tom Andress, Jr., 446-5763 or 446-5914; or Mary or Al Alvarado, 375-1996 or 375-9221. Tickets are \$8 per person, and must be paid for in advance by mailing a check to the Navy League, P.O. Box 1297, Ridgecrest, CA

A social hour at 6:30 p.m. will precede a buffet dinner featuring baron of beef and turkey, which begins at 7:30.



ROCKETEER

ADDING INFORMATION — Curt Johnson adds more information to the database in WEPTAC's computer. The pile of documents beside him contain only some of the material that the computer uses in wargaming sessions.

Computer helps evaluate war game tactics...

(Continued from Page 1)

that send information to each player; force movement module that keeps track of force locations; a detection assessment module that determines effects of player actions; an engagement assessment module that calculates results of interchange of weapons; and a history extraction module that permits replay of a previous game from

any point. The computer library at WEPTAC contains a permanent file on both United States and potential enemy systems. The file includes information on characteristics of systems, weapons, and sensors for today and several time periods in the future. New

Class in Managerial Accounting offered at Training Center

A week-long course in Managerial Accounting for the NWC Technical Manager will be offered March 23 through 27 from 8 to 11:30 a.m. at the Training Center.

This course, taught by personnel from the Office of Finance and Management, will consist of lectures, discussions, workshops, and outside reading assignments covering the management analysis cycle. Participants will work on a segment of a major case study each day, using material presented that day.

Topics to be covered include the role of management analysis, the various phases of a management analysis study, scheduling techniques, and an introduction to applicable quantitative technquees.

The study program will carry the participant-analysts from the proposal for a management study to the follow-up report and an evaluation of the action taken.

Employees interested in enrolling in this course must submit a training request and authorization form via department channels in time for it to reach Code 094 by March 3. TEL-MED TAPE OF WEEK

The smoker who is having trouble quitting might get some help by calling Tel-Med, 446-3541, and asking to hear any of several tapes. No. 699, for instance, deals with "Gimmicks to Help You Quit Smoking," and No. 693 provides information on "Weight Control While Quitting Smoking."

Other tapes dealing with smoking include No. 21, "Cigarettes and Heart Disease;" No. 694, "Why a Woman Should Quit Smoking;" and No. 695, "Reducing the Risks of Smoking."

programmed into the computer, making it possible to evaluate the effect of a new weapon or system before it is built (a particularly worthwhile use for a research and development establishment like the Naval Weapons Center).

The software and hardware are both designed so that players not accustomed to computers can quickly learn to set up and play war games. Weapons Planning Group professionals operate WEPTAC full time; they have had years of experience in war gaming, intelligence work and threat analysis, and are able to help research and development personnel or military personnel put their weapons or tactics problems into gaming form to obtain meaningful answers to their problems.

TYPICAL WAR GAME

A typical game involves Red and Blue forces and an umpire. The playing situation has three members: a military "commander" who makes the tactical decisions for all the forces under the station's control, an operator who relays command decisions to the computer, and a monitor who maintains status logs to relay important events to the other players.

Each station has complete control and knowledge of the forces under it, but each direct information passed by players on the same team, or intelligence information from the umpire. Only the umpire has complete knowledge of force dispositions and maneuvers; the umpire may give additional information (external intelligence) to either team if the situation warrants.

Before the game begins, WEPTAC operators set up a scenario - a specific battle situation - around which each team plans its tactics. Each team commander receives a threat assessment of the opponent's force structure and information about where the engagement is apt to take place. The teams then arrange their forces, decide how they plan to use weapons and sensors, and determine their overall

During the game the computer calculates the results of interactions between the Red and Blue forces on the basis of information in its library on the characteristics of the systems, weapons and sensors of both

weapon and sensor systems can easily be teams. Calculated results include when, where, and by whom detection takes place, what the hit probability is of particular weapons launched in a certain configuration, and whether a unit is killed or only damaged by a hit.

