

Varied musical program by BHS band slated Tues.

A concert featuring the Burroughs High School band in a program ranging from ragtime to symphonic selections will be presented on Tuesday, starting at 7:30 p.m., in the Burroughs lecture center.

Money raised by donations of \$1 per person for admission will go into the band fund for the benefit of the local high school's music program.

The BHS band, directed by Don Wilkinson, will present a program that will include "Overture in B Flat," "Symphonic Overture," and "Essay for Band," highlights from "The Unsinkable Molly Brown," and a ragtime medley which combines "Tie a Yellow Ribbon," "Say Has Anyone Seen My Gypsy Rose?" and "Who's in the Strawberry Patch With Sally?"

On Saturday, March 19, the Burroughs High concert band is slated to perform with a number of other desert area high school bands at the Antelope Valley Music Festival.

Final performances of 'Fantastics' set by China Lake Players

The final two performances of the China Lake Players production of "The Fantastics," directed by Pat Schwarzbach, will be presented tonight and tomorrow night, beginning at 8:15, in the Players' hut at 405 McIntire St.

This is the only musical to be performed by the Players in more than 20 years, and is the first to be performed at the drama group's renovated hut.

It concerns two children, Luisa (Karen Karner) and Matt (David Penrose), who believe their families are engaged in a feud similar to that of the Montagues and Capulets in Shakespeare's play, "Romeo and Juliet."

But there is no feud. The children's fathers, (played by Randy and LeRoy Carson) made it up hoping it would cause their offspring to fall in love.

This they do, assisted by El Gallo (Alan Kubik), the Mute (Karen Buehler), and two ham actors, Henry (Len Finney) and Mortimer (Mike Hastings). The actors are hired by El Gallo to kidnap Luisa so Matt can "rescue" her and the "feud" can end.

Musical accompaniment for the play is provided by pianist Sue Fisher and Jerry Reed on the drums.

Tickets, priced at \$2.50 for general admission and \$1.50 for students 21 years of age and under, enlisted military and senior citizens, can be obtained from members of the cast or reserved by calling Rosalie Barber at 375-9470.



INQUISITIVE—Curtis Barker, as Algernon Moncrieff, just can't help wondering what Cecily (Donna Savage) is writing in her diary during rehearsals for the Cerro Coso Community College drama production of Oscar Wilde's "The Importance of Being Earnest." This 19th century drawing room comedy will be presented tonight and tomorrow, and again on March 18 and 19 at the college lecture hall at 8:15 p.m. Tickets, priced at \$2.50 for the general public and \$1.25 for senior citizens and holders of student body cards, are available at the college business office, the Gift Mart in Ridgecrest and the Station Pharmacy at China Lake. They will also be on sale at the box office on the night of each performance.

'Romeo and Juliet' to be presented at Burroughs lecture center Monday

"Romeo and Juliet," William Shakespeare's immortal tragedy of star-crossed lovers, will be presented by the National Shakespeare Company at 8 p.m. on Monday at the Burroughs High School lecture center.

Tickets for this production, sponsored by

Cerro Coso Community College as part of its community services program, are priced at \$2.50 for all seats. They are available at the college business office, the Gift Mart in Ridgecrest and the Station Pharmacy at China Lake. They will also be on sale at the lecture center box office on the evening of March 14.

The National Shakespeare Company, a New York State non-profit organization founded in 1963, has performed for audiences of 250,000 each season in colleges, universities and high schools across the nation. Each season's nine month trek takes the company from New York to California, with three plays in its repertoire.

According to the company's artist director, Philip Meister, "In staging Shakespeare, we start with the premise that the audience must understand the play they're seeing. The Elizabethan language sometimes poses a language barrier, but we can compensate for that by the stage action. We insist on playing our Shakespeare straight."

"Our primary purpose," added Meister — who also serves as a director of the company's current productions — "is to bring the beauty and truth of Shakespeare to young people who otherwise would never see his plays done professionally, and to give American actors an opportunity to perform the classics."

The company's experienced cast for this production includes Nancy Hammill, as Juliet; Kim Traeger, as Romeo; Samuel Green as Friar John; Marc Weishaus as Capulet, Alison Edwards as Lady Capulet, and Kirk Wolfinger, as both Montague and Mercutio.

SHOWBOAT

MOVIE RATINGS

The objective of the ratings is to inform parents about the suitability of movie content for viewing by their children.

- (G) - ALL AGES ADMITTED
General Audiences
 - (PG) - ALL AGES ADMITTED
Parental Guidance Suggested
 - (R) - RESTRICTED
Under 17 requires accompanying Parent or Adult Guardian
 - CS - Cinemascope
 - STD - Standard Movie Screen
 - Regular starting time—7:30 p.m.
- Program subject to change without notice — please check marquee.

FRI. 11 MARCH

"BURNT OFFERINGS" (116 Min.)

Karen Black, Bette Davis
(Drama) Karen Black persuades husband Oliver Reed to rent an old mansion for the summer. They move in with their 12-year-old son and elderly aunt (Bette Davis). The only provision to their renting the mansion is that Black prepare meals for the mother of the former owner—even though the old woman has never been seen. The house casts a spell on Black's family. She becomes obsessed with beautifying the place, but during its restoration the family encounters many horrifying experiences, leading them all to mysterious deaths. (PG)

SAT. 12 MARCH

"THE AMAZING MR. BLUNDEN" (95 Min.)

Eric Hilly, Reg Lye
(Comedy) It is Christmas, 1918. Two children, James and Lucy Ellen, are visited by a mysterious old man, Mr. Blunden. Hinting that he is a ghost, he then tells the children there is no reason to be afraid of ghosts. He offers their mother a job as caretaker at Langley Park, an empty, half-burned down mansion in the remote countryside believed by the locals to be haunted. This film is a fairytale packed full of surprises and unexpected occurrences. (G)

MON. 14 MARCH

"THE NEXT MAN" (109 Min.)

Sean Connery, Cornelia Sharpe
(Action drama) Sean Connery is a visionary Saudi Arabian diplomat who accepts a ministry post. Going before the U.N., he calls for worldwide peace, mutually beneficial ties with Israel, and a new Mid-East block of oil-rich nations that would exist free from east and west control. The impact of this leads to a story full of suspense. (R)

WED. 16 MARCH

"RIDE A WILD PONY" (93 Min.)

Michael Craig, John Mellon
(Human interest comedy) A poor Australian farming family gets into trouble for not sending their son to school, even though the distance is too far. The proud father manages to buy him a cheap pony who needs to be trained. The pony runs away and is given to a little girl who is crippled by polio. She manages to train him to pull her cart. All the while, the boy has been searching for his pony. When he finds it, a dispute about ownership ensues. The matter goes to court. The judge cannot decide who should get the pony, but an attorney suggests letting the pony make the decision. (G)

THURS. 17 MARCH

"ALEX AND THE GYPSY" (99 Min.)

Jack Lemmon, Genevieve Bujold
(Action) Alex, an aging and cynical bail bondsman (Jack Lemmon), and an unpredictable gypsy (Genevieve Bujold) were once lovers. Now, Bujold suddenly turns up in jail awaiting a long-term sentence for stabbing her most recent husband. She gets Alex to get her out on bail for four days to enjoy a bit of freedom. Reluctantly, and with great risk to his personal fortune, he arranges it. During these four days they revive their romance, leading to a suspenseful ending. (R)

FRI. 18 MARCH

"CHAMPION OF DEATH" (83 Min.)

Wing Fen, Sonny Chiba
(Action drama) Japan is having its first karate championship since the war. The leading karate school participates and its coach expects to see his school win. But among the entrants is Sonny Chiba, who doesn't belong to any formal school. The Senukan school's champion beats every opponent and meets Chiba in the finals. They fight violently and Chiba wins. The contest officials, who favor the Senukan school, condemn Chiba's karate, accusing him of being too primitive and violent in his matches. They expel him. (R)

☆ U.S. Government Printing Office: 783-056 — No. 1017

From: _____

To: _____

PLACE STAMP HERE

Conversion to Navy's CIVPAY to occur soon

The Naval Weapons Center will soon convert to the Navy's CIVPAY (Civilian Payroll) System. This change represents a response by the Chief of Naval Material (CNM) to the Department of Defense requirement that all Navy Research and Development Laboratories use a common civilian payroll system.

