

Fed'l Service pin awarded

Curtis honored for four decades of employment

A service pin denoting 40 years of Federal service was presented on Dec. 1 to Maurice Curtis, a staff engineer in the NWC Engineering Department, who came to work at China Lake in April 1945, and has remained here ever since.

The 40-year pin was presented to Curtis, a part-time rehired annuitant, by Capt. K. A. Dickerson, NWC Commander, during a ceremony attended by B. W. Hays, Technical Director; Jack Russell and M. K. Pladsen, head and associate head, respectively, of the Engineering Department, and Mrs. Curtis (Betty).

Curtis began his four decades of service with the federal government when he was hired as an associate materials engineer at the Naval Air Station, Alameda, Calif., on Jan. 16, 1942. Soon after, he became head of the Materials Laboratory at NAS, Alameda.

One of the few employees who can recall from personal experience how things were at the Naval Ordnance Test Station (Inyokern) in 1945, Curtis was tasked with the assignment of establishing the Materials Laboratory that was then a part of the Technical Services Department.

Over the intervening years, his steadily growing responsibilities have included serving for two years (1957-59) as head of the Materials Engineering Division—a job in which he had cognizance over such facilities as the standards lab, altitude chamber, non-destructive testing, and X-ray work.

Prior to his retirement in 1973, Curtis was assigned from 1965-73 to the Chief Engineer's Office (one of the posts previously held by NWC's current Technical Director, Burrell Hays).

Among his tasks in the Chief Engineer's Office was ensuring that the design of the



40 YRS. OF FED'L SERVICE—Mrs. Betty Curtis fastens a 40-year Federal service pin onto the shirt worn by her husband, Maurice, as Capt. K. A. Dickerson, NWC Commander, looks on at right.

Solid State Building and later Lauritsen Laboratory were suitable for the purposes for which the buildings were intended.

A seven-month driving trip around Europe followed his retirement from Civil Service. Upon his return, he came back to work as a rehired annuitant and has continued to work as a staff engineer in the Engineering Department since the fall of 1974.

In recent years, he has collaborated extensively with Dan Butler, Michelson Lab coordinator, on the many and varied tasks that fall within Butler's realm of respon-

sibility.

At the present time, Curtis is involved in the massive job of scheduling the installation of new locks, or re-keying existing locks and doors throughout Michelson Lab.

When that task is finished, he is looking forward to having a little more time to himself to spend his retirement years traveling or enjoying the mobile home that he and his wife moved into in Ridgecrest in 1974.

Scenic photography is a hobby that both he and his wife enjoy.

Holiday hours for on-Center business, rec. facilities listed

Most business and recreation facilities on board the Naval Weapons Center will be closed on both Christmas Day and New Year's Day, but special hours of operation will be in effect at some places during this holiday period.

The Center gym and Camping Issue will be open from 12 noon to 5 p.m. on Dec. 24 and 31, and from 11 a.m. to 6:30 p.m. on both Dec. 26 and Jan. 2. Because of renovation work at the gym, those interested in borrowing camping gear are asked to phone before coming in.

The indoor pool at the Center gym will be closed on both Christmas and New Year's Days, but will be open on Dec. 24 and 31 from noon to 1 p.m. for lap swimming, and from 1 to 4 p.m. for open swimming. In addition, the pool will be open on Dec. 26 and Jan. 2 for lap swimming from noon to 1 p.m., and from 1 to 5 p.m. for open swimming.

The China Lake golf course will be closed on Christmas day, but will be open for play from 7 a.m. to 4 p.m. on Jan. 1.

Hours of operation at the bowling alley will be 11 a.m. to 5 p.m. on Dec. 24 and 26; 1 to 9 p.m. on Dec. 25; and 11 a.m. to 10 p.m. from Dec. 27 to Jan. 2.

The Navy Exchange retail store and Minimart have extended their hours of operation until 7 p.m. Tuesday through Fridays until Christmas, and on Saturdays from 9 a.m. to 3:30 p.m. The Minimart also will be open until 7 p.m. on Jan. 1.

NEX offers special merchandise, prices to holiday shoppers

Personnel at the Navy Exchange extend holiday greetings to NEX customers and thanks for their continuing patronage. Special prices on many items will remain in effect until Christmas, and no deposit is required on layaway items purchased in December.

A large selection of premium and plantation Douglas fir trees will be available on the All Faith Chapel lawn today and tomorrow. Trees remaining after tomorrow will be sold at the NEX Mini Mart.

Poinsettias, books, and items from "wishbooks" scattered throughout the store can help complete Christmas gift shopping at reduced prices.

In addition there will be a demonstration of Pentax cameras from 10 a.m. to 2 p.m. on Dec. 23.

Holiday hours at the NEX are 10 a.m. to 7 p.m. Monday through Friday, and Saturday from 9 a.m. to 3:30 p.m.

Breakfast with Santa planned Monday at EM

Santa and Mrs. Claus will visit the Enlisted Mess on Monday morning to have breakfast with the young, and young at heart.

Santa will be available for discussing gift lists, posing for photos, and chatting with visitors from 8 to 9:30 a.m.

The buffet spread will include scrambled eggs, bacon, toast, sweet rolls, orange juice, milk and coffee, at \$2.25 for those 12 years of age and older, and \$1.75 for children under 12 years of age.

Tickets for the buffet breakfast can be purchased at the Community Center.

U.S. Government Printing Office, 1983—No. 57

From: _____

To: _____

PLACE STAMP HERE

Happenings around NWC

UNIX, a highly personalized system for software development, will be the topic at an open meeting of the China Lake Section of the Institute of Electrical and Electronics Engineers (IEEE) on Monday at 11:30 a.m. at the Flight Deck Room of the Enlisted Mess.

A panel of highly qualified computer professionals, each of whom has personal experience as a UNIX user, will discuss the pros and cons of the system. Panelists are Doug Haden, Mary Wirtz and Steve Stuart. Lunch will be from the menu. No advance reservations are required.

HOLIDAY SEASON MATINEES

The NWC theater has scheduled a series of matinees during the Christmas holiday school vacation. Admission is \$1.35 for persons 12 years and older, 50 cents for youngsters 6 through 11 years of age. There is no charge for children under 6 years old.

In addition there will be a free showing of "Rudolph, the Red Nosed Reindeer" on Wednesday, Dec. 21, at 1 p.m. The doors will open at 12:30 p.m.

Regular matinees which will begin at 2 p.m., are: "Cinderella," Tues., Dec. 20; "Trom," Thurs., Dec. 22; "Snow White," Tues., Dec. 27; and "Bambi," Thurs., Dec. 29. The box office will open at 1:30 p.m.

STREET SWEEPING SCHEDULE

Cooperation of NWC housing tenants is necessary to keep streets clear of parked vehicles on street sweeping days. Leaving a vehicle on the street during unauthorized times can result in a citation issued by the China Lake Police Department.

The schedule for street sweeping is Tuesdays from 7:30 a.m. to 4:30 p.m. for the "Hill" area and Site "A" Capeharts, and Thursdays from 7:30 a.m. to 4:30 p.m. for the Site "B" Capehart housing area.

CPO NEW YEAR'S PARTY

Members and guests of the Chief Petty Officer's Club can now make reservations for a New Year's Eve dinner-dance that is set for Saturday, Dec. 31.

A no-host cocktail hour beginning at 6 o'clock will start the evening. Dinner will be served at 7. Tickets priced at \$12.50 per per-

son will include a prime rib dinner, wine, party favors, champagne at midnight, and dancing to "Easy Lovin'" from 9 p.m. to 1 a.m.

Tickets can be purchased at the CPO Club office Monday through Friday from 8 a.m. to 4 p.m.

DINNER-DANCE SET AT COM

Tickets are now on sale for a New Year's Eve dinner-dance on Saturday, Dec. 31, at the Commissioned Officers' Mess.

Dinner will be served from 6 to 9 p.m., with tickets priced at \$15 per person.

Members and guests can dance to the music of "Sunlite," a local band, from 9 p.m. to 1 a.m.

Tickets for the event are available by reservation only, and must be picked up at the COM office before the night of the party to confirm reservations. The deadline for reservations is Dec. 23.

EM PARTY TICKETS ON SALE

Reservations are now being taken at the Enlisted Mess for a New Year's Eve party on Saturday, Dec. 31.

The evening will begin with dinner, which will be served from 6 to 8:30 p.m. In addition to the regular menu items, dinner will feature prime rib for \$9 per person.

All authorized personnel and their guests are invited to dance from 9 p.m. to 1:30 a.m. to the music of "Always Something," a female band from Los Angeles.

For those who celebrate a little too much at the party, free rides home will be provided by special services.

Reservations can be made at the EM office Monday through Friday from 8 a.m. to 4 p.m.

YULE DANCE AT COLLEGE

The Associated Students of Cerro Coso Community College will sponsor a Christmas dance to be held Wednesday, Dec. 21, from 9:30 p.m. to 1 a.m. in the Campus Center.

Free refreshments will be provided. Admission prices are \$3 for the general public and \$2 for ASCC cardholders.



NAVAL WEAPONS CENTER
CHINA LAKE
CALIFORNIA

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Kit Skaar Award established to recognize important role played by Firing Officers in NWC project work

On Tuesday afternoon, a very surprised Kit Skaar was presented by Bill Porter, NWC Test and Evaluation Director, with one of the first two Kit Skaar Awards that recognize the Center's most outstanding Firing Officers.

The Kit Skaar Award was named for Skaar because he spearheaded the development of the Firing Officer Program while he served as head of the Safety Department prior to his retirement.

