

Maturango Museum bldg. fund grows; new officers elected

A one-time capital grant of \$1,000 in support of the Maturango Museum building fund has been received from the Security Pacific Charitable Foundation in Los Angeles, it was reported this week by Bob Tuck, museum director.

The grant came in response to a request from William Briece, manager of the Ridgecrest branch of the Security Pacific National Bank in Ridgecrest, who presented the check to Tuck.

Members of the board of trustees of the Maturango Museum met recently to elect officers and appoint committee chairmen who will serve during 1980. Welcomed to the group were Paul Colter and Donald Moore, who have just joined the museum's governing body.

The museum's 1980 slate of officers is headed by Dr. Robert Berry, who was re-elected president, and includes Dr. Frank Cartwright, vice-president; Tina Knemeyer, secretary, and Richard Hart, treasurer.

Duties of chairman of the Maturango Museum lecture series will be handled by Dr. Berry. Other committee chairmen, and their posts, are:

Mrs. Knemeyer, publicity; Donald Moore, field trips; Dr. Cartwright, membership; Ruth Amster, docents and Friends of the Museum; Hart, finance; James Baird, building committee; Dr. Berry, accessions; and Moore, student research fund and activities.

Other Committee Chairman

Additional committee chairmen, and their assignments, are:

Dr. Berry, executive committee; Dr. Gilbert Plain, publications; Dr. Cartwright, annual dinner; Shirley Moncesko, nominating committee; Mrs. Knemeyer, flower show; Dr. Ronald Henry, head of the Mojave-Sierra Archaeological Society; Janet Westbrook, by-laws; and Dr. Marguerite Rogers, grants.

As plans for the new building are taking shape, Museum Director Tuck invites all interested residents of Indian Wells Valley and surrounding areas to get in on discussions with the architects (Ralph Iredale and Michael Black) and Howard Schureman (exhibit designer) in order to offer any suggestions they might have.

Arrangements to meet with Tuck, the architects and exhibit designer on Feb. 7 and 8 or on Feb. 21 and 22 can be made by calling the museum, phone 446-6900.

MOVIES

Regular starting time—7 p.m.

FRIDAY FEB. 1
"CHINA SYNDROME"
 Starring
 Jack Lemmon and Jane Fonda
 (Suspense drama, rated PG, 122 min.)

SATURDAY, MONDAY FEB. 2, 4
"FRISKO KID"
 Starring
 Gene Wilder and Harrison Ford
 (Comedy-western, rated PG, 119 min.)

SUNDAY FEB. 3
"JAWS II"
 Starring
 Roy Scheider and Lorraine Gray
 (Adventure drama, rated PG, 116 min.)

WEDNESDAY FEB. 6
"CLOSE ENCOUNTERS OF THE THIRD KIND"
 Starring Richard Dreyfus
 (Science fiction, rated PG, 135 min.)

FRIDAY FEB. 8
"LATE GREAT PLANET EARTH"
 Starring
 Orson Wells and Howard Whalen
 (Science fiction, rated PG, 86 min.)



EXPLORER UNIT HONORED — Norman Wiseman presents the Boy Scouts of America National Honor Unit Certificate earned by Explorer Post 811 to Police Chief Ronald Nelson. Post 811 is sponsored by the China Lake Police Division. Looking on are Bill Willard (at left), the Explorer Post commander, and Regina Edmunson, post captain. —Photo by Ron Allen

Police Div.-sponsored Explorer Post wins national recognition

A singular distinction, the National Honor Unit Certificate awarded by the Boy Scouts of America, was won recently by Explorer Post 811, a coed youth group sponsored by the China Lake Police Division.

Members of Explorer Post 811 have joined this unit in order to learn about the potential for careers in the field of law enforcement.

In addition to the information they receive regularly from their adult advisors in the China Lake Police Division, the Explorers of Post 811 traveled to Bakersfield recently for a comprehensive look at law enforcement work that was provided by personnel of the Kern County Sheriff's Department.

In preparation for the visit to the county seat, the members of Explorer Post 811 received 16 hours of instruction on various aspects of law enforcement work from officers of the China Lake Police Division. Subsequently, in Bakersfield, they had the opportunity to learn more about the various steps that take place from the time of an arrest on the street, through the process of trial by a judge or jury, and then about the penal system itself in which efforts are made to rehabilitate inmates to help keep them from slipping into the trap of becoming repeat offenders.

The young members of Explorer Post 811 learned about the operation of the various

Professional Party Guest Jack Farrell to speak to WACOM

The Professional Party Guest, Jack Farrell, will be the speaker at a luncheon meeting of the Women's Auxiliary of the Commissioned Officers' Mess on Tuesday, Feb. 12, at the Commissioned Officers' Mess.