The Office of Finance and Management (Code 08) will begin the conversion by distributing new standardized timecards that will cover the pay period for the week beginning March 27.

It is planned that the conversion be made in three steps. Phase I is the distribution of new timecards and paycodes on March 27; Phase II calls for converting to the new computer programs prior to June 1, and Phase III will be the cut over to CIVPAY of the Center's financial reports (i.e., NIP'009) effective Oct. 1, 1977 (FY78).

It should be emphasized that the amount of an employee's paycheck will not be affected. Neither will the job order structure by which costs are reported.

Timekeepers and financial managers (all those who prepare timecards and/or use financial reports) will notice some changes, however. Pay codes by which leave and premium pay are recorded are completely changed.

Timekeeper Briefings Slated

It is planned to have timekeeper briefings from March 21 through 25 and distribute rough draft manuals on CIVPAY timekeeping procedures. Conversion tables of pay codes also will be available for maximum distribution during the next five months until NWC's financial system has been modified to accept CIVPAY input.

Joan Crista, head of the Payroll Branch, emphasizes that every effort will be made to keep changes to a minimum and to make the conversion as smooth as possible. This high degree of continuity may mask differences in system philosophy between CIVPAY and the NWC payroll system.

CIVPAY is characterized as being an "exception system." An exception payroll system is one in which an employee is essentially paid a standard, pre-computed amount that is calculated and input to the computer by payroll clerks, unless an employee is reported to have worked more or less than the standard amount of time, and is not essentially concerned with labor.

In contrast, the present NWC system essentially computes each employee's gross pay from scratch each payday after labor has been balanced. With either system, an employee will receive the correct pay as

(Continued on Page 4)



Naval Weapons Center
China Lake
California

March 11, 1977
Vol. XXXII, No. 10

'Electronic libraries' valuable tools for scientific research work conducted here



TIME-SAVING PROCESS—Ray Martinusen, technical information specialist, is shown at the Technical Library's ORBIT / DIALOGUE terminal typing a search strategy which will be transmitted over the telephone at his far left to the appropriate computer. His strategy, and the answer he receives, are eventually printed on the cathode ray tube screen in front of him, and hard copy can be produced by a thermal printer, located nearby on the desk. —Photo by Ron Allen

Some of the most interesting and valuable tools for scientific research at the Naval Weapons Center are located, not in the laboratories or at the ranges, but in an unimposing building on Blandly Ave. known as the Technical Library.

Faced with a virtual explosion in the amount of scientific data available in recent years, the scientist and engineer must be highly selective in their examination of pertinent technical information if they are to stay abreast of their fields and not consume excessive amounts of time in doing so.

According to Frances A. Fisher, head of the Reference and Circulation Branch of the Technical Information Department's Library Division, "We now have the facilities and personnel to save hours, even days, for people needing information in a hurry."

Exciting Work

"Also, we have available a wider range of sources for finding that information than ever before—that's why those of us who are involved in providing on-line services are caught up in the excitement of creating a new and important type of information tool."

The Technical Library is a pioneer in the development of computerized information retrieval. As long ago as 1954, the library began to automate its technical report records. After evolving through several computer generations, the present CLIP (Computerized Library Information Program) system was born.

Using the Center's UNIVAC 1108 computer, located in Michelson Laboratory, CLIP produces bibliographies of the technical reports in the library collection on any subject requested by the user.

But beyond this in-house retrieval system, NWC users have access to three very sophisticated on-line data banks

(Continued on Page 5)

Two Centerites win election to local school bd.

Two Naval Weapons Center employees, Jack Crawford, an engineer, and David Burdick, a research physicist, along with Ruth Schuyler, a retired school teacher, were successful Tuesday in their bids for election to the Sierra Sands Unified School District's Board of Education.

According to the unofficial vote tally obtained from the Kern County Clerk's office in Bakersfield, Crawford was the top vote-getter, with 1,940; Mrs. Schuyler was second (1,754), and Burdick made it into the winners' circle with 1,477.

A proposed one-year tax override for the purpose of providing funds for improvement of athletic facilities at Burroughs High School was soundly defeated by margin of more than five votes to one. The unofficial count was 661 in favor and 3,359 against the tax increase.

Other candidates vying for election to the school board, and the number of votes each received, were: James Jernigan (1,052), William Werback (907), Marianna Vander Werf (736), Glen Huber (675), Dave Kysler (625) Jack Klever (482), Jim Dake (480), Douglas Brewer, who had withdrawn from the race prior to the election (455), Donald Jones (445), and Larry Byrd, Jr. (380).

The oath of office will be administered to

(Continued on Page 3)

Son of RAdm. Schoeffel pays visit to Naval Weapons Center for briefings

A Naval officer with a name familiar to every China Laker and with a record of service to his country that can be matched by few Americans visited the Naval Weapons Center this week for several days of briefings and consultations.

He is Capt. Peter van R. Schoeffel, who is head of the Aircraft Survivability/Vulnerability Branch of the Naval Air Systems Command in Washington, D.C. The purpose of his visit was to obtain familiarity

with the people and capabilities of China Lake's aircraft survivability organization and to discuss planning for future work.

His father, Rear Admiral Malcolm F. Schoeffel, USN (Ret.), was involved in the concept of an integrated weapons research and development center during World War II, and in 1947 was the assistant chief of the Navy's Bureau of Ordnance.

According to Capt. Schoeffel, "I am very proud of what my father accomplished, and the Naval Weapons Center had a lot to do with it—particularly in the development of the Sidewinder, accomplished while he was Chief of the Bureau of Ordnance and something which he was particularly pleased to be associated with."

Academy Graduate in 1954

A native of Washington, D.C., Capt. Schoeffel was graduated from the Naval Academy in 1954 and earned his wings three years later. Prior to earning an M.S. degree from the Naval Postgraduate School in Monterey in 1964, he participated in three cruises to the Mediterranean, one of which came during the course of a destroyer tour and the others during his service with VA (Attack Squadron) 66, homeported at NAS Oceana, Va.

From Monterey, Capt. Schoeffel went to the nation's capital, where he was attached to the Naval Warfare Analysis Group of the Center for Naval Analysis. In 1965 he became operations officer for VA-15, and with that squadron, aboard the USS Intrepid, made a Southeast Asia cruise in 1966.

In early 1967, Capt. Schoeffel made his first visit to China Lake, when, for a few days, he fired Shrike missiles from A-4C's prior to the deployment of that system.

In December of that year, while flying on

(Continued on Page 4)



DISTINGUISHED VISITOR—Rear Admiral R. G. Freeman III (at right), NWC Commander, presents an NWC plaque to Capt. Peter van R. Schoeffel, head of the Aircraft Survivability/Vulnerability Branch of the Naval Air Systems Command in Washington, D.C. Capt. Schoeffel, who spent 5½ years as a POW in North Vietnam, visited China Lake for briefings about the aircraft survivability organization here. —Photo by Ron Allen



HE'S DIFFERENT IN THE DAY—Karen Karner (at left), in the role of Luisa in the China Lake Players' production of "The Fantastics," muses at the inconsistency of her lover Matt, played by David Penrose, who wonders what lies beyond the road he sees. Karen Buehler as the Mute watches in the background, knowing the course of true love is never smooth. The final two performances of this musical will be presented tonight and tomorrow night at the Players' hut, 405 McIntire St. —Photo by Stan Sanders

Lt. Larry Thomson serving as VX-5's quality assurance officer

Air Test and Evaluation Squadron Five has a new quality assurance officer—Lt. Larry Thomson, a native of Alexandria, Va.