The second recipient of the new, Center-wide award, was Edmund J. Regan, a supervisory aerospace engineer in the Ballistics Test Branch of the Range Department, who was presented his award by Capt. K. A. Dickerson, NWC Commander. Regan was recognized as the most outstanding Firing Officer of the decade.

The Kit Skaar Award consists of a wooden base topped by a miniature bomb with an insert safety fuze. Engravings on the award note the recipient's name, primary test-related mission, the Commander's signature, and date of the award. The award also includes a stipend and a letter of commendation from the Commander, NWC.

The ceremonies at which the Kit Skaar Awards were presented marked the conclusion of the first decade of the NWC Firing Officer Program. During this 10-year period not a single instance of death or injury occurred in any operation for which a Firing Officer was responsible.

As Capt. Dickerson pointed out in his opening address at the gathering, this outstanding safety records ranks among the best in the Navy for similar types of operations.

The Skipper continued by noting that the final authority for the decision as to whether it is safe to continue an operation rests on the Firing Officer, regardless of whether the operation is a relatively small laboratory experiment, a routine material disposal burn or one of the largest of test operations.

The Firing Officer Safety Program was initiated by Skaar in 1973 in response to Highly successful CFC fund drive ends; total hits \$169,301

Despite the exceptionally short campaign time of less than a month, the Combined Federal Campaign this year at NWC proved an outstanding success—a total of \$169,301.20 was collected in pledges and cash.

This is the second highest amount ever given by China Lake military and civilian personnel to the Combined Federal Campaign, exceeded only by the \$180,147.64 given last year.

While only 37.5 percent of China Lake personnel donated this year, in comparison to the 45 percent who gave in 1982, those who gave were more generous than ever, donating an average of nearly \$84 each. Last year's average donation was \$78.

The coordinators for the drive, Loretta King and LCdr. Jim Tankersley, thank the key personnel who worked so hard to contact everyone in their respective departments, and also thank all the contributors for their generosity.

"The need is great," says Mrs. King, "and I believe that one of the reasons that the drive was so successful is that donors had 127 agencies from which they could choose as the recipients of their gift."

series of accidents during firing operations that culminated in an incident in which two Center employees were killed during a firing operation.

The program defined the duties, responsibilities, and selection criteria for Firing Officers; developed requirements for the design, implementation and operation of safe firing facilities; and established training for Firing Officers and related personnel.

Firing Officer training consists of attendance and successful completion of a class and on-the-job training. A total of 16 classes have been taught during the past decade; classes are offered on an as-needed basis.

All Firing Officer candidates are then reviewed by departmental certification boards before being appointed to a specific function or area by the appropriate department head. The appointee must be recertified annually as a Firing Officer.

The responsibility and importance of these individuals was emphasized by Porter in his closing remarks at the ceremony. He noted that no task at NWC requires a high level of risk because adequate planning, a

Lloyd gets Tech Director Award for outstanding effort in Gov't-Industry Data Exchange Program

To the ranks of outstanding NWC employees who have received the Technical Director's Award this week was added the name of Ronnie R. Lloyd, an engineering data management specialist in the Reliability Engineering Branch of the Engineering Department's Product Assurance Division.

The presentation by B. W. Hays took place in the conference room of the Engineering Department office in Michelson Laboratory. The ceremony was attended by Capt. K. A. Dickerson, NWC Commander; Gerald Schiefer, Deputy Technical Director; Richard Lorraine and Flynt Jacobs, division and branch heads, respectively, of the honoree; Lloyd's wife, Joyce, and a roomful of his co-workers.

Lloyd was chosen to receive the Technical Director's Award in recognition of his outstanding efforts as manager of NWC's Government-Industry Data Exchange Program (GIDEP).

GIDEP is a means of exchanging technical data between contractors and government activities in the Department of Defense. It is essentially a library of technical information that is available for dissemination to government activities/contractors upon request.

Lloyd, who was selected in 1979 as manager of GIDEP, was presented an engraved paperweight, a letter of commendation, and a stipend that accompanies this special form of a Superior Achievement Award.

The 4 percent pay increase for military personnel includes basic pay, basic allowance for quarters, and basic allowance for subsistence.

The increase in military pay will show up on paychecks to be issued on Friday, Jan. 13.



SKILLS REWARDED—Bill Porter, NWC Test and Evaluation Director, (l.), and Capt. K. A. Dickerson, NWC Commander, show their pleasure in having presented the Kit Skaar Award recognizing outstanding Firing Officers to Kit Skaar and Edmund J. Regan. Skaar received the award (which he and Regan are holding) for his work in developing the Firing Officer Program at NWC, and Regan was honored for being the outstanding Firing Officer of the decade.

Photo by PHAN Rebecca Gill

willingsness to innovate, and a thorough review of all hazardous operations, combined with skillful and effective conduct of the operations, eliminate the need for risk to personnel or facilities.

The added that just as the Center is a leader in research and development, thanks to the good work of the Firing Officers, it is a leader in safety as well.

Those present for the ceremonies also were shown a new videotape describing the Firing Officer Program and the functions of Firing Officers.

The Kit Skaar Award will be presented annually on the basis of nominations made by individual departments.

Skaar was selected to be an initial recipient of the award for his work in defining and establishing the program when

Civilian, military pay raises will go into effect in Jan.

Pay raises for both Civil Service employees and military personnel will go into effect in January.

For Civil Service workers this means a 3.5 percent increase over the amount they currently are receiving either as participants in the Demonstration Project or under the General Schedule (GS) pay scale.

The pay raise for civilian workers will become effective on Jan. 8, and the increase will show up on paychecks for the pay period ending on Jan. 28.

A slightly higher pay raise of 4 percent will go into effect on Jan. 1, 1984, for military personnel. The only exceptions to this are E-1s with less than four months' service, who will receive no pay raise, and top-ranking officers, who will be limited to \$5,499.90 per month by the Level V Executive Schedule ceiling.

The 4 percent pay increase for military personnel includes basic pay, basic allowance for quarters, and basic allowance for subsistence.

The increase in military pay will show up on paychecks to be issued on Friday, Jan. 13.

MOVIES

(G) ALL AGES ADMITTED
General Audiences
(PG) ALL AGES ADMITTED
Parental Guidance Suggested
(R) RESTRICTED
Under 17 requires accompanying Parent or Adult Guardian

Regular starting time 7:00 p.m.

FRIDAY	"JAWS III"	DECEMBER 16
	Starring Dennis Quaid and Bess Armstrong (Drama, RATED PG, 90 min.)	
SATURDAY	"GANDHI"	DECEMBER 17
	Starring Ben Kingsley and Candice Bergen (Biographical, rated PG, 191 min.)	
SUNDAY	"APPLE DUMPLING GANG"	DECEMBER 18
	Starring Bill Bixby and Susan Clark (Comedy, rated G, 101 min.)	
MONDAY	"HEARTACHES"	DECEMBER 19
	Starring Margot Kidder and Annie Potts (Comedy/Drama, rated R, 92 min.)	
WEDNESDAY	"DANGEROUS SUMMER"	DECEMBER 21
	Starring Tom Skerritt and Ian Gilmour (Comedy, rated PG, 90 min.)	
FRIDAY	"PRIVATE SCHOOL"	DECEMBER 23
	Starring Phoebe Cates and Sissy Russell (Comedy, rated R, 89 min.)	
MONDAY	"ANNIE"	DECEMBER 26
	Starring Aileen Quinn and Albert Finney (Musical/Comedy, rated PG, 127 min.)	
WEDNESDAY	"COLD RIVER"	DECEMBER 28
	Starring Suzanne Weber and Pat Petersen (Adventure/Drama, rated PG, 92 min.)	
FRIDAY	"MR. MOM"	DECEMBER 30
	Starring Michael Keaton and Teri Garr (Comedy, rated PG, 99 min.)	

HOME DECORATION CONTEST

The Housing Division once again will be selecting the best holiday-decorated house and yards at China Lake on Monday.

Three winners will be chosen, and each will receive a coupon good for dinner for two at the Chief Petty Officers' Club or the Enlisted Mess. Announcement of the winners will be made next week.

**PEACE
GOOD WILL
TOWARD
MEN**

**SPECIAL
FAMILY
SERVICES**

CATHOLIC CONGREGATION

Mass Schedule

Saturday, Dec. 24, Carol Singing 9:30 p.m.
 Saturday, Dec. 24, All Faith Chapel 10 p.m.
 Sunday, Dec. 25, All Faith Chapel 8:30 a.m.
 Dec. 28, Dec. 29, Dec. 30, All Faith Chapel 11:35 a.m.
 Sunday, Jan. 1, All Faith Chapel 8:30 a.m.

CONFESSIONS

Tuesday, Dec. 20, Communal Penance Service..... 7:30 p.m.
 Friday, Dec. 23 4 to 5 p.m.

There will be no confessions prior to any of the holiday masses

PROTESTANT CONGREGATION

Sunday, Dec. 18, Sunday School Christmas Program 7 p.m.
 Saturday, Dec. 24, Candlelight Communion Service, All Faith Chapel 7 p.m.
 Sunday, Dec. 25, All Faith Chapel 10 a.m.

**GOOD WISHES
AT CHRISTMAS**

Now that the holiday season is here, our thoughts are drawn toward a time of peace and rejoicing. With this in mind, it is our sincere wish that the people of the Naval Weapons Center have a joyous holiday and a happy New Year.

In 1983, the Center observed the anniversary of 40 years of outstanding accomplishments. Let us all resolve to make 1984 the beginning of 40 more equally successful years.

During the past year there have been many changes in plans involving the Center, and more changes are to come in the years ahead. We are grateful to all the people, military and civilian, who have contributed to our mission at the Center. It has been with a high degree of professionalism and accomplishment that our many challenges have been met. Your efforts are recognized and appreciated.