> When the game is completed, the scenario can be repeated, changing only tactics or weapon characteristics or the composition of either side's forces to evaluate the effect of such a difference. The Blue force, usually representing the United States, is more often varied to test weapon system concepts and tactics against a fairly constant Red

The versatile capabilities of this powerful analysis tool make it of growing importance to both the Naval Weapons Center and the

NWC Affirmative Action Plans are subject of workshop

A workshop on the development and understanding of NWC Affirmative Action Plans has been scheduled on March 17 from 7:30 to 11:30 a.m. at the Training Center. It will be conducted by an Equal Employment Opportunity trainer.

NWC programs to meet requirements of m's knowledge of the other is limited to the Federal Equal Opportunity Program, general intelligence information obtained the Uniform Guidelines on employment from its own sensors (such as radar), in- selection procedures, and Affirmative Action for the Handicapped will be discussed.

Employees interested in attending this workshop must submit a training request and authorization form through department channels in time for it to reach Code 094 no later than March 3

BAQ for E7 and above is backdated to Oct. 1, 1980

Basic Allowance for Quarters (BAQ) for E-7 and above, including officers, without dependents has been backdated to Oct. 1,

Military personnel who elect to receive BAQ in lieu of government quarters initially became eligible for the BAQ option on Dec. 23, 1980. A recent military pay advisory from the Navy Accounting and Finance Center, Washington, D.C., backdated the eligibility to Oct. 1.

More information may be obtained from disbursing offices and Military Pay Advisory 17/81.

Police

reports . . .

A grand theft incident involving the disappearance of two chain saws was reported last Friday morning to China Lake police by the foreman of the Public Works Department's Electric Shop.

The power saws, valued at \$175 each, are believed to have been taken sometime between Feb. 9 and 12. The resident officer of the Naval Investigative Service is hanidling the follow-up investigation of this

PARTY BRINGS OUT POLICE

The tenant of a residence in the Old Duplex area at China Lake will be cited to the East Kern Municipal Court in the aftermath of a party that took place last Saturday night.

In response to a call about the revelry, police paid a visit and allegedly found that alcoholic beverages were being served to youths between 18 and 20 years of age. The person responsible is being charged with contributing to the delinquency of minors.

CHILD ABUSE CASE

A complaint charging a couple with child abuse and child neglect has been filed in the East Kern Municpal Court following investigation by police of screams heard by neighbors late Sunday night at a residence in the Capehart B housing area.

Four children ranging in age from 7 months to 7 years of age were removed temporarily to the home of an uncle until juvenile authorities can determine what is to be done.

MALICIOUS MISCHIEF

An incident of malicious mischief was reported Monday afternoon by the occupant of a residence in the 100 block of Ellis St., who found that the lock on a storage shed door had been coated with spray paint. The paint hardened, making it impossible to operate the lock.

SAFE BURGLARY

Burglary of a safe at the Recreation Coordination Office, located in Bennington Plaza, was reported Tuesday morning to China Lake police.

The incident is believed to have taken place over the long holiday weekend, and two \$10 bills are missing. There was no evidence of forced entry.

ATTEMPTED THEFT

Police were called Tuesday afternoon to investigate the attempted theft of a radio from a government truck left parked near old Barracks 880 on King Avenue. Bolts had been removed and some wires were loosened before the would-be thief either gave up or was scared off.

Assessment due from GEBA, CLMAS members

Assessments are now due from members of the Government Employees Benefit Association and the China Lake Mutual Aid Society following the recent death of Burnell Proehl. This is assessment No. 537.

The deceased, a former Storage Branch supervisor in the Supply Department, died on Feb. 15, at the Veterans Hospital in Long Beach, Calif.

The collection of assessments is being handled by Larry Mason, GEBA and CLMAS treasurer. They can be mailed to him at P.O. Box 1559, Ridgecrest, 93555.

NWC employees interested in joining can obtain information on GEBA and CLMAS membership by calling Mason after working hours at 446-4794.

Got an opinion? Share it with rest of Center

Do you have an opinion about something? Feel about it strongly enough to share it with others? If so, why not write about 750 words for the ROCKETEER'S "It's My Turn ... " feature? (No politics, however, please.)

If you have any questions about the feature or the format or potential subject matter, please call the ROCKETEER office, NWC ext. 3354.