Prior to reporting aboard the Naval Weapons Center early last month, Lt. Thomson served as legal officer and line division officer of VA-34 at the Naval Air Station Oceana, Va., and aboard the USS John F. Kennedy.

A 1969 graduate of the U.S. Naval Academy, Lt. Thomson, for slightly over

inauguration, and the funerals of President Lyndon B. Johnson and Herbert Hoover, the nation's first director of the Federal Bureau of Investigation.

"I think that from a division officer's standpoint," said Lt. Thomson, "this was an unequalled job because each man in that all-volunteer unit is hand picked from boot camp and had to meet stringent mental and physical requirements. As a result, their esprit de corps was phenomenal. One of the things that made it particularly challenging work was that you just didn't make mistakes—you couldn't, because you were performing in front of the President or the Chief of Naval Operations."

In 1975, Lt. Thomson received an M.A. degree in international relations from Georgetown University in Washington, D.C. He and his wife, Cynthia, live in Navy housing.

Tax laws to be topic at next Brown Bag Seminar

A discussion on current tax laws, in particular those of concern to working parents, will be presented at the next Brown Bag Seminar on Wednesday, March 16, from 11:30 a.m. to 12:30 p.m. in the Sidewinder Rm. of the Community Center.

The speaker will be Eugene Best, an air conditioning technician in the Public Works Department's Maintenance - Utilities Division, who is a part-time tax consultant. Best hopes eventually to work his tax consultant job into a retirement business.

Changes in income tax laws also will be discussed by Best, as well as information on preparing individual tax returns.

The Brown Bag Seminar is open to all Center employees and guests. Those interested in attending should bring their own lunch.



Lt. Larry Thomson

two years, from 1971-73, was assistant officer-in-charge of the U.S. Navy Ceremonial Guard, a White House support activity stationed at the Washington Navy Yard. This 150-man detail marched and formed honor guards at state funerals, and at arrival ceremonies for numerous dignitaries.

Among the most significant occasions at which Lt. Thomson's group served were President Richard M. Nixon's 1972

Promotional opportunities

Unless otherwise specified in the ad, applications for positions listed in this column will be accepted from current NWC employees and should be filed with the person named in the ad. All others desiring employment with the Naval Weapons Center may contact the Employment-Wage and 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. Employees whose work history has not been brought up to date within the last six months are encouraged to file a Form 171 or 172 in their personnel jacket. Information concerning the Merit Promotion Program and the evaluation methods used in these promotional opportunities may be obtained from your Personnel Management Advisor (Code 996 or 997). Advertising positions in the Promotional Opportunities column does not preclude the use of alternate recruiting sources in filling these positions. As part of the rating process, a supervisor appraisal will be sent to the current supervisor and the most recent previous supervisor of those applicants rated as basically qualified. The Naval Weapons Center is an equal opportunity employer and selection shall be made without discrimination for any nonmerit reason. The minimum qualification requirements for all GS positions are defined in CSC Handbook X-118, while those for all WG, WL and WS positions are defined in CSC Handbook X-118C.

Electronics Technician, GS-554-9/10/11, PD No. 7437855, Code 4221—This position is located in the Air Operations Branch, Range Operations Division, Range Department. The incumbent designs and develops digital-to-analog and analog-to-digital conversion, basic and complex servo-mechanisms, and state-of-the-art digital circuitry that includes TTL, ECL, and Tri-state logic. The incumbent performs the maintenance, check-out and calibration of equipment on the aircraft range data processing digital computer system. Job Relevant Criteria: Knowledge of digital electronics theory and hardware, ability to apply basic and advanced digital electronics design and development principles, ability to operate, troubleshoot and repair digital and analog electronic systems, knowledge of ADP computer theory and operational techniques. If filled below GS-11, promotion potential to GS-11.

Engineering Technician, GS-802-4/9, PD No. 774015N, Code 4223—This position is located in the Ground Operations Branch, Range Operations Division, Range Department. The incumbent directs and coordinates tests conducted on NWC ground ranges. Incumbent will be responsible for direct coordinating and/or controlling all activities involved in tests, and provides guidance to project sponsors on best methods for obtaining required project test results. Job Relevant Criteria: Knowledge of radar, photo optical and electronic instrumentation systems capabilities; ability to plan ground ordnance and weapons tests; knowledge of NWC ranges and of safety procedures related to weapons testing. Promotion potential to GS-11.

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Technical Publications and Informal reports such as Program Plans, and Technical Memorandums. Job Relevant Criteria: Experience in editing, knowledge of offset photolithography, experience in preparing art work, and ability to work independently.

File applications for the above with Mary Morrison, Bldg. 34, Rm. 210, Ph. 2393.

Administrative Officer, GS-341-12, PD No. 7540153, Code 3102—As head of staff, Systems Development Department, incumbent provides staff and management services to the department head and the department. Functions include planning, budgeting, management and organization analysis, manpower and financial analysis, personnel, facilities, space, and general administrative services. Job Relevant Criteria: Sound knowledge of Navy and Center administrative and management (especially financial, personnel and budget related) principles and procedures; high degree of initiative and decisiveness; ability to deal effectively with people of many disciplines; high degree of diplomacy and persuasive skills, and the ability to express self appropriately both orally and in writing.

File applications for the above with Pat Gaunt, Bldg. 34, Rm. 212, Ph. 2514.

Logistics Management Specialist, GS-346-9/11/12, PD No. 7734034, Code 3464—This position is that of a logistics management specialist in the Integrated Logistics Support (ILS) Branch, Fleet Engineering Division, Engineering Department. The prime responsibility of this branch and major duties/responsibilities in which the incumbent will get involved are the coordination and application of ILS to NAVAIR development projects at this Center and other activities (government and contractor) as assigned. The incumbent will implement ILS principles and requirements during the development phase and for the life cycle of the NWC cognizance system/equipment. Job Relevant Criteria: Knowledge of integrated logistics support (ILS) principles and policies, and knowledge of the management of weapons systems, and components as it relates to ILS.

File applications for the above with Janet Thomas, Bldg. 34, Rm. 204, Ph. 2925.

Supply Clerk (Typing), GS-2005-3, PD No. 7725008N, Code 2591—This position is located in the Storage and Retail Issue Branch of the Material Division, Supply Department. Incumbent is responsible for receipt, preparation and processing of TELMART orders. Incumbent maintains files, processes incoming documents and prepares master cards for new items. Job Relevant Criteria: Reliability and dependability, telephone answering skills, ability to type and to work rapidly and accurately. Promotion potential to GS-5.

Clerk (Typing), GS-201-4, PD No. 7725009N, Code 252—This position is located in the Procurement Division of the Supply Department. The incumbent is responsible for receiving visitors and calls, obtaining and presenting information for division reports, maintaining division files. Job Relevant Criteria: Ability to type efficiently and accurately, ability to meet deadlines under pressure.

Visual Information Specialist, GS-1064-9, PD No. 7453010-1, Code 2341—This position is located in the Field Service Branch No. 1, of the Field Service Division, Technical Information Department. The incumbent assists engineers, supervisors and other technical personnel in the preparation of presentations. The incumbent will choose the most effective art form for the presentation (usually this will be either slides, vugraphs, flip charts or wall displays). The incumbent will also prepare various illustrative matter for technical reports. Job Relevant Criteria: Experience in preparing art work, experience in working with people at all organizational levels, and the ability to work independently.

Visual Information Assistant, GS-1001-7, PD No. 7723011, Code 2363—This position is located in Field Service Branch No. 3, of the Field Service Division, Technical Information Department. The incumbent is responsible for the preparation of material for publication and presentation. This includes specific copyediting, composition and layout, and proofreading assignments of the various types connected with publication of formal NWC

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Patty Parks does well at high-level Class II gym meet

Patty Parks, a member of the High Desert Gymnastics Team, represented Ridgecrest at the highest level of Class II gymnastics competition last Saturday and earned a third-place ribbon for floor exercise and an eighth place standing all-around.