We hope that you and your families will enjoy the holiday season and may the new year bring peace and happiness to all.

Capt. K. A. Dickerson, USN
NWC Commander

Burrell Hays
Technical Director

RC disaster program volunteers sought

Anyone who would like to volunteer to assist the American Red Cross in disasters occurring locally (or would like to learn more about Red Cross plans and programs for such disasters) is invited to attend an open staff meeting to be held in the Red Cross Office, 1811 Lauritsen Road, on Tuesday, Jan. 3, at 7:30 p.m.

For more information, telephone RLee Peters, NWC ext. 2391, or 375-3171.

The Rocketeer

Official Weekly Publication
Naval Weapons Center
China Lake

Captain K.A. Dickerson
NWC Commander

B. W. Hays
Technical Director

Dennis Kline
Public Affairs Officer

Don R. Yockey
Editor

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Associate Editor

PHAN Rebecca Gill
PHAN Greg Hogan
Staff Photographers

News Stories deadline Tuesday, 4:30 p.m.
 Photographs Tuesday, 11:30 a.m.

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Promotional opportunities

Applications (Standard Form 171) should be put in the drop box at the Reception Desk of the Personnel Dept., 505 Blandy. Unless otherwise specified in an ad, applications for positions listed in this column will be accepted from current permanent NWC employees only. All others desiring employment at NWC may contact the Employment Wage & Classification Division, Code 992 Ext. 2264. Ads will run for one week and will close at 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ad. Advertising positions in the Promotional Opportunities column does not preclude the use of alternative recruiting sources in filling these positions. The filling of these positions through Merit Promotion is subject to the requirements of the DoD Program for the Stability of Civilian Employment. The minimum qualification requirements for 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 supplemental qualifications requirements that may be necessary. For managerial/supervisory positions, consideration will be given to applicant's support of the Equal Employment Opportunity programs and objectives. Applicants must meet time in grade and qualifications requirements by the closing date of the ad. The Naval Weapons Center is an Equal Opportunity Employer; selections are made without discrimination for any nonmerit reason.

Announcement No. 34-019, Writer/Editor DA-1082-1, PAC No. 8334618N39, Code 3412 — This position is located in the Editing Branch, Publications Division, Technical Information Department. The incumbent writes and/or edits technical and administrative reports, articles, and brochures; coordinates phases of the publication process; gathers and organizes technical information; and uses test processing equipment. **Job Relevant Criteria:** Ability to interface effectively with all levels of Center personnel; ability to analyze data; ability to gather and organize technical information; knowledge of publishing techniques; and skill in editing. The incumbent must have a bachelor's degree or equivalent training and experience. Promotion potential to DA-3. Promotion is not guaranteed.

Announcement No. 34-018, Supervisory Visual Information Specialist DP-1064-3, PAC No. 8334522E99, Code 3463 — This position is head, Video Projects Office, located in the Technical Information Department. The incumbent is responsible for managing or coordinating one or more of the following areas: technical and management video presentations for sponsors and Center employees, special communication programs involving video technology, video equipment/technique recommendation services, audio/visual/videotape duplication/transfer, and videotape archives. Employees with demonstrated experience communicating technical information in such fields as photography, audio-visual production, television production, motion picture production, and visual information are encouraged to apply. **Job Relevant Criteria:** Ability to visually communicate technical information; knowledge of TID functions; ability to communicate effectively both orally and in writing; ability to supervise and provide leadership; ability to implement and administer management policies; ability and willingness to support NWC EEO policies and goals.

Announcement No. 35-218, Multidisciplinary Electronics Engineer, Mechanical Engineer, Program Manager, General Engineer, Physicist, DP-855, 830, 340, 801, 1310-3, PAC No. 8335747E, Code 3543 — This position is in the Countermeasures Branch, Microwave Development Division, Electronic Warfare Department. The incumbent will be the TPS Project Engineer and will manage the Threat Radar Simulator (TPS) Update portion of the Threat Radar Simulator/Threat Platform Simulator (TPS) subsystem of the Range Electronic Warfare Simulator (REWS) program. The TPS Update project will develop/acquire and integrate computers, software, low power wave form generators, high power TWT and magnetron transmitters, antennas and pedestals into a radar simulator subsystem. These subsystems will be deployed at several fleet training facilities. The TPS Project Engineer will be responsible for establishing TPS Update requirements, formulating a baseline program plan, and implementing that plan. The TPS project engineer must maintain close coordination between the user and the TPS engineering development team. **Job Relevant Criteria:** Experience in the development of RF/EW systems as a project or systems engineer; knowledge and experience with high power TWT or magnetron radar simulator systems.

Announcement No. 35-217, Electronics Engineer, DP-855-3, PAC No. 83358524E, Code 3543 — This position is located in the Countermeasures Branch, Microwave Development Division, Electronic Warfare Department. The incumbent will lead the electronics design effort, supervised by the project engineer, for the Threat Radar Simulator (TRS) subsystems of the Range Electronic Warfare Simulator (REWS) project, defining the interface requirements between and design hardware for TRS equipment groups to a computer system computer as well as TRS equipment groups and low-power modulator to high-power amplifier; select and integrate a computer-controlled RF modulator; design and integrate automatic test equipment to monitor and compare TRS signal parameters and isolate malfunction.

Announcement No. 33-045, Electronics Engineer, DP-855-1/2, Code 3337 — This position is located in the Short Range Missile Fuze Branch. The incumbent plans and directs static and dynamic field tests including data reduction for the EX-412 Target Detector program. Tests will include sea surface measurements at Scripps Institute and the Navy tower off the coast of San Diego. **Job Relevant Criteria:** Ability to plan and direct field tests. Knowledge of data acquisition and reduction. Experience with infrared detectors is desirable.

Announcement No. 33-042, Electronics Technician, DP-854-2/3, Code 3313 — This position is in the Radio Frequency Branch of the Fuze and Sensors Department. The incumbent will operate the branch's antenna range. This will include the setup of test antennas, hookup of proper transmitter and receiving instrumentation, and recording of antenna pattern data. Calibration and proper hookup procedures will be essential to the accuracy of the recorded data. The range is equipped with an automated (computer controlled) control and data acquisition system which is used for total calibration, measurement, and recording of antenna patterns. Manual control is also required. **Job Relevant Criteria:** Manual control is also required. The incumbent must have completed training in electronic and RF fundamentals and have at least two years of experience with RF measurement instrumentation. A strong background in RF theory and analysis is desired. Must be able to operate a computer controlled instrumentation; have ability to use hand and power tools and do normal lifting. Must be able to work independently with only general directions provided by engineers. Promotion potential to DP-3 level. Previous applicants need not reapply.

Announcement No. 35-032, Contract Intern, DA-301-1, PAC No. 8325574N, Code 25243, (Multiple vacancies) — These positions are an entry level/bridge positions into the 1102 (Contract Specialist) career field and has potential to the DP-3. They are located in the Contracts Branch, Contracts Division, Supply Department. Incumbents are under close supervision of a senior contract specialist and provided with progressively responsible experience in analyzing proposed contract actions, developing pre-award contract packages, negotiating with contractors, awarding, and administering a wide variety of contract actions. Experience will be gained in all facets of government R&D contracting including delivery order

Training class

To enroll in the following classes students should submit NWC Training Request and Authorization Form 12410 73, via department channels, to reach code 894 before the deadline listed. If handicapped indicate need for first floor room location on training request.

Introduction to Supervision, Jan. 9 to 13, from 8 a.m. to 4 p.m., at the Training Center, by Office of Personnel Management Staff. Enrollment deadline, Dec. 23.

Positive Power and Influence Seminar, Feb. 14 to 16, from 8 a.m. to 4 p.m., at the Training Center, by Sam Campbell and Associates. Enrollment deadline, Dec. 23.

Effective Planning Techniques, Jan. 30 to Feb. 3, from 8 a.m. to 4 p.m., at the Training Center, by Office of Personnel Management Staff. Enrollment deadline, Jan. 13.

Financial Management for New Supervisors, Jan. 30, from 8 a.m. to 11:30 a.m., at the Training Center, by Gale Poppen, Code 083. Enrollment deadline, Jan. 16.

The Secretary as a Professional, Feb. 1 to 3, from 8 a.m. to 4 p.m., at the Training Center, by Marian King Drops of Professional Career Center. Enrollment deadline, Jan. 17.

DIVINE SERVICES

PROTESTANT

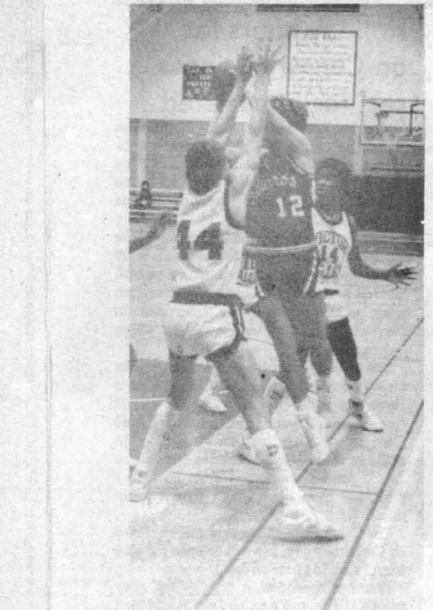
Sunday Worship Service	1000
Sunday School (Annexes 1, 2 & 4)	0830
Bible Study (East Wing, Wednesdays)	1130-1230

ROMAN CATHOLIC

Sunday Mass	0830
Daily Mass (except Sunday)	1135
Confessions	1630-1700 Friday 0745-0815 Sunday
Religious Education Classes (Annexes 1, 2 & 4)	1000 Sunday

JEWISH

Friday (East Wing)	1930
Sunday (Annex 95, as announced)	1930



DRAW A CROWD — Daniel Means (No. 12) draws two defenders most of the time when he gets his hands on the ball. Those closing in on the ace guard for Burroughs are Tony Miller (No. 44) and Mike Stewart (No. 14) of Victor Valley.