Members of WACOM will be called for their reservations, but anyone who is not a member and would like to join at this time can telephone either Dayle Ann Huckins, 375-7655, or Ruth Rudeen, 375-4754, to make reservations before the deadline of 8 a.m. next Friday, Feb. 8.

The social hour will begin at 11 a.m., to be followed by a lunch consisting of chicken strata, a salad buffet, bran muffins, and cherry delight for dessert. Price of the lunch is \$3.50 per person.

Farrell will then talk about his work as a professional party guest during which he meets celebrities in their own homes. He'll present a potpourri of gossip, interior decorating concepts, food news, fashion (including who wore what to which party), and inside information on lifestyles of the famous.



Commissioned Officers' Mess
Plans have been made for a gala dinner-theatre night at the Commissioned Officers' Mess on Feb. 14, the evening of Valentine's Day.

The Alpha-Omega Players, a professional traveling group from Texas, will be at the COM to present "The Marriage-Go-Round." Showtime at 8 p.m. will be preceded by dinner from 5:30 to 7:30. The dining room special that evening will be grand marnier Cornish game hen.

Reservations are a must and can be made by calling 446-2549. Price of the dinner show is \$6.75 per person.

During the coming week, the regular COM dining room menu will be augmented by spaghetti dinners on Tuesday (Italian night) and by moussaka and Athenian leg of lamb on Thursday, Feb. 7 (Greek night). Dinner hours on week days are 5 to 9 p.m.

On Saturday, Feb. 9, the main dining room of the COM will be closed for a private party, but regular dinner and bar service will be available in the casual bar from 6 to 10 p.m.

CPO Club

Music for dancing tonight at the Chief Petty Officers' Club will be provided by Walls of Fire, a Los Angeles contemporary rock group, starting at 9 p.m. Dinner specials for the evening (to be served before the dancing begins) include prime rib of beef and Icelandic cod.

Tomorrow night the whole family is invited to attend a family style buffet from 6 to 8:30. The food will be lined up (buffet style) for diners to serve themselves, with unlimited second helpings for the hungry, at a cost of \$6 per adult and \$3 for children under the age of 12.

All hands welcome at party tonight at Enlisted Mess

It's party time for all hands tonight from 6 to 9 o'clock at the Enlisted Mess, which will be the setting for a social event sponsored by the Recreation Branch of the Special Services Division.

Activities planned include disco dancing to recorded music and entertainment by go-go dancers and a comedian. Tickets will be available at the door this evening.

The price of admission—\$2 for military personnel and \$3 for civilians—covers light refreshments and beverages that will be available during the early part of the evening, when door prizes also will be given away.

A band booked by the EM will play for the listening and dancing pleasure of party goers from 9 p.m. until 1 a.m. Coming here will be the "Rumors," a musical group from the Los Angeles area.

Metal Trades Council

The Indian Wells Valley Metal Trades Council will hold its regular monthly meeting on Thursday, Feb. 7, at 65-B Halsey Ave., at 7:30 p.m.

The Council is the representative of a unit composed of the non-supervisory, ungraded civilian employees of the Naval Weapons Center who are located at China Lake.

U.S. Government Printing Office: 1980—No. 1011

Stargazers to meet

Nils Allen will describe the design and use of a small telescope that uses a camera lens as the primary optics at the regular meeting of the China Lake Astronomical Society on Monday evening at 7:30.

A set of commercial film slides of common astronomical objects also will be shown.

The meeting, which is open to the public, will be held in the Astronomical Society hut at 401 McIntire St., China Lake.