"Many of California's more prestigious gymnastics teams were not even represented at this meet," said Stevie Latimer, coach for Ridgecrest's Class II team. The California State Invitational, held at the Mt. Diablo Gymnastics Club near Oakland, pitted the 20 top senior division Class II gymnasts in the state against one another in the toughest competition Miss Parks has yet had to face.

A 65.5 all-around score gained the local girl her eighth-place standing. Scores in individual events, for compulsories and optionals combined, were 16.35 for vaulting, 16.6 for uneven parallel bars, 15.15 for balance beam, and 17.45 for floor exercise.

Miss Parks had a bit of bad luck on the compulsory beam routine, her first event of the meet and the apparatus with which she typically has the most difficulty. She recovered nicely for her optional beam routine, however, and earned one of the meet's highest scores for this event. Her optional vault was a yami with a half twist, which she performed for the first time ever in competition with very good results.

Although the uneven parallel bars are usually her best event, she has gained skill this year as a superior all-around gymnast, an accomplishment she proved by her outstanding showing last Saturday.

This was Miss Parks' final meet of the season for the High Desert Team. She plans now to compete with the Burroughs High School gymnastics team. In addition, her expertise in a variety of events may also be seen by local residents during a big gymnastics show that will be put on by both local gymnastics teams at the Burroughs High School gymnasium on April 29 and 30.

Saddleback Sales keglers keep lead in Premier League

The three top team's all posted three game sweeps in Monday night's Premier League action at Hall Memorial Lanes.

As a result, the Saddleback sales keglers (56-16) continue to hold a 4-game lead over the second place Hideaway squad (52-20), while the Raytheon Sidewinders are in third.

The trio of league leaders knocked off the Credit Union, Fisher Plastering and King Max teams.

High team series for the night (3,007) was rolled by the Hideaway keglers, but it was the NAF Hawks who came through with the high team game for the evening—1,081.

For the second week in a row, Thad Brightwell set the pace with a high individual series of 693. Others whose 3-game totals topped the 600 mark were: George Barker (669), Bob Kauffman (656), Bob Beck (639), Allen Smith (623), Jim Wright (605), and Vic Black and Jack Brown (603).

Beck's 279 was the high individual game score Monday night. Other Premier League bowlers who topped 220 were: Brightwell (269 and 232), Barker (258), Kauffman and Wright (248), Jack Brown (236), Allen Smith (235), Glen Collins (234), and John Johnson (226).

Intramural cagers...

(Continued from Page 6) time it was Dave Bates who led the Division C champs as he tallied 16 points. Randy Mather was the top scorer for Loewen's No. 2 with 10.

In the final Division C matchup on Wednesday night, the Outcasts knocked off the Lobos, 42-26. Tim Martin's 13 points were high for the Outcasts, while the Lobos were led in the scoring department by Kerry Lytle and Pam McDonald, with 8 points each.

Employee in the spotlight



Bill Norris

During the period of 1952-53 Bill was on a post-doctoral fellowship at UCLA, and, while working in the lab there one day a man walked up to him, without introducing himself, and asked if he had a job. Bill said he hadn't started looking for one yet, and the interested stranger advised him to look for work at China Lake.

A few months later, Bill received another visit from the same man, who inquired why he wasn't working for the Navy yet. Under questioning, he finally confessed to Bill that as a presently employed scientist at the Naval Ordnance Test Station, he had tried to transfer to another department, but could not until he found himself a replacement.

"In those days," recalls Bill, "if you had a Ph.D. in chemistry, they were ready to hire you." And, contending with fate no longer, Bill bowed to the assiduity of the scientist-turned-recruiter and made the trek to China Lake.

Bill's initial assignment in 1953 was as a research chemist in the Explosives Department working on high energy compounds. But things got a little lonely out at Salt Walls because he was the only research chemist there, and there was no one with whom to talk about work. In 1954 he

transferred to his present branch. Bill is known around the community as a man with quite a few off-the-job interests, most of which are connected with his love for the outdoors.

A longtime backpacker, Bill has explored the Alaskan and Sierra Nevada wildernesses in company with friends who have the same hobby. Since 1961, he's added a twist to this, as he and a partner put their camping gear into a kayak for trips down the Cataract Canyon of the Colorado, Grand Canyon of the Colorado, River of No Return in Salmon, Idaho, and other watercourses. Bill usually takes his camera along on these expeditions to indulge his interest in photography.

Also an experienced rockhound, Bill, although he is currently not very active in this hobby, used to specialize in agate, petrified wood and mineral specimens from mine dumps. The Maturango Museum displays a million-year-old horse jaw which he found some time ago.

Bill can be seen kicking up his heels a good bit around the China Lake area, too, both as a dedicated jogger ("It's my cure-all") and a member of the Desert Dancers. A fellow folk dancer has said of him, "Bill is great fun to dance with and is an enthusiastic member of the group."

The chemistry must be right. Results announced of Credit Union's annual election

Reports summarizing major events of the past year of operation, and announcement of the results of balloting that was held to elect members of the board of directors and credit committee, highlighted the recent annual meeting of the Naval Weapons Center Federal Credit Union.

Successful candidates for the board of directors were William J. Baker, Dr. William R. McBride and Bruce Wertenberger, all incumbents who were re-elected, and Cal Fallgatter. Those chosen to serve on the credit committee are Beverly Meeker and AMEC Joseph R. Pickens, both incumbents, and William E. Arnold and Woodrow D. Chartier, Jr.

This past July, following a charter revision that was approved by the National Credit Union Association, membership in the NWC Federal Credit Union was opened up to all those who work or live in the Indian Wells Valley.

At this same time, a branch office of the Credit Union opened its doors in the Sierra Vista Shopping Center in Ridgecrest, and a mobile unit of the Credit Union began its operations in Ridgecrest.

Beginning on April 1, the NWC Federal Credit Union will have its own mini-computer in operation at the main office at China Lake. Employees, already trained in use of the computer, are on the job.

NWC volleyballers win MDISL crown at Barstow tourney

Naval Weapons Center volleyballers scored their first Mojave Desert Inter-Service League victory in recent memory, and moved within a point of the lead in the over-all league standings, in competition last weekend at the Marine Corps Logistic Support Base, Pacific, in Barstow.

China Lake won 15 games and lost just one under rules which limited each contest to no more than 17 minutes' length, or a score of 15 points by one team, whichever came first. The locals' single loss came on Sunday against Norton Air Force Base by a score of 11-8.

Leading in the overall MDISL standings after this, the second round of competition of the year, is March AFB, with a total of 26 points. NWC, with 25 points, is running a close second, while Norton and Nellis Air Force Bases are tied for third place with 23 points apiece. A first place finish in each separate competition is worth 15 points, second place, 13, and third, 11. Every other team that competes receives 10 points.

Runners-up in Tourney

Second place Norton AFB sported a 12-4 record for the two days of volleyball play, while the March AFB team, which had captured the MDISL volleyball crown for the previous two years, managed an overall showing of 11-5. March lost both its games to the China Lakers, by scores of 11-9 and 12-11.

The six starting players for NWC were player-coach Jerry Kissick, Jim Bevan, Duane Fojt, Bob Smith, Russ Bates and Tim Higgins. The other players on the 10-man team were Dave Kurdeka, Dick Swenson, Calvin Evans and Darrell West.

According to Kissick, "A first place volleyball showing takes a pretty good team effort, and that's what we had last weekend. Everyone played well and consistently for two days, without any ups and downs."

The next competition the locals will face is a U.S. Volleyball Association tournament to be held in Los Angeles on March 26. Said Kissick, "If we play there like we did at Barstow, we should do real well."

China Lake Soccer Club blanks rivals from Edwards AFB, paced by Birkhead's 5 goals

Paced by Roy Birkhead's 5 goals, the China Lake Soccer Club drubbed their counterparts from Edwards Air Force Base by a score of 7-0 in a game played last Saturday at Davidove Field.