Top teams lose, but Elks Lodge retains Premier League lead

The standings remained unchanged following Monday night's action in the Premier (scratch) League when the top three teams in the league all lost their individual matches.

The Elks Lodge continues to hold a skimpy 1-point lead over the Raytheon Sidewinders, while the Thrifty Wash keggers are in third, 7 points off the pace.

High team game was the 1024 rolled by the Sport Shack, with the high team series (2863) being registered by the Hideaway.

Four bowlers, led by Earle Roby's 663, came up with triple 200 series. Roby had single game totals of 225, 225 and 213. Others were Pat Nalley, 670 on games of 221, 215 and 234; Ron Williams, 630 on games of 204, 215 and 211; and Sam Schoenhals, 630 on three games of 210 each.

In addition to those already mentioned, other Premier League bowlers with individual series over the 600 mark were Brad Royer (651) and Hub Zimmerman (610).

Those with single game scores of more than 220 were Thad Brightwell (245), Royer (232 and 228), Paul Lewis (224), Terry Ward, Ray Freascher, Leon Watson and Jack Brown (223), and George Bowles (222).

Burros varsity boys lose tourney tilt Tues. at La Canada

Traveling to La Canada on Tuesday night, the BHS boys' varsity basketball team came out on the short end of a 57-55 final score in a game played with La Crescenta in the first round of play in the La Canada Tournament.

The Burros dominated the first two quarters of play and led 27-21 at the halftime intermission. The Ridgecrest team never trailed until 3:14 of the final period, when La Crescenta nudged ahead for the first time in the contest.

The Burros made their opponents work hard for the win as, trailing by 2, with 13 sec. showing on the scoreboard clock they intercepted a pass but then turned the ball over on an inbound pass before they had a chance to get off a shot.

Daniel Means and Monty Zarlengo were top scorers for the Burros with 17 and 12 points, respectively. The game's high point man was Harvey Mason, an agile guard for La Crescenta, who tallied 26 points on 9 field goals and 8 free throws.

Intramural Basketball League results reported

During the first week of play between hoopsters competing in Division A of the Intramural Basketball League, the Lakers (a.k.a. NWC varsity) and the Golden Corral emerged as the teams to beat.

The Lakers, led by the 18-point scoring effort of Phil Patton, defeated the Pioneers 58-53, while the Golden Corral squad knocked off the Dispensary cagers 72-52.

The Lakers, who led by a score of 24-18 at halftime, fell behind by 15 points during a rally by the Pioneers that was sparked by Jeff Jenkins, but then came back to win the game by a 5-point margin.

Leading scorers for the Lakers, in addition to Patton, were Darren McPherson and Otis Fisher, who tallied 12 and 11 points, respectively. Jenkins was tops for the Pioneers with 14.

The Golden Corral vs. Dispensary game was close at the half, with the Corral leading by just 3 points (32-29). In the second half, however, the Golden Corral got rolling and drew ahead by 20 points to win, going away, by a final score of 72-52.

High point man was Patterson, who tallied 15 in a losing effort for the Dispensary team. Reeder led the Golden Corral cagers with 13 points.

The All Stars, a military team entered in Division B of the Intramural Basketball League, look like the powerhouse squad in this division, after mangling CRCL 1st Federal/Baskin-Robbins 74-28 last week. Dan Whittenberg's 23 points were tops for the All Stars, while Zissos led Baskin-Robbins with 11.

Results of other Division B contests during the first week of Intramural Basketball League play were Simutech Turtles 51, Poochies 29; Athletes in Traction 45, Ford Aerospace 27; Zephyrs 41, Butler Vending 36; Artesians 38, Zephyrs 27; and Butler Vending 36, Ford Aerospace 29.

The Simutech Turtles built up a 25-9 first half lead over the Poochies and then coasted to a 51-29 victory.

Athletes in Traction were led by the 13 points of Higgins in their 45-27 win over Ford Aerospace.

A 14-point scoring effort by Connell paced the Zephyrs to a 41-36 victory over the Butler Vending team, whose top scorer was Nolan with 11.

Just one player, Rich Clodd, who had 12 points for Butler Vending, broke into the double-figure scoring column in Butler's 36-29 win over Ford Aerospace.

Promotional opportunities

(Continued from Page 2)

processing, cost plus fee contract administration, and ADPE contracting. **Job Relevant Criteria:** Knowledge of business practices; ability to meet and deal effectively with people; ability to analyze facts, alternatives and problems and make decisions based on this analysis; ability to speak and write effectively; ability to prioritize and process in an orderly manner multiple tasks simultaneously. Status eligible may apply.

Announcement No. 08-051, Budget Analyst, DA-540-1, PAC No. 830484N, Code 0832 — This position is located in the Budget Division, Office of Finance and Management. The incumbent provides services to one or more of NWC's operating departments. Incumbent is responsible for all phases of budget execution, formulation, control and monitoring to direct, overhead and capital budgets. **Job Relevant Criteria:** Ability to gather and analyze raw financial data; ability to prepare clear and concise written and oral communications; ability to deal tactfully and effectively with others. Promotion potential to DA-2. Status eligible may apply.

Announcement No. 08-049, Budget Clerk, GS-561-3/4, PD No. 7708408N, Code 0833 — This is a part-time position, working 20 to 32 hours per week. This position is located in the Office of Finance and Management, Budget Division, R&D Budget Branch. Depending on grade of selection, the incumbent will be a trainee, a junior clerk or assistant to provide assistance and backup to Budget Analysts and assigned F.M.A. Incumbent maintains department fiscal files, changes status of job orders, reviews and corrects erroneous labor and material charges, prepares journal entries, processes corrections of accounting data, coordinates telephone bill processing, and answers numerous queries for fiscal information and other budgetary duties depending upon level of selection. **Job Relevant Criteria:** Interest and aptitude in working with figures; interest in the purpose and effect of prescribed procedures; and knowledge of Navy or NWC accounting and/or budgetary process. Status eligible may apply. Promotion potential to GS-4.

Announcement No. 08-050, Budget Assistant, GS-541-5, PD No. to be assigned, Code 0833 — This is a part-time position, working 20 to 32 hours per week. This position is located in the Office of Finance and Management, Budget Division, R&D Budget Branch. Depending upon the grade of selection the incumbent will be a trainee, a junior clerk, or assistant and will provide assistance and backup to a Budget Analyst and assigned F.M.A. Incumbent maintains department fiscal files, changes status of job orders, reviews and corrects erroneous labor and material charges, prepares journal entries, processes corrections of accounting data, coordinates telephone bill processing, and answers numerous queries for fiscal information and other budgetary duties depending upon the level of selection. **Job Relevant Criteria:** Interest and aptitude in working with figures; interest in the purpose and effect of prescribed procedures; and knowledge of Navy or NWC accounting and/or budgetary process. Status eligible may apply. Promotion potential to GS-4.

Announcement No. 08-048, Accounting Technician, GS-525-4/5/6, PD No. 7900859N, Code 08422 — This position is located in the Office of Finance and Management, Accounting and Disbursing Division, Cost Accounting Branch. The incumbent is a specialist in the control and maintenance of cost accounting records and subsidiary ledgers for the Major Contracts Section. **Job Relevant Criteria:** Interest and aptitude in working with figures; ability to maintain a high level of accuracy in work requiring close attention to detail; interest in the purpose and effect of prescribed procedures; initiative in questioning unusual actions or in obtaining information to support or verify questionable actions; demonstrated analytical ability in interpreting and applying a body of regulations and procedures under varying conditions; substantial responsibilities for verifying the accuracy and completeness of data in source and supporting documents or reports for tracing and correcting discrepancies; and ability to reconcile records maintained with related accounting data.

Announcement No. C-42-37, Photographer (Science & Technical), DT-1040-2, PAC No. 8342576N, Code 4214 — This position is located in the Warhead Test Branch, Ordnance Test and Evaluation Division, Range Department. Duty is to participate in ordnance test planning from the standpoint of providing the greatest variety of photographic test coverage. Complexity of tasks vary from ultra high speed photography to project presentation and may require modification of equipment to accomplish desired results. Duties also include scientific motion picture and still photography and analytical assessment and editing. **Job Relevant Criteria:** Experience in high speed scientific and engineering photography including documentary coverage, editing, and photo instrumentation; a workshop knowledge of ordnance terms; through knowledge of photographic equipment. Promotion potential to DT-3. Status eligible may apply.

Announcement No. 25-033, Purchasing Agent, GS-1105-4/7, PD No. 8325043, Code 2422 — This position is located in the Purchase Branch, Contracts Division, Supply Department. The incumbent is responsible for the purchase of a wide range of services in support of the research and development mission of the Center. Must negotiate with

This office is responsible for creation of an Information Management System for the Public Works Department. This system will be designed to meet all of the management needs of the department while, at the same time, providing all of the needed communications capability needed to transfer required data between the Code 24 system and the Corporate Database. The incumbent will become the technical lead for all scopes of this project; databases, programming, communications, equipment selection, trade-off studies, and ADP procurement. The incumbent will participate in the decision making process to determine the best method of implementing the system. **Job Relevant Criteria:** Ability to analyze problems, determine solutions, and to communicate these solutions to the Program Manager and the Department Staff; knowledge of data communications methods and hardware; knowledge of good programming practices and documentation standards.