The China Lakers showed no trace of the carelessness and uncertainty that resulted in a 5-2 loss to Edwards in a game played there three weeks ago. Aggressive, confident, attacking play by the locals from the opening kickoff led to a steady stream of goals.

In addition to the 3 tallies by Birkhead in the first half, another China Lake goal was called back because an Edwards defender had handled the ball near the goal line. However, the resulting penalty kick was successfully made by Klaus Schadow and the locals had a 4-0 lead at the end of the first 45-minute period.

After the intermission, Birkhead, who played center forward, added 2 more scores, while Denny McGinn nailed the other goal for the home team.

The real story behind Saturday's decisive victory, however, may have been defense. Goalkeeper Dave Bates recorded the shutout and made a number of nice stops and grabs in the few instances in which his defensive protection let down. The starting defense of Tim Howlett, Marv Goodman, Tom Hennen and "Ahmed" continued the steady, organized play that solidified after the disastrous first half at Edwards in the team's first encounter this season.

The midfield play of Roy Miller, McGinn and Karl Kauffman was strong at both ends of the field, helping the defense protect the shutout and also sending wingers Schadow and Karl Kraeule into Edwards' end of the field with strong passing. Their support of the attack contributed significantly to the



MDISL CHAMPS—In competition last Saturday and Sunday at the Marine Corps Logistic Support Base, Pacific, in Barstow, NWC's volleyball team handily edged out all rivals to win the crown in this Mojave Desert Inter-Service League event with an over-all record of 15-1. The team members are (standing, l.-r.) Tim Higgins, Russ Bates, player-coach Jerry Kissick, Darrell West and Bob Smith; and (kneeling, l.-r.) Duane Fojt, Calvin Evans, Dave Kurdeka, Jim Bevan and Dick Swenson. Their individual and team trophies are displayed in the foreground.

NAF cagers win 'A' Div. playoffs as Intramural League season concludes

China Lake's Intramural Basketball League season came to an end last week. Championship of Division A was decided on Thursday night, March 3, when the NAF cagers won the second of two close playoff games over NWC by a score of 70-67. On the previous night (March 2), the NAF hoopsters posted a 60-54 victory.

First place in Division B was claimed by the undefeated Space Mud squad, which rolled up 12 consecutive wins, while in Division C top honors were shared by the No Names and Royals, who each won 9 out of 10 games during the season.

Daryl Moline was the big gun for the Division A champs from NAF. He had a hot hand in both playoff games — scoring 29 points in the first contest and 33 in the second tilt.

In the best two-out-of-three series for the Division A title, the NWC squad (the season's first round winners) held a slight 3-point advantage at halftime in game No. 1 over their opponents from NAF, who were there at the second half of the season.

Major factor in deciding the nip and tuck contest was the shooting skill of Moline of NAF, whose 29-point performance was backed up by Cash Cowles, a teammate, who tallied 15. Kelvin McSwain and Greg Robbins, who had 19 and 13 points, respectively, led the NWC cagers.

The NAF hoopsters had a 6-point lead with 1½ min. left to play in the game and held onto it to lock up their 60-54 win.

The following night's playoff game developed into one of the highest scoring contests of the season, but once again NAF prevailed — this time by a 3-point margin of 70-67.

The NAF hoopsters, who had the momentum going for them from their previous night's win, got off to a good start and, at one point, led by a margin of 31-15. The NWC cagers held on gamely, however, and eventually cut their opponents' lead to 3 points with 1 min. still left to play in the game. Time ran out before NWC's late rally could change the final outcome.

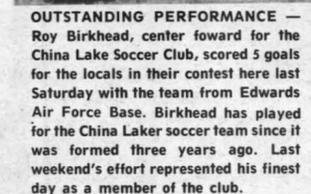
High Point Men
High point men for the two teams were Moline of NAF with 33 and Greg Robbins, who tallied 12 for NWC.

In other action during the final week of Intramural Basketball League play, the Gamecocks won their second game of the season on Tuesday night, March 1, as they squeaked by the Homestead, 41-39. Mike Hanson's 19-point performance was tops for the Gamecocks, while Robert Carter scored 17 for the Homestead team.

Loewen's No. 2 and the Net Knockers collided in the second game played on Tuesday night. Dennis Hendon looped in 17 points to lead the Loewen's team to a 53-45 win. Rod Maskew also tallied 17 in a losing effort for the Net Knockers.

In a Division C contest played on March 1, the Space Mud hoopsters turned back the Muthas, 47-31. High point men for the two teams were Al Sorenson with 17 for the division champs and Ron Brummett, who looped in 10 for the Muthas.

Continuing on to wrap up an undefeated season, the Space Mud squad then shut down Loewen's No. 2, 52-40, in a make-up game played on Wednesday, March 2. This (Continued on Page 7)



OUTSTANDING PERFORMANCE — Roy Birkhead, center forward for the China Lake Soccer Club, scored 5 goals for the locals in their contest here last Saturday with the team from Edwards Air Force Base. Birkhead has played for the China Lake soccer team since it was formed three years ago. Last weekend's effort represented his finest day as a member of the club.



Doug's Corner

Scramble tourney to be held at golf course March 19

Registration is now open for a scramble tournament to be held at the China Lake golf course on Saturday, March 19.

This event, sponsored by the China Lake Men's Golf Club, is open to club members with an established handicap. The tournament will consist of foursomes made up of one high, one low and two medium handicappers. The tourney committee will determine the foursomes, and the competition may revert to individual medal play if not enough low handicap players enter to meet the demand.

The best ball per foursome will be scored for each hole, and gift certificates will be offered for prizes. Starting times will be the earliest available, both nines, on the day of the tournament. Entry fee is \$3 per person.

Interested persons may register at the golf club or contact Mike Sanitate by calling NWC ext. 3310.

Youth Pool Hours

The open hours for the Center gymnasium's indoor pool will be set back to 2:30 p.m. tomorrow, due to an Indian Wells Valley swim meet which is to get under way there at 9:30 a.m.

Furthermore, a new rule has gone into effect at the indoor pool, whereby its use on Monday nights is restricted to persons at least 16 years of age.

A Fun Way to Health

An eight-week belly dancing class will begin in the Panamint Rm. of the Community Center on April 5.

The class will meet on Tuesday nights from 7:30 to 8:30. Course fee is \$10 per person. Further information may be obtained by phoning the gymnasium at NWC ext. 2334 or 2571.

Youth Soccer

Tryouts will be held on Saturday, March 19, at 9 a.m. at Davidove Field for the Spring Soccer League which the NWC Youth Center is planning for players eight years of age through the eighth grade.

League play will begin March 26, and continue on Saturday mornings through the spring. No practices will be required. Registration is now being taken at the Youth Center.

Volleyball Meeting

The final organizational meeting for the 1977 intramural volleyball season will be held at 5 p.m. on Thursday, March 17, at the Community Center.

The last day that rosters will be accepted is this coming Monday. Coaches can pick up roster forms in the gymnasium office on weekdays between the hours of 9 a.m. and 2:30 p.m.

Little League tryouts set

Tryouts for China Lake Little League's Major Division will be held on Saturday, from 9:30 to 11:30 a.m., at Little League diamond No. 4 (across the street from the Credit Union).

All boys and girls born between Aug. 1, 1964, and July 31, 1967 (ages 10 to 12) are invited to participate in the tryouts. Signups and registration will begin at 9 a.m.

Similar tryouts for the Minor and Farm Divisions of the China Lake Little League have been scheduled on March 19 and 26 at the same time and place.

Youngsters who did not play on a Little League team last year must furnish proof of their date of birth at the time they are registered.



SEMINAR SPEAKERS—Three of the nationally-recognized experts in the field of solder technology who shared their knowledge on this subject during a seminar held here last Friday are (l.-r.) Richard Johnson, Joe Keller and Howard Manko. —Photos by Mike Foster

Experts contribute to Solder Technology Seminar

What is hoped may be a king-size step in the direction of developing one standard Tri-service specification for soldering and solder-related materials used in electronic assembly work was taken at the Naval Weapons Center's first annual Solder Technology Seminar.