Announcement No. 24-087, Security Clerk, GS-303-4/5, PD No. 8226010N, Code 2422 — This position is that of clerk located in the Visitor Security Branch of the Visitor and Internal Security Division of the Safety and Security Department. Incumbent implements the administrative and technical requirements for the Foreign Visitor program. Incumbent applies security policies in carrying out the processing of foreign visitors. **Job Relevant Criteria:** Knowledge of personnel security procedures; knowledge of personnel security instructions and regulations; knowledge of restrictions and agreements between the U.S. and other countries for processing foreign visitor clearance; ability to work independently; ability to communicate effectively with people.

Announcement No. 34-93, Engineering Data Technician, GS-303-4/5/6, PD No. 8126030N/8126924N, Code 3451 — This position is located in the Data Acquisition and Control Branch, Technical Data Division, Engineering Department. The branch provides data planning and configuration services, including identification, preparation, acquisition and administration of Center program data requirements. The incumbent will receive training to develop the basic skills needed for data and configuration management work. **Job Relevant Criteria:** Ability to read, comprehend, and apply written material; ability to learn new procedures; ability to make decisions and accept criticism; ability to effectively communicate both orally and in writing; ability to work without close supervision. Status eligible may apply.

Announcement No. 23-019, Contract Representative, GS-942-45, PD No. 8323014N, Code 232 — This position has promotion potential to GS-4. This position is located in the Health Care Administration Service of the Navy Regional Medical Clinic, Branch Clinic — China Lake. The incumbent serves as the Health Benefits Advisor providing counseling to eligible beneficiaries; assisting CHAMPUS applicants in preparing required forms and documents; and explaining the Health Benefits Program to various groups. **Job Relevant Criteria:** Ability to communicate orally and in writing; the ability to understand and apply a body of rules and regulations relating to specific cases; and knowledge of basic medical terminology. Applications will be accepted from status eligibles.

Secretarial opportunities

This column is used to announce secretarial positions for which the duties and job relevant criteria are generally similar. Secretaries serve as the principal clerical and administrative support in the designated organization by coordinating and carrying out such activities. Secretaries perform numerous tasks which may be dissimilar. Positions at lower grades consist primarily of clerical and procedural duties and, as positions increase in grades, administrative functions become predominant. At the highest levels of secretaries apply a considerable knowledge of organization, its objectives and lines of communication. Depending on grade level, typical secretarial duties are implied by the job relevant criteria indicated below.

Unless otherwise indicated, applicants will be rated against the job relevant criteria indicated below. A supplemental form is required and may be obtained at Room 100 in the Personnel Building. **Job Relevant Criteria:** Ability to perform receptionist and telephone duties; ability to review, control, screen and distribute incoming mail; ability to review outgoing correspondence; ability to compose correspondence and/or to prepare non-technical reports; knowledge of filing systems and files management; ability to meet the administrative needs of the office; ability to train clerical personnel and organize workload of clerical staff processes; ability to plan and coordinate travel arrangements; ability to maintain and coordinate supervisor's calendar and to arrange conferences.

Announcement No. 08-035, Secretary (Typing), GS-318-Code 03 — This is an intermittent position located in the Office of the Laboratory Director and provides support to that office.

Announcement No. 00-026, Secretary (Typing), GS-318-4, Code 01A1 — This position supports the ADP Resources Management Office. Promotion potential to GS-5.



NWC varsity cagers lose return match to Barstow Marines

The NWC varsity basketball absorbed an 88-77 defeat in a rematch with the Barstow Marines played last Saturday on the winning team's home court.

For the first time in the Navy team's experience, a game was played with a 30-sec. shot clock being used. This required the team with the ball to get off a shot at the basket within 30 sec., or turn the ball over to the opposing squad.

According to Roger Menard, coach of the China Lakers, the NWC varsity was unable to slow the game down to a pace better suited to its style of play, and the Marines poured on the steam and ran away with the game.

Although the NWC varsity won the first encounter between these two teams that was played here on Dec. 3, the local hoopsters found themselves trailing 43-31 at halftime in last Saturday's game, and were down by 11 points (88-77) at the final buzzer.

The Barstow Marines were led in the scoring department by B. J. Potts, who ripped the net for 30 points; Melvin Hill, 6 ft., 7 in. center, who tallied 27, and Ferguson with 11.

The game's high point man was Otis Fisher, of the NWC varsity who had 31 points. Also in the double-figure scoring column for the Navy team were Phil Patton with 21, while Jeffrey Jenkins tallied 9, Kevin Williams and Basil Robinson scored 6 each, and Joe Parrie chipped in 4 for the China Lakers.

In the scoring assist department, Jenkins led the NWC varsity with 15, followed by Parrie with 10, and Robinson with 8. In addition, Patton was credited with 5 assists, and Fisher and Williams contributed 4 and 3 each.

Meet your

NWC varsity basketball team

Darren McPherson, a mess cook at the Enlisted Dining Facility, is currently involved in his first season of play as a member of the NWC varsity basketball team.

A Navy man for one year, McPherson was transferred here last May from the Naval Training Center in San Diego.

Before enlisting in the Navy, he played basketball for three years at New Bedford High School in his home town of New Bedford, Mass.

McPherson, who was unable to make it to Barstow for the return match last Saturday between the NWC varsity and the Barstow Marines, tallied 24 points in the first game between these two teams.



Darren McPherson

Burroughs boys win at home over Victor Valley

After losing two games on the road, the Burroughs High School boys' varsity basketball team returned to the friendly confines of the local high school gym to post a 57-48 win over Victor Valley last Friday night.

The visitors from Victor Valley, defending

champions of the San Andreas League, lacked the total team strength of the Burros, but did have a standout performer in Kurt Story, their 6 ft., 5 in. center.

Story scored 10 of his team's 12 points in the first quarter, which ended in a 12-12 tie, but adjustments made on defense by the Burros

hampered his efforts after that.

The Burros broke the 12-12 tie by scoring the first three baskets in the second period of play and went on from there to build up a 9-point lead of 31-22 at the half.

Daniel Means, stellar guard for the Ridgecrest team, pumped in 6 points in the first quarter and 4 more in the second period. The Burros' second quarter charge was sparked as well by Allan Celestine, who came off the bench to rack up 6 points.

The Burros had their quota of team fouls with a little more than 2 min. played in the second quarter, but a tight defense by the defending Golden League champs held the Jackrabbits from Victor Valley to just 3 field goals in the second period and they also picked up 4 points at the free throw line.

Scoring totals were 16 each for both teams in the third quarter, and 10 apiece in the final period of play, giving the Burros a 9-point lead 57-48 at the final buzzer.

In the closing minutes of the third quarter, the Burros, who built up a 13-point lead of 44-31, committed their fifth team foul of the second half and free throws coupled with field goals by Tony Evans cut the BHS lead to 9 as the fourth quarter began.

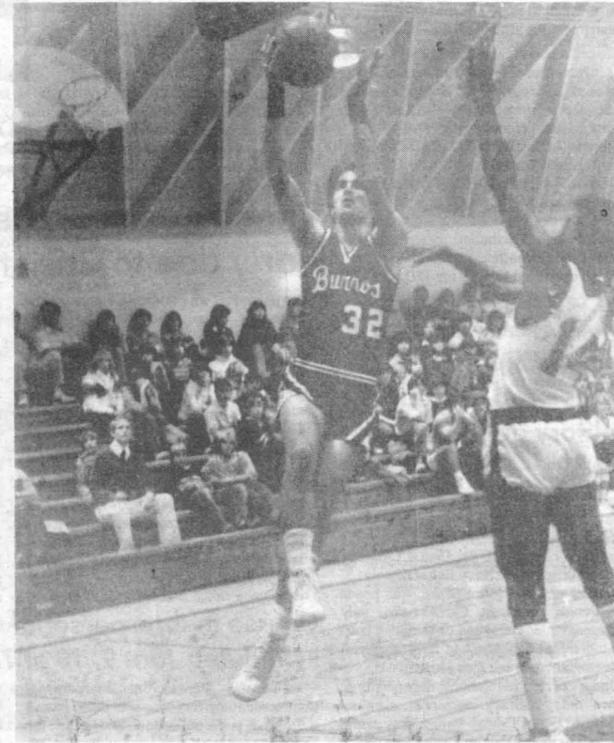
At this juncture a 6-point rally on three field goals by the visitors put the pressure on the Burros, who led by just 47-44 after 3 min. of play in the final period.

Showing patience and good shot selection, the Burros worked the ball around to the open man and clicked on three-of-three field goals to regain their earlier 9-point lead. The crucial baskets were hit by Means, John Reynolds and Mike Bailey, center for Burroughs who drew the task of guarding Story.

Leading 53-44 with just 2 min. left to play in the game, the Burros matched Victor Valley point-for-point in the final stretch — holding off the visitors to win 57-48.

Story, of Victor Valley was the game's high point man with 8 field goals and 3 of 8 free throws for a total of 19, while a teammate, Tony Evans, tallied 11.

Leading scorers for Burroughs were Means and Reynolds with 16 and 12 points, respectively.



DRIVES FOR BASKET — John Reynolds (No. 32) of Burroughs is challenged by Mike Stewart of Victor Valley as he drives for the basket during this bit of action in the Burros vs. Victor Valley boys' varsity game. Reynolds, a returning letterman who plays forward, scored 12 points in the BHS 57-48 win over the Jackrabbits.