This day-long event, held last Friday at the Community Center, drew an attendance of 137 Federal government, military and contractor representatives of whom 107 were from off Center. The visitors came from as far away as Nashua, N.H., and Merritt Island, Fla., to hear the nation's acknowledged experts in this field.

Included in this elite group was Howard Manko, who heads his own consulting service in Teaneck, N.J., and is the author of widely-used texts and articles on soldering technology and cleaning and a leading authority on soldering cleaning and electronic assembly.

DoD Representative Present

Department of Defense interest in the subject was indicated by the presence of Burt Newlin, from the Specifications and Standardization Office under the Office of the Assistant Secretary of Defense.

Instigator and moving force behind the planning and staging of this seminar was Jim Raby, head of the Solder Technology Branch in the Engineering Department's Product Assurance Division.

Approximately a year ago, a similar but smaller meeting was arranged here by

State's water quality control program to be discussed Thurs.

A talk on the subject of the State of California's Water Quality Control Program will highlight the next meeting of the Desert Area Branch of the American Society of Civil Engineers.

The meeting, which will be held next Thursday, March 17, at The Hideaway in Ridgecrest, will begin with a social hour at 6 p.m., followed by a dinner and then the program at 8 o'clock.

The speaker, James Kuykendall, from the Bishop office of the California Regional Water Quality Control Board, will discuss the functions of the board and the extent of its interests and activities in the Indian Wells and Searles Valleys.

Time will be allotted for answers to questions from the audience.

All interested persons are invited to attend. Reservations can be made by calling John Cox at NWC ext. 3538 or 375-2870 (evenings) prior to March 17.

Election results...

(Continued from Page 1)
The new school board members at the first meeting in April. Normally this would be on the evening of Thursday, April 7, but since this date falls during Easter vacation week seating of the board members is expected to be delayed a week until April 14. A final decision on this matter will be made at the school board's March 17 session.

Navy CEC, Seabees' anniversary ball slated Saturday at CPO Club

The Chief Petty Officers' Club will be the setting tomorrow night for this year's gala Seabee Ball, commemorating the 110th anniversary of the Navy's Civil Engineer Corps and the 35th birthday of the Seabees.

The evening will begin with a social hour from 6:30 to 7:30, followed by dinner. At 9 o'clock, the ceremonial portion of the program will get under way, during which time the annual Seabee of the Year award will be presented.

In addition, Ted Edwards, mayor of Ridgecrest, will read a city resolution praising the work which China Lake Seabees have performed in the local community, and EOC William H. Thorpe, USNR, will be presented with the King Bee award in recognition of his dedicated years

of service to the Seabee Reserve unit here. Honored guests for the affair, besides Mayor Edwards and his wife, will include Rear Admiral R. G. Freeman III, NWC Commander, and Mrs. Freeman, and Dr. G. L. Hollingsworth, NWC Technical Director, and Mrs. Hollingsworth.

Master of ceremonies for the occasion will be Harry Parode, NWC public information officer.

Dancing to the music of the Joe Jones Band, a local country-western group, is scheduled from 9:30 until 1 a.m.

The ball, in commemorating the anniversaries of the Seabees and the Navy Civil Engineer Corps, will be honoring a combined total of 145 years of distinguished service by personnel of these two organizations in peace and war.

Civil Engineer Corps Birthdate

Prior to March 2, 1867, the Navy's civil engineers were appointed by the Secretary of the Navy. On that date, Congress passed an act providing that the President, by and with the consent of the Senate, should commission these engineers. This legislation signaled the birth of the Civil Engineer Corps of the Navy.

In the wake of the Japanese attack on Pearl Harbor in December 1941, Admiral Ben Moreell, chief of the then Bureau of Yards and Docks, requested specific authority to organize and man naval construction battalions. This authority was granted by the Bureau of Navigation, which, on March 5, 1942, sanctioned both the designation "Seabees" and the now famous bee insignia for the Naval Construction Forces.

Applications for Apprenticeship Program now being accepted

The U.S. Civil Service Commission is currently accepting applications for the NWC Apprenticeship Program. The deadline for applications to take the written test is Thursday, March 31.

Applicants who attained eligibility under previous announcements and wish to be considered for the 1977 NWC Apprenticeship Program, must retake the written test and submit a new application by filing a completed copy of CSC Card Form 5000AB, which is available at the NWC Civilian Personnel Office.

This examination provides the only avenue through which applicants outside Civil Service may compete for Apprenticeship Program vacancies.

NWC employees will be given the opportunity to apply for the NWC Apprenticeship Program through merit promotion procedures. A merit promotion announcement will be published later this month.

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HERE FROM DoD — Burt Newlin was at NWC to evaluate the Center's efforts in the field of solder technology and also assess industry's interest in this effort.

HN Kevin Knievel selected as NWC's Sailor of Month

Hospitalman Kevin J. Knievel, of the local branch clinic of the Naval Regional Medical Center, Long Beach, has been named the Naval Weapons Center's Sailor of the Month for February.

As a technician in the clinic's X-ray department, HN Knievel is responsible for taking and developing patient's X-rays. He says he likes his job "because it's interesting and you get to meet a lot of people."

According to LCdr. E. J. Hays, administrative services officer of the clinic, "He is a certified medical laboratory assistant and is now completing his requirements for certification as an X-ray technician. The completion of one of these two major technical specialties is demanding of any individual, but HN Knievel appears to be mastering the two with ease. Having both, he will become one of the most versatile and competent corpsmen this reviewer has had the pleasure to serve with."

A native of Tilden, Neb., HN Knievel

entered the Navy in November, 1975. He had previously studied at the Lakeland Medical Institute in Minneapolis, Minn., and worked as an X-ray, laboratory and EKG



HN Kevin J. Knievel

technician at the Pembine County Memorial Hospital in Cavalier, N.D., and St. Ansgars Hospital in Park River, N.D.

After attending boot camp at Great Lakes, Ill., and "A" school at San Diego (where he was graduated third in a class of 44 students), February's Sailor of the Month reported to China Lake for his first duty assignment in May of last year. Prior to being given his present assignment in the clinic's X-ray department, he had worked in the outpatient department and the laboratory.

The 25-year-old sailor and his wife, Melanie, live with their 17-month-old son, Bryce, in Navy housing. HN Knievel, who says he enjoys the China Lake area because "we have a small town, friendly atmosphere here," likes to bowl, play softball and basketball, and work on his car in his spare time.

For his selection as Sailor of the Month, HN Knievel will receive a 96-hr. liberty pass and a free dinner for two at the Enlisted Club.



IMPORTANT DECISION MADE — After hearing a presentation by Tilly Barling (at right), head of the NWC Natural Resources Office, members of the Wildflower Festival Committee of WACOM last week voted to discontinue this event at China Lake. Shown looking over materials brought along by Mrs. Barling to back up her report citing the increased need for conservation of the desert's natural resources are Mrs. Dorothy Freeman (at left), chairman of Wildflower Festival Committee, and Lorraine McClung, who had been appointed to serve as business manager of this event for 1977. —Photo by Ron Allen

As conservation measure, decision made to discontinue wildflower show

A landmark decision was made at a recent meeting of the Wildflower Festival Committee of the Women's Auxiliary of the Commissioned Officers' Mess.

The committee, chaired by Mrs. Dorothy Freeman, voted unanimously to discontinue the annual Wildflower Festival as a positive measure in support of conservation of desert natural resources. The decision to discontinue the traditional event was made after a recommendation by the NWC Natural Resources Management Office that consideration be given to mounting pressures from many sources on the flora and fauna of the upper Mojave Desert.

Desert Areas Changes Discussed

Changes to the character and amount of open desert land resulting from urban and rural development were discussed by the Wildflower Festival Committee. It was also noted other factors adversely affecting vegetation of this region are increased recreation use, erratic rainfall patterns, and cattle, sheep and burro grazing.