BHS girls tackle Louisville after tourney losses

Burroughs High School's varsity girls' basketball team will travel to San Fernando Valley tomorrow for a game with the Louisville High Squad that is ranked 8th in the CIF 3A Division. Tip-off time is 6 o'clock for the varsity contest, which is to be preceded by a jayvee tilt at 4:30.

This will be the third team ranked among the top 10 in the CIF 3A Division to be played by the Burros, who earlier lost in overtime to fourth-ranked Palmdale 47-45, and last week were outscored 53-45 by seventh-ranked Esparanza in the second round of the Brea Olinda Tournament.

The loss to Esparanza knocked the Ridgecrest team into the consolation bracket of the Brea Olinda tourney, and the Burros were later eliminated by a 41-39 defeat at the hands of the Mission Viejo squad.

In first round action of the Brea Olinda Tourney, the Burros girls overpowered Whittier High 56-44.

In the Esparanza game, the Burros led by the narrow margin of 16-12, 25-23, and 33-32 at the end of the first, second and third periods of play.

The big difference in the game turned out to be a flurry of free throws awarded to Esparanza in the fourth quarter.

The Esparanza team took advantage of charity tosses by hitting 11 of 18 in the final 8 min. of play, while the Burros, who lost three of their starters — Charlene Kessler, Cecelia Scanlan and Andrea Veatch via the foul route — failed to hit a single free-throw in the fourth quarter.

As a result, Esparanza outscored the Burros 21-12 in the fourth period enroute to a 53-45 win.

Jack Clark, coach of the BHS varsity girls, was none-too-pleased with what he called "inconsistent officiating" in the Esparanza tilt, but at the same time was quick to praise

the ability of the opposing team.

Charlene Kessler of Burroughs was the top scorer in the Esparanza game with 19 on 7 field goals and 5 free throws before leaving the game via the foul route in the fourth quarter, while Andrea Veatch pumped in 6 field goals for 12 points.

Kristell Kinkennon had her work cut out for her going against Stephanie Dossey, 6 ft., 1 in. center for Esparanza, who had tallied 30 points the night before. Kinkennon did her job well enough to hold Dossey to 8 points, the same number that the Burros' post position player tallied.

The consolation round game with the Mission Viejo Diablos was a close one all the way. The Burros, who trailed 11-10 at the end of the first quarter, edged ahead 20-19 at

Scorpions post 1-0 soccer win in game played at Corona

The 12- and 13-year-old squad of the Scorpions Soccer Club (known as the Scorpions 69) will wind up the first half of its season tomorrow by hosting the Moreno Valley Eagles in a game that will start at 2 p.m. at the Murray Junior High School soccer field.

Last Saturday in Corona, the Scorpions defeated the Corona Phoenix squad 1-0 — a win that put the local team in first place in the Inland Empire Soccer League.

The victory came on a second half goal by Paul Lelis, who was on the receiving end of a precision pass by Bobby Burse and blasted the ball into the net.

The Scorpions started the game one player short due to illness, and had the misfortune of losing goalie Jason Okamoto who took a blow to the head that put him out of the game, after batting away a shot at the net by one of the Phoenix players.

the half.

After three periods of play, the Diablos were back on top 28-26 and, after a basket by Veatch for Burroughs the score was 39-37 in favor of the Ridgecrest team with just 20 sec. left to play in the fourth quarter.

A defense lapse allowed Pam Magnet, of the Diablos, to tie the score on a lay-up at 39-39 with 9 sec. showing on the scoreboard clock. The Burros went for the win on a long, inbound pass that went out of bounds at the opposite end of the court before it was touched by anyone.

The turnover gave the ball back to Mission Viejo at the Burros' end of the court, with 9 sec. still left to play. The Diablos got the ball into Gretchen Schroeder, who was fouled and then sank two free throws to win the game 41-39.

Schroeder, who tallied 12 points in the first half, was the top scorer in the Burros vs. Mission Viejo game with 20. A defensive change cut down Schroeder's field goal scoring to zero in the second half, but she did hit on 8 out of 10 field goals. Collene Kelly with 9 points and Magnet with 8 also played vital roles on offense for the Diablos.

Kinkennon chalked up 14 points to lead the Burros in the scoring department against Mission Viejo, while Kessler and Scanlan chipped in 8 and 6 points, respectively.

In the opening game of the Brea Olinda Tournament for Burroughs, the Ridgecrest team got a 22-7 jump on the Whittier squad in the first quarter and were on top by 19 points at the halftime intermission.

Liberal use of Burroughs reserve players enabled the Whittier girls to outscore the Ridgecrest team 23-10 in the fourth quarter and cut the Burros' lead to 12 points (56-44) at the final buzzer.

Kessler and Scanlan led the Burros on offense with 15 and 13 points, respectively, in the Whittier game, while Kinkennon, who led in rebounds with 9, also tallied 9 points.

The Skipper sez



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

QUESTION

Retired Civilian Employee — I would like to know why all the planes overhead since the new Captain has come aboard? Most of them are flying over the housing area of Ridgecrest, when they have flyways set up for them to fly over. Also, while I was picnicking at Kennedy Meadows campground approximately two weeks ago, there was a plane that flew low over the campground, breaking the sound barrier.

Why is this necessary when they have all this area near Ballarat to do these maneuvers in? Also, when I was at Kennedy Meadows, a plane flew over the campground and just wandered around the canyon. These pilots seem to fly anywhere they seem to have a notion. I think there should be some restrictions. Civilians should be able to enjoy some peace and quiet.

ANSWER

There has been no change in policy regarding planes flying overhead since I came on board. The "flyways" you refer to were established to avoid inhabited areas as much as possible. Occasionally, a particular mission requires flight outside these corridors.

The Kennedy Meadows area is located in a 16,000 square mile airspace area designated for military use. This area is managed jointly by the Navy, Army, and Air Force, and aircraft from many military facilities use this area daily. Restrictions pertaining to safety of flight do apply to this area and a minimum of annoyance to the local population is of primary concern. You can be assured I will do my best to ensure that pilots follow the rules.

Additionally, representatives from NWC, Edwards AFB, George AFB, and Fort Irwin are actively seeking ways to lessen the impact that local military flying has on local residents. Your last sentence is particularly significant. That we may all "enjoy peace" is a primary purpose for the Center's existence and I agree, we should do our job as "quietly" as possible.

QUESTION

Civilian — I checked with Public Works regarding some work that was to be done in support of the NWC mission. I was told that it would be delayed due to the recent rains, which put Public Works behind in most of their construction projects. Since this is a time of high unemployment, don't you think this would be a good opportunity to use people who are unemployed as temporary help to assist Public Works in catching up with a three-month backlog?

ANSWER

The August flash floods did cause some delays in construction work because of the resulting emergency repairs that had to be made to keep the Center functioning. These delays were minimized by using temporary help as much as feasible on the storm repairs. PW hired ten unskilled laborers on temporary appointments for this purpose. In addition, the contractor managing our Transportation Operations group also temporarily augmented his work force with a number of skilled equipment operators to handle this emergency situation.

The effect of these emergency storm repairs on PW backlogs was relatively minor and short-lived. The three month backlog of construction work you mention is about the norm.

To reduce this backlog by the use of temporary help is, while appealing, not practical for two primary reasons: (1) we have found it difficult in our labor market to attract skilled craftsmen for short-term temporary appointments, and (2) increasing the work force increases costs, and PW budgets are already fully committed.

Answers given to computer survey queries

In a questionnaire that was mailed to a randomly selected sample of China Lake personnel, both military and civilian, a set of questions was asked with the note that the answers would be published in the Rocketeer.

The definitions are as follows: a keyboard is a device for typing words, numbers or symbols into a computer; a modem lets one

terminal "talk to" or emulate another computer; a mainframe is a computer with large mass storage capabilities and fast execution; a software program gives step-by-step instructions to a computer; Cobol and FORTRAN are languages that someone invented so people could talk to computers; and a microprocessor is a CPU enclosed in one integrated circuit package.

AMS2 Robinette picked as VX-5 Sailor of Month

Aviation Structural Mechanic Second Class Barry W. Robinette has been singled out for recognition as Sailor of the Month for November by Air Test and Evaluation Squadron Five (VX-5).

AMS2 Robinette, who has more than eight years of naval service to his credit, currently works in the VX-5 Phase Shop. He is responsible for performing scheduled inspections on all of the squadron's aircraft, including major phases which require an in depth inspection of the entire aircraft.

In a letter of commendation from Capt. Roger P. Flower, Commanding Officer of VX-5, the Skipper comments, "While attached to Phase Maintenance Branch, you have demonstrated the highest caliber of professionalism and leadership abilities which were instrumental to the outstanding achievements of the work center."

VX-5's Sailor of the Month joined the Navy in his hometown of Kansas City, Kan. He has since seen duty in Pensacola, Fla., where he enjoyed being assigned to the

terminal "talk to" or emulate another computer; a mainframe is a computer with large mass storage capabilities and fast execution; a software program gives step-by-step instructions to a computer; Cobol and FORTRAN are languages that someone invented so people could talk to computers; and a microprocessor is a CPU enclosed in one integrated circuit package.



AMS2 Barry W. Robinette



SPECIAL RECOGNITION — Capt. K. A. Dickerson presents the Commander's Award for Excellence in Mission Support to Mark Hucek, of the NWC Public Affairs Office. Hucek was commended for his outstanding efforts in coordinating the many activities that were a part of the 40th anniversary of the Naval Weapons Center.

Coordinator of 40th anniversary events gets Commander's Award

Mark Hucek, a Public Affairs Office in-terpreter, last week received the Commander's Award for Excellence in Mission Support.

The presentation by Capt. K. A. Dickerson took place after working hours following an all-pilots' meeting held at the Commissioned Officers' Mess.

Hucek was singled out for this honor in recognition of the outstanding manner in which he coordinated the many-faceted activities that were a part of the 40th anniversary of the Naval Weapons Center.

"When we have an event as large and as successful as the 40th anniversary of the Naval Weapons Center, there are obviously many people to be thanked," Capt. Dickerson said.

"But always," the Skipper added, "there is someone who is easily identified as the driving force, the watchdog, the do-er. It was no different in this instance," Capt. Dickerson continued as he asked Hucek to step forward and accept both a letter of commendation and pyramid-shaped paperweight that comprise the Commander's Award.

Others mentioned by the Skipper as vital contributors to the success of the NWC 40th anniversary fete, and their main areas of concern, were LCDr. Terry Callahan, air show; Lt. Greg Frederickson, static displays at Armitage Airfield; LCDr. Deen Poe, the air show commentator, who

also visited surrounding communities to invite the public to attend; and Chips Maurer and Dan Butler, who directed arrangements for the open house at Michelson Laboratory.

It was LCDr. Poe who triggered the nomination of Hucek by writing a memorandum that was highly complimentary of Hucek's efforts in spearheading the committee charged with preparations for the 40th anniversary observance.

CDr. Poe wrote, in part, as follows: "During the past month, I had the opportunity to work very closely with Mark Hucek on preparations for the NWC anniversary. He never ceased to amaze me with his diligence, dependability, and tenacity to ensure that every needed task was completed thoroughly and efficiently."

"In dealing with the public ... he gained respect and earned friends not only for himself, but also for his position as a representative of the Public Affairs Office and the Naval Weapons Center."

CDr. Poe's memorandum was endorsed by Denny Kline, the Center's PAO, who wrote that Hucek "works hard, has a good foundation, applies himself, and has unlimited potential."

Prior to this time, no one below the rank of lieutenant commander or a civilian GS-13 had ever been asked to carry this immense responsibility," Kline added.

Plans announced for Michelson Lab Awards luncheon

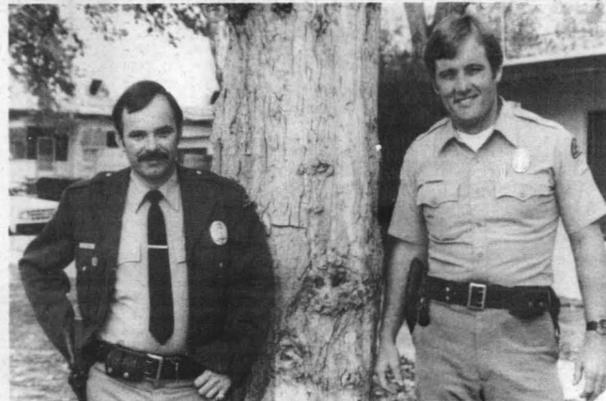
Michelson Laboratories Awards will be presented on Friday, Jan. 13, during a luncheon in honor of the recipients. The luncheon will be held in the Mojave Room of the Commissioned Officers' Mess starting at 11:30 a.m.

This award recognizes technical excellence based on outstanding performance of individual duties. The award, established in 1966, is complementary to the L. T. E. Thompson Award, the Center's highest award.

Reservations for the luncheon can be made by telephoning Eloise Burkland at NWC ext. 2634 no later than 4 p.m. on Tuesday, Jan. 10.

Navy Hotline

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



RECENT GRADUATES — China Lake Police Officers Mike Sword (left) and Steven Busby were in the last graduating class of the Kern County Peace Officers Academy. In the two years they have been on the China Lake Police force, they also have taken a number of shorter courses. — Photo by PHAN Greg Hogan

NWC police officers complete rigorous 14-wk. training course

The most recent graduating class of the Kern County Peace Officers Academy included two local men: China Lake Police Officers Steven Busby and Mike Sword. During the 14-week training program that takes place in Bakersfield, a 65-subject curriculum is covered, and another 80 hours is spent in physical training and in training in defensive tactics. To cover all this material adequately, a lot of evening study was required in addition to the long days spent in the classroom and on field exercises. Busby and Sword, who shared an apartment in Bakersfield while they attended the academy, said that they found themselves studying for two to three hours each night to master the materials.

Academy classes are composed of peace officers from all Kern County law enforcement agencies as well as some individuals who hope to become peace officers. The class in which Busby and Sword

Medical clinic to give flu shots to civilians

All civilian employees of the Naval Weapons Center who would like to receive free flu shots can do so by checking in at the Occupational Health Department at the NRMCC branch medical clinic on Monday and Tuesday between 7:30 and 9:30 a.m. Any civilian employee not able to come to the NRMCC branch clinic at that time can get a free flu shot on Wednesday, Jan. 11, between 7:30 and 9:30 a.m.

Police reports . . .

Sometime during the night of Dec. 8 an unknown person or persons entered the golf course pro shop and emptied the safe of \$1,190. There was no sign of forced entry.

TYPEWRITER STOLEN
Officers responded to a disturbing the peace call on Richmond Road at 6:50 a.m. last Friday. The resident of the dwelling and her boyfriend were involved in a disagreement.

MIKE'S LAB by Bill Evans



Open forum slated on danger of alcohol, drug use while driving

All personnel at China Lake are invited to attend either session of a Driving Under the Influence (DUI) open forum at the Center theater on Wednesday, Dec. 21.

The first session will run from 8 until 9:30 a.m. and the second from 10 until 11:30 a.m. Attendance will count towards fulfilling of the annual safety meeting requirements. Emphasis will be placed on how to protect oneself and one's family from those who are driving while under the influence of alcohol or drugs.

A forum style will permit those attending to ask questions and share experiences as well as learn more about such specific issues as teenage drinking and driving, the effect of a DUI arrest on insurance, and proper use of seat belts.

Panel members who will be present to discuss issues and answer questions include Dr. Lawrence J. Cohen, Psychopharmacologist for the Kern County Department of Mental Health; Father Edgar Parrott, Clinical Dependency Therapist for Kern View Hospital, Bakersfield; Dan Tobias, City Attorney for the City of Ridgecrest; James W. Brown, China Lake Chief of

Santiago Rodriguez to conduct workshops on affirmative action

Santiago Rodriguez, Chief of the Affirmative Action Program at Stanford University, will return to NWC in early January to conduct two workshops on affirmative concepts and strategies.

The first workshop, for all Center personnel, will be held on Monday, Jan. 9, from 12:30 to 4 p.m. The second, which is specifically for division heads, will be held on Tuesday, Jan. 10, from 8 to 11:30 a.m. To enroll in either, interested persons must submit a training request and authorization form through department channels to Code 094.

Rodriguez will also discuss managerial roles in affirmative action with the Center's department heads following the Commander's meeting on Jan. 9.

Rodriguez drew exceptionally favorable response to a workshop he presented here last May when he was the featured speaker at a Cinco de Mayo program.

Kit Skaar Firing Officer Award inaugurated . . .

(Continued from Page 1)
he was head of the Center's Safety Department.

He was uniquely qualified to develop such a program because of his many years as a chemist dealing with propellants and explosives, as well as many years as a supervisor of ordnance operations before he was selected to head the Safety Department.

Responding to the award, Skaar said that the outstanding work of many individuals had combined to make the Firing Officer Program such a success. He recognized specifically the contributions made by the late Jimmy DeSanto and others.

Skaar retired in 1976, and now resides in

Police; Nancy Swallow, Navy Facilitator for alcohol and drug safety programs; and Gera Thomas, manager for the Ridgecrest Office of the Automobile Club of Southern California.

Also present will be Gloria Delgado, Executive Director of the Council on Alcohol Awareness, and Dulcena Kreie, local president of the Mothers Against Drunk Driving (MADD).

So far in 1983 the China Lake police have reported 60 DUI violations. Locally, arrests for DUI have nearly doubled over the past year, and in the past nine months locally 51.9 percent of accidents involving alcohol resulted in injury or death.

Advance questions or comments are encouraged. Anyone wishing to ask a question or make a comment is asked to telephone the DUI forum coordinator at NWC ext. 3391.



17-YR. VET RE-ENLISTS — RM1 Thomas R. Bell, branch head of the NWC Message Center, recently re-enlisted for another four years in the Navy to go with his previous 17 years of active duty military service. RM1 Bell, who transferred here from duty as a crewmember of the USS Berkeley, a destroyer home-based in San Diego, has been at NWC since May 1982. For re-enlisting in the Navy, he received a \$10 gift certificate from the Navy Exchange, a certificate good for a free vehicle oil change and lube job at the NEX service station, and a number of money-saving coupons good for purchases at the NEX.

requiring him to use all of his Firing Officer skills.

Dick Johnson, NWC Director of Safety and Security, who served as master of ceremonies for the program, recognized the skills and superb safety record of a group of Firing Safety Officers who have functioned for five and ten years, by the presentation of certificates of commendation to these employees.

Those who have served for 10 years, and their department, include: Public Works, Dr. Carl Austin and Carl Halsey; Ordnance Systems, Robert A. Gould, Charles T. Mitchell, and Jack M. Pakulak; Fuze and Sensors, Harold Parsons and Rex Smith; and from the Range Department, Billy O. Brown, Roy B. Johanboeke, Edmund J. Regan, Benjamin L. Tozer, Ronald Shargots, Gordon Adams, Robert D. Rasmussen, and Albert R. Blackmon.