The committee would like to support the national effort to conserve energy — heat, electricity, and water — by the facilities at NWC. Moreover, the difficulty of securing gate passes for unofficial functions at NWC

Opportunities...

(Continued from Page 2)

reliability and dependability. Promotion potential to GS-5. File applications for the above with Terry Rowell, Bldg. 34, Rm. 210, Ph. 2371.

Supervisory General Engineer / Electronics Engineer / Physicist, GS-801 / 855 / 1310-14 / 15, PD No. 7439061E, Code 391 — This is a temporary position not to exceed one year. Incumbent is head of the Systems Engineering and Synthesis Division, Weapons Department. The division specializes in weapons and system analysis and synthesis, simulation, modeling, requirements specification, design trade-off studies and concept formulation in the areas of anti-air, anti-ship and air-to-surface weapon systems. Job Relevant Criteria: Must have clearly demonstrated ability to supervise such as experience as a branch or division head; must have experience in weapon system concept formulation; should have familiarity with the basic procedures and concepts of systems synthesis and analysis, requirements definition, computer simulation / modeling and system design trade off studies.

File applications for the above with Marge Stanton, Bldg. 34, Rm. 206, Ph. 2723.

JOB OPPORTUNITY

Clerk-Typist, AS-322-4, PD No. 755513, Code 0891 — This is not a Civil Service job. This position is located at the Center gymnasium, Social Services Division, Office of Finance and Management. The incumbent provides clerical support such as typing, filing, receiving money from patrons, maintaining records, greeting patrons, maintaining bulletin boards, and sorting and distributing mail. Job Relevant Criteria: Ability to type efficiently and accurately, telephone answering skills and receptionist abilities.

File applications for the above with Tina Rockdale, Bldg. 34, Rm. 206, Ph. 2674.

Capt. Peter Schoeffel visitor at Center...

(Continued from Page 1)

a flak-suppression mission with VA-15 near Haiphong, he was shot down by anti-aircraft fire of the North Vietnamese. When his plane started to go down, recalled Capt. Schoeffel, "I thought, gosh, let's go back 30 seconds and start over again." Then began his 5½ years of imprisonment in five different POW camps around Hanoi.

Capt. Schoeffel was eventually awarded the Purple Heart for treatment which he received during the early period of his captivity, during which time a Vietnamese interrogator, unaffectionately nicknamed "the Bug," distinguished himself in the application of torture.

Low Point of Imprisonment

The psychological low point of his imprisonment came, said Capt. Schoeffel, right after the first two or three day-long torture session, when he regarded the few "amenities" which he received (such as soap and a towel) as "the payment of a Benedict Arnold. I told them things I shouldn't have."

Although his treatment gradually improved over the years, Capt. Schoeffel remembers another of his captors who was particularly efficient in torture. He was "Fidel" a Cuban national, "who, because of his intelligence and diligence, was particularly difficult to put up with. The Vietnamese weren't nearly as capable as he was. That guy took pride in a 'job well done.'"

For a total of 14 months, 10 months at one stretch, Capt. Schoeffel was in "solo" confinement, during which time he was kept in a room by himself, although the possibility existed for communication with his fellow prisoners. Like many of his mates, he carried out an extensive exercise program, and to keep his mind alive, reviewed things he had learned in school, memorized miscellaneous facts passed between other prisoners, and wrote poetry (some of which survived numerous confiscations by his guards.)

During most of his captivity, Capt. Schoeffel had two or three roommates in his cell, and during the last two years as a guest of the Vietnamese, had upwards of 50 roommates at a time. "Fortunately," he said, "we had all been given service survival school training, which had taught us how to organize ourselves in prison camps."

Capt. Schoeffel terms his "most

colossally boring and obnoxious" experience in North Vietnam the indoctrination sessions to which he was subjected. For as much as twice a week, for over an hour each session, he was given a trenchant dose of Vietnamese history. Not much more pleasant were the prison menus, which, although they usually provided a tolerable level of calories, "were always monotonous to the point that most American house pets ate more appetizing food than we did."

One of the points which Capt. Schoeffel particularly wishes to make about treatment of American POWs is that the "news" film which their countrymen watched of their plight on television had been made by a very biased group of "journalists" who in turn told an extremely self-serving story. "I'll never be able to understand," he commented, "how many Americans apparently accepted at face value the filmed reports of the few people — the communists — who had been allowed to visit our camps with cameras."

Doubts Any MIAs Still Alive

Capt. Schoeffel doubts there could be any living MIAs in the hands of the Vietnamese at this time because "the communists felt it was in their interest to no longer retain their POWs. They were willing to let us go in order to stop the bombing."

Released and returned to the United States in March 1973, Capt. Schoeffel readjusted to freedom "pretty easily, a circumstance which was probably helped by the fact that I was a bachelor when shot down."

Eventually, in August 1974, he took command of VA-82 at NAS Cecil Field, Fla., and, one year later, was sent as project officer for studies in Op 96, the division of the office of the Chief of Naval Operations which is concerned with systems analysis.

Capt. Schoeffel's awards include, besides the Purple Heart, the Legion of Merit with gold star in lieu of second award (Combat V), Bronze Star with gold star in lieu of second award (Combat V), Distinguished Flying Cross, two individual Air Medals, 16 "Strike / Flight" Air Medals, two Navy Commendation Medals, the Combat Action Ribbon and the Navy Unit Commendation.

He and his wife, Jane, are the parents of two children, Clay and Anne.

Special week set aside to recognize nation's older workers

The week of March 13 to 19 has been designated as "National Employ the Older Worker Week" by President Jimmy Carter.

The purpose of setting aside this week to honor older workers is to inform all employees of the special contributions older workers make to improving efficiency, as well as to point out some of the discriminatory practices older workers are confronted with in the work force.

A recent survey showed slightly over half the Naval Weapons Centers workforce to be between the ages of 40 and 65. Plans are now under way to present a half-day seminar in May to study the concerns of the older worker.

NWC's EEO Program is gradually incorporating information on the older worker (those between 40 and 65) into the course material presented in its "Human Relations Workshop."

Older workers were the most recent group to be placed in the EEO Program by Public Law 93-259 in 1974.

CIVPAY on way...

(Continued from Page 1)

long as the computer receives the correct inputs.

With the change in pay codes and usage of double alpha premium codes, the Payroll Office requests that employees carefully check their pay and leave (Earnings and Deductions Statement) for the period required to convert systems. Individuals having any doubts as to the accuracy of their pay or leave should contact the Payroll Office immediately by calling NWC ext. 2121.



—Photo by PH2 Terry A. Miles
RECEIVES MEMENTO — Lt. Bud Denton, Fleet liaison officer and project officer for Air Test and Evaluation Squadron Five (VX-5), was the recent recipient of a 1,000 hr. mug that is awarded by the Vought Corp. to pilots who complete 1,000 hours of flying time in the A-7 Corsair. Presentation of this special memento was made by Capt. R. N. Livingston, Commanding Officer of VX-5, during a morning quarters ceremony.



IMPORTANT SERVICE PROVIDED — Margaret O'Drobinak, a reference librarian, assists Dr. Carl Heller, a research chemist with Code 3856, with a subject search at the Technical Library's coordinate index file. Part of the CLIP system, this file is used for short searches or for quick responses not requiring the use of the NWC computer. —Photo by Ron Allen

'Electronic libraries' aid research work...

(Continued from Page 1)

covering virtually all aspects of scientific and technical research, both military and civilian.

At the present time, the most heavily used of these data banks is the on-line service operated by the Defense Documentation Center (DDC), located in Alexandria, Va. This is the Defense Department's primary data bank for both classified and unclassified technical reports, work unit summaries, program planning summaries and independent research and development summaries produced by U.S. military organizations and their contractors. All of China Lake's official publications are sent there for use by other government agencies.

Huge Volume of Material

As an illustration of DDC's extensive holdings, its document collection currently houses over one million items, of which over 835,000 are directly searchable by computer. NWC was the first (1971) West Coast Navy Lab to have remote terminal access to the DDC collection.

In the past year, the Technical Library has added two more on-line retrieval systems covering research and technology in the civilian sector: Lockheed's DIALOG system and Systems Development Corp. (SDC) ORBIT system.

These two systems offer over 70 different data bases for searching on-line. The data bases include all the primary literature sources in chemistry, physics, engineering, geology, environment, energy, management, etc. A complete annotated data base list is available in the library.

So how do these "electronic libraries" work for you, the user?

Start With Reference Librarian

Begin by talking it over with a reference librarian.

You can call NWC ext. 3389 or go in person to the library reference desk. You don't need any special list of key words, just a clear idea of what it is you are looking for.

For example, if you need information about insulation required for the piping of cryogenic gases, a discussion with a reference librarian in Code 2331 will help determine whether CLIP, DDC, ORBIT or DIALOG — one or more — would be the most useful data base system for you.

From your instructions, the librarian will prepare a "search strategy" and translate the questions you are asking into language which the computer will understand. Each data base usually requires a different translation.

Ray Martinusen, a technical information specialist, explains that "search strategies can be as complex or simple as required. If a person has a need, and can express it in any form, we can work with that." The request, says Martinusen, "can be very general — such as information about 'airplane wings' — or as specific as 'the

drag coefficient on the wings of an F-14 at supersonic speeds.'"

Next, the librarian runs the strategy through the on-line terminal which is connected via telecommunications lines to one of the three major search service's computers.

If you should learn at this point that there are 67 technical reports or journal articles available on the subject you requested, the librarian can then print out for you a bibliographic listing of these items, including abstracts. By reading the abstracts, you can determine which of the full reports you require.

When a search is made on the DDC terminal, the full report can usually be provided on the spot, either in hard copy from the library shelves, or from the library collection of DDC reports on microfiche.

When DIALOG or ORBIT is searched, articles from the open literature can be provided from the library journal holdings or can be ordered from another library.

Other Help Available

Searches are not limited to bibliographic uses only. Both DDC and ORBIT carry summaries of work in progress and, in many cases, will indicate who is doing work in a particular field of interest, including phone numbers to call, funding data, and what work has been done in the past.

The library staff soon will begin a program of instruction for NWC personnel on these "electronic libraries" and how to make use of them in their work. There are also plans to add more data bases in the near future.

Happenings around NWC

Tryouts for "Come Blow Your Horn," the second China Lake Players' production of the season, will be held this coming Monday through Wednesday at 7:30 p.m. at the Players' Hut, 405 McIntire St.

This Neil Simon comedy, which will be directed by I. Rudyard Stone, concerns two brothers, one a 33-year-old swinger and the other his 21-year-old brother who comes to live with him.

The attempts of the former to maintain his ambitious social life with a couple of females is further complicated when the mother of the two men, dissatisfied with her home life, also comes to stay.

Further information about the tryouts may be obtained by phoning Stone at 446-3648.

The play is scheduled to be presented on May 12-14 and 19-21.

COM Books Musical Combo

Luba, a versatile musical combo from Los Angeles, will perform for patrons of the Commissioned Officers' Mess from 9 until 11 tonight.

Dinner special for the evening will be a choice of either prime rib or crab legs and claws. Service begins at 6 o'clock.

The COM will celebrate St. Patrick's day Thursday night with a traditional dinner of corned beef and cabbage beginning a 6 p.m. A band will begin playing about 9, and there

Enrollment open in lecture series on varied Navy subjects

Enrollment applications are now being accepted for a lecture series entitled "Everything You Wanted To Know About the Navy but Were Afraid to Ask."

Conference Rm. 1000D in Michelson Laboratory will be the setting for this series of lectures, which will be held on Wednesdays from 9 to 11 a.m. during the period from March 23 through April 27.

Capt. W. B. Haff, Deputy Laboratory Director, and Dr. Roger Fisher, head of the Fleet Support Office, will participate in the first program of the series — a presentation on "The Fleet and Its Support."

Included among the other subjects to be covered are "The Systems Acquisition Cycle," March 30; "Yearly Budget Cycle," April 6; "Block Programming," April 13; "The Navy's Requirements" (classified), April 20; "NWC's 5-Year Plan" and "Other Labs and How We Relate to Them," April 27.

Employees interested in attending one or more of the lectures must submit an enrollment form (indicating on it the lecture they wish to attend) via proper department channels in time for it to reach Code 094 no later than Monday.

will be a magic show at 10 p.m., featuring Piet Paulo, a magician from Las Vegas.

Enlisted Club Dance Set

Framework, a rock band from Los Angeles, will be playing for an Enlisted Club dance tonight from 9 until 2 a.m.

Dinner special for the evening will be stuffed flounder, served between 6 and 8:30 p.m.

Next Thursday the Enlisted Club will celebrate St. Patrick's day with an Irish prime rib dinner, served from 6 to 8 p.m., followed by a floor show featuring Las Vegas magician Piet Paulo.

Cost of the evening is \$6.25 for adults and \$3 for children 12 years of age and under.

Ceramic Show To Be Held

The 26th annual show of the Desert Ceramic Club will be held in the Community Center on Sunday, March 20, from 4 to 8 p.m., and on Monday, March 21, from 10 a.m. to 7 p.m.

Many kinds of ceramic work will be displayed and there will be items for sale. There is no admission charge for the show and the public is invited to attend.

AFGE To Meet Monday

Members of Local 1781 of the American Federation of Government Employees will hold their next monthly meeting on Monday, beginning at 7 p.m., at 65-B Halsey, Ave., China Lake.

Local 1781 is the representative of a unit composed of non-supervisory civilian employees of the Safety and Security Department's Police Division at China Lake.

Sunday Evening Buffet

This Sunday's evening food service buffet at the Chief Petty Officers' Club will begin at 5 p.m. and continue through 7:30.

Persons authorized to patronize this service include not only CPO Club members, but also members of the Commissioned Officers' Mess and official NWC visitors.

'Lamanite Generation' program set March 19 at Center theater

A combination of American Indian, Latin and Mexican American talent will be featured during a 2-hour program called the "Lamanite Generation" that is to be presented at the Center theater on Saturday, March 19, starting at 7 p.m.

Performers of American Indian ancestry from among the student body at Brigham Young University will join their Latin and Mexican-American counterparts in a blending of Indian, Polynesian, Latin and Mexican numbers.

Included will be such contemporary songs as "Cherokee Nation," traditional tribal dances and humorous novelty numbers including a spoof on Indians and cowboys in which the Indians finally win.

Among the present day Indian numbers written by BYU Indian students that will be presented here are "Friendship Fire" and "Go, My Son." The latter is a message for Indian youth, instructing them to get an education and "make your people proud of you."

Since its inception in 1971, the "Lamanite Generation" has participated in 13 separate tours during which the singers and dancers have performed before a combined live audience of more than 239,000 persons. The size of the total national and international television audience that has viewed the group is estimated at 100 million.

Arrangements for the March 19 performance here of the "Lamanite Generation" were made by the Church of Jesus Christ of Latter Day Saints in Ridgecrest.

Tickets priced at \$7 for all members of a single family, \$2.50 for adults, or \$1.50 for enlisted military personnel and young people 18 years of age and under, can be obtained in advance at the Station Pharmacy, or in Ridgecrest at the Medical Arts Pharmacy or the Bird Oldsmobile-Cadillac agency.



INDIAN PERFORMERS HEADED HERE — Three members of the traveling entertainment group from Brigham Young University who will be seen in a local performance of "The Lamanite Generation" on March 19 at the Center theater pose in front of the Never-Never Castle in Disney World, Florida, during a summer tour of the eastern seaboard. On this particular tour, television presentations of this unusual program were seen by an estimated six million TV viewers in Oklahoma City, Chicago, Tampa and Sarasota, Fla.