Receiving certificates for five years were, from the Ordnance Systems Department, William L. Black and Calvin D. Wasson; from the Engineering Department, John Burmeister and Darryl Baxter; Research Department, Donald E. Zurn, Herbert P. Richter, Dr. Albert H. Lepie, and Dr. Rena Y. Yee; and from the Range Department, Odell E. Braun, Leland M. Horgan, Leslie C. Hunter, Everett A. Long, Jr., William J. Jedden, Jr., John A. Haug, Kenneth E. Seaman, Jr., and Joseph Lelis, Jr.

Al Wiruth, Safety Program Officer in the Safety and Security Department, also mentioned a number of individuals whose contributions had been outstanding, including Gordon Greene, Rex Smith and Bill Ledden.

Technical Director Award . . .

(Continued from Page 1)

Weapons Center was selected by the Naval Material Command (NAVMAT) as the recipient of the GIDEP Achievement Award for government participants.

According to Richard Loraine, head of the Code 36 Product Assurance Division who nominated Lloyd for the Technical Director Award, this NAVMAT award is given each year to the government activity that has exhibited the greatest program participation. The NAVMAT Award, Loraine pointed out, recognized Lloyd for his initiative and imagination in "both utilizing and contributing technical data in the best interests of government and industry."

During 1981, the latest recipient of the Technical Director's Award represented NWC at the GIDEP Reliability-Maintainability Data Exchange Improvement Conference. He was chairman of one of the conference task teams, in addition to being a speaker at the conference.

Lloyd also participated as an instructor at the GIDEP Operations Center in Corona, Calif., and received letters of appreciation from the program director, as well as similar communications from the GIDEP Program Manager at NAVMAT Headquarters.

The latter commended Lloyd for his GIDEP workshop presentation entitled "Development of an Effective Cost Avoidance Systems for GIDEP," as well as for the advice and assistance that the NWC employee provided to the NAVMAT Program Manager.

During 1982, cost avoidance savings resulting from the use of the NWC GIDEP data banks totalled \$2,300,000. To this total can be added \$1,500,000 in cost avoidance savings through the first half of 1983, Loraine wrote in nominating Lloyd for the Technical Director's Award.

GED tests set at college next Tuesday, Wednesday

General Educational Development (GED) tests will be given at Cerro Coso Community College on Dec. 20 and 21 from 1 p.m. to 5 p.m.

California state certificates of equivalency, indicating an educational achievement equal to completion of high school, can be applied for by persons successfully completing the GED tests.

Examinees will be charged an advance fee of \$10 to offset the expense of monitoring and scoring the tests.

Reservations to take the test may be made by calling the College Counseling Center at 375-5001, ext. 219.



SIGNS ON FOR 5 MORE — During a recent ceremony conducted by Cdr. G. F. Herbst, head of the Military Administration Department, ABH1 Warren Shannon, a veteran of 15½ years of service in the Navy, re-enlisted for an additional five years. ABH1 Shannon is the leading petty officer in charge of the passenger terminal at Armitage Airfield. His duties also include directing the maintenance and operation of the aircraft landing arresting gear at the airfield, and providing security for any downed aircraft. As a re-enlistment award, ABH1 Shannon received a \$10 gift certificate from the Navy Exchange, a certificate good for a free vehicle oil change and lube job at the NWC service station, and a number of money-saving coupons good for purchases at the NEX.

Lloyd began working at China Lake as a high school student summer hire and joined the permanent work force as a Supply Department inventory control clerk in September 1953.

His Civil Service career was interrupted by two years of service with an Army Transportation Corps unit in Korea (1955-57), at which time he returned to his Supply Department job at China Lake.

He remained in Supply for 13½ years, being involved in the department's shipping and receiving operations before leaving the local area to work for 5½ years as an insurance agent in Santa Maria, Calif.

Upon returning to China Lake for a second time, he was transferred to the Undersea Center at Pasadena as a Supply Department employee and remained there until moving back to the desert once again — this time as head of the Distribution Branch in the Technical Information Department.

Lloyd continued to work for TID until 1979 when he transferred to the Engineering Department and his present assignment as manager of GIDEP for NWC.

Dental Clinic not authorized to treat military dependents

Dental Clinics, like the one operated here as part of the Navy Regional Medical Center, Long Beach, are not authorized to treat dependents of active duty military personnel — even though such persons may have been referred to the Dental Clinic by the local office of the Navy Relief Society.

According to Cdr. Jim Blake, who heads the Dental Clinic at China Lake, only emergency pain relief can be provided until the individual dependent in need of dental care can see his or her own dentist.

Under current regulations, dependents of active duty military personnel may be treated at Navy Dental Clinics only while overseas or at certain remote duty stations.

The Medical Clinic may not, for example, examine patients to determine the appropriateness of care and reasonableness of fee based on an estimate and treatment plan submitted by a civilian dentist — even though such potential patients are sponsored by the Navy Relief Society for definitive dental treatment by a civilian dentist.

Hazardous waste disposal sites being studied

Even before the Environmental Protection Agency issued regulations dealing with the disposal of hazardous waste in 1980, the Naval Weapons Center had been studying potential problems created by the complex waste generated through the Center's research, development, test and evaluation mission.

The Center's concerns were two-fold: how best to dispose of hazardous wastes currently being generated, and how to ensure that prior waste disposal does not adversely affect water quality, public health, or environmentally sensitive areas.

A final permit for hazardous waste storage and a transfer facility at China Lake is expected to be issued by the California State Department of Health Services this month; NWC has held an interim permit since 1980.

Hazardous wastes now generated at NWC are transported by a contractor (Chemical Waste Management, Inc.) to a site in the San Joaquin Valley for disposal if the wastes are such that they cannot be recycled.

(According to a legal definition, in general a hazardous material is any substance or mixture of substances that is toxic, corrosive, flammable, an irritant, a strong sensitizer, or which generates pressures through decomposition, heat or other means, if such a substance or mixture of substances may cause substantial injury, serious illness or harm to humans, domestic livestock or wildlife. Hazardous waste is any waste material or mixture of wastes that has the same adverse effects.)

NWC wastes include chemical wastes, solvents and acids from the laboratories and



TOPNOTCH EFFORT RECOGNIZED — Dr. Ed Kutchma (at right), head of the Aircraft Weapons Integration Department, looks as Robert Campbell, head of the Targeting Division in Code 31, congratulates Mallory J. Boyd (in center). Boyd was the author of a presentation entitled "An Approach to Automated FLIR Video Assessment" that was singled out as best of nearly 100 papers presented recently at Autotestcon '83 held in Dallas Texas.

Timecards must be submitted early due to Christmas holiday

All personnel who are responsible for the submission of employee timecards are reminded that because of the Christmas holiday on Monday, Dec. 26, timecards for the regular work week ending on Dec. 24, must be turned in by 4:30 p.m. on Tuesday, Dec. 20.

This is necessary in order to meet the regular payday on Friday, Dec. 30. No timecards are to be held out, since failure to provide the Payroll Office with an accurate timecard by the Dec. 20 deadline may result in a delay in pay for employees.

In order to meet the Dec. 20 deadline, it will be necessary for departments to project or estimate what will occur on Wednesday, Thursday, Friday and Saturday, Dec. 21

through 24, and submit timecards by 4:30 p.m. next Tuesday.

On Wednesday, Dec. 21, if it is discovered that the timecard projections are in error as submitted, the errors can be corrected by submitting a revised timecard, annotated as such, between 8:30 and 11:30 a.m. on Dec. 21.

Errors discovered after Dec. 21 should be corrected by sending a memorandum to the Payroll Office, Code 08641, the following week.

Any overtime worked after 4:30 p.m. on Tuesday, Dec. 20, through midnight on Saturday, Dec. 24, should be submitted on a supplemental timecard for payment the subsequent pay period.

Course in Interpersonal Communications scheduled Jan. 9, 10 at Training Center

A two-day course in Interpersonal Communications has been scheduled from 8 a.m. to 4 p.m. on Jan. 9 and 10 at the Training Center.

This course, which will be taught by Dr. Bertram Barer, a management communications consultant from Tarzana, Calif., is being offered as a means of providing supervisors and employees with information on how to sharpen their interpersonal communication on the job.

The points to be covered by the instructor will include knowing how to (1) com-

municate productively and help others do the same; (2) listen actively and effectively; (3) use supportive and critical feedback to others; and (4) working effectively with assertive, aggressive, and passive personalities.

Case studies that apply this type of information to actual working conditions will be presented as a part of this course.

Employees interested in attending must submit a training request and authorization form via department channels in time for it to reach Code 094 by Dec. 22.

Hueneme, Calif., has just published a follow-on study of the fuel farm at Armitage Airfield.

This study recommends trying to recover contaminated fuels that had been previously dumped into dry wells or allowed to seep into the ground. In addition, a monitoring program would be established at the site.

Some of the contaminated fuels might be recycled if they were recovered. The rest would be trucked to an off-Center disposal site.

The seven other sites will also be studied intensively and joint decisions made by the Navy, the State Department of Health Services and the Lahontan Regional Water Quality Control Board regarding their future. Decisions could range from total cleanup to site closure and monitoring or to continued use for certain types of hazardous waste disposal.

Funding for site monitoring or clean-up will come from two sources. The Department of Defense has requested special pollution abatement funds from Congress for tri-service use throughout the country. Until such money is available locally, the monitoring and study program will be funded by Center overhead money.

The Navy Assessment and Control of Industrial Pollutant (NACIP) team will be on board at China Lake shortly to brief Center Command about current environmental protection policies. The NACIP team is expected to spend February and March 1984 at NWC to study local conditions and help further determine pollution abatement requirements.

ERTEC Western, Inc., of Long Beach, has prepared a recommended exploration program to survey contamination at each of these sites. In addition, the Naval Energy and Environmental Support Activity at Port