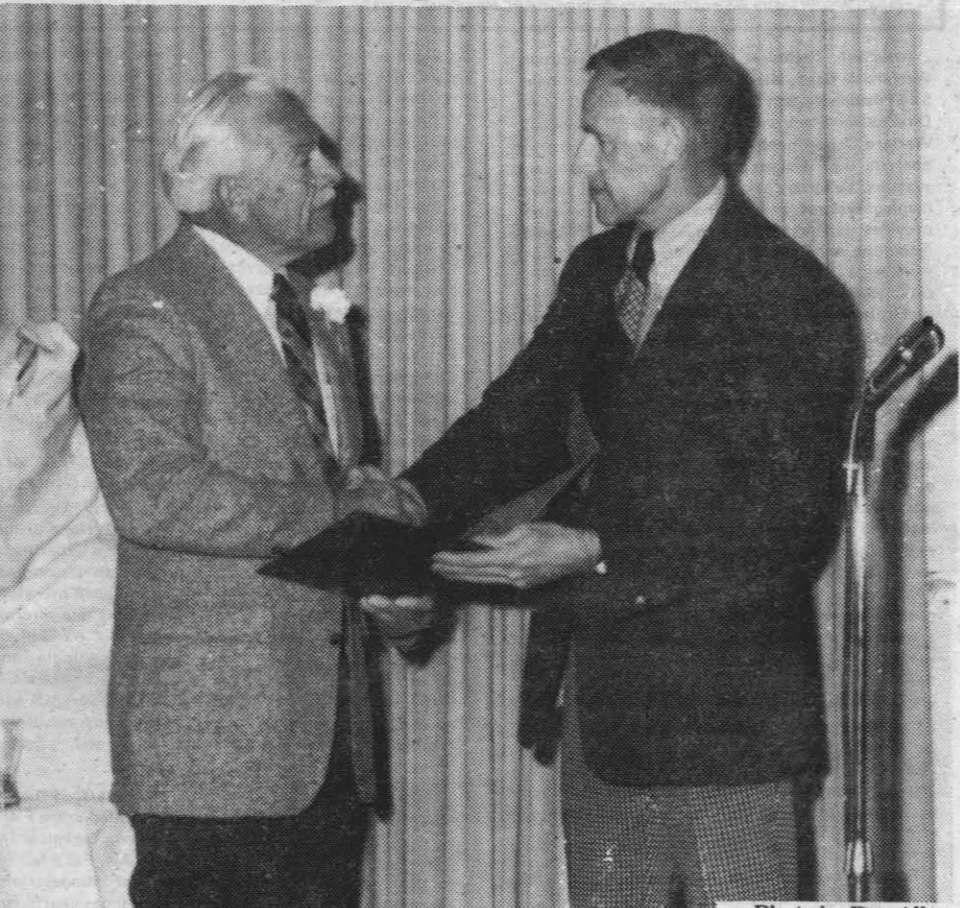
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To: _____



Naval Weapons Center
China Lake
California
February 1, 1980
Vol. XXXV, No. 5



CONGRATULATIONS EXTENDED — Capt. William B. Haff, NWC Commander, offers his congratulations as he presents the Navy Meritorious Civilian Service Award to Fred H. Weals (at left). The presentation took place last week during a party honoring Weals, who has retired after 26 years at China Lake. —Photo by Ron Allen

Navy Meritorious Civilian Service Award presented at retirement party for Weals

Fred H. Weals, former acting head of the Ground Projects Branch in the Naval Weapons Center's Test and Evaluation Directorate, was honored last week at a retirement party during which he received the Navy Meritorious Civilian Service Award.

The presentation of this award, which is the highest such honor that may be granted by heads of activities, was made by Capt. William B. Haff, NWC Commander, during a gathering of Weals' friends and co-workers at the Commissioned Officers' Mess.

Weals was commended for contributions marked by creativity, originality, commitment and competence that have "enabled him to significantly influence the design, acquisition and utilization of much of what is known as the ground and track testing facilities and supporting instrumentation at the Naval Weapons Center."

Weals, whose career at China Lake

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Like elsewhere in state, earthquakes pose some danger to Indian Wells Valley area

"In the Indian Wells Valley we're on some of the shakiest ground in the country," says Dr. Pierre St.-Amand, head of the Earth and Planetary Sciences Division of the Research Department.

Dr. St.-Amand, a world-renowned seismologist, adds, that some of these earthquakes can certainly cause damage in the local area. Great earthquakes are those which attain a rating of 8 or more on the

Storm brings rain, followed by unusual patches of fog here

Small lakes suddenly appearing throughout the Naval Weapons Center on Tuesday morning provided visual evidence that this is a wetter than normal year.

Patches of fog also shrouded the Indian Wells Valley, rolling to the low point — Armitage Airfield — and shutting down air traffic for a while. According to weather man John Gibson, of the Naval Oceanographic Command Detachment, this happens about once a year.

The storm that dripped in unexpectedly on Monday evening produced a rainfall of .77 inches to bring the 1980 total up to 1.86 inches. A second storm due in Tuesday night got as far as Victorville before a jet stream swooped down and sent the clouds south to Baja California.

Gibson says that although the year is already much wetter than normal (average annual rainfall for the IWV is 2.79 inches), the chances of more rain in February are excellent because February displays the same weather patterns that are normal for January here.

Snow buffs should not give up hope for some of the white stuff falling locally this year. According to Gibson, only a small difference in temperature would have dropped snow instead of rain this week; if February's temperatures drop slightly and anticipated weather patterns develop, the potential for snow is present.

Richter scale; lesser quakes, more likely to occur here may be rated as 7 on the same scale.

The San Fernando earthquake of 1971, for comparison, rated 6.5. Each increase of one number (from 6.5 to 7.5, for instance) means that ground motion is 10 times stronger and the amount of energy released by the earthquake may be 30 times greater.

The faults that can cause trouble in the IWV are the San Andreas (which caused the major earthquake at Ft. Tejon just south of Bakersfield in 1857), the Garlock (which, after eons of quiescence, is creeping), and the Eastern Sierra (which produced the Owens Valley earthquake of 1872). Local faults are not expected to be able to cause a major earthquake.

In human terms, however, any earthquake can be considered severe if it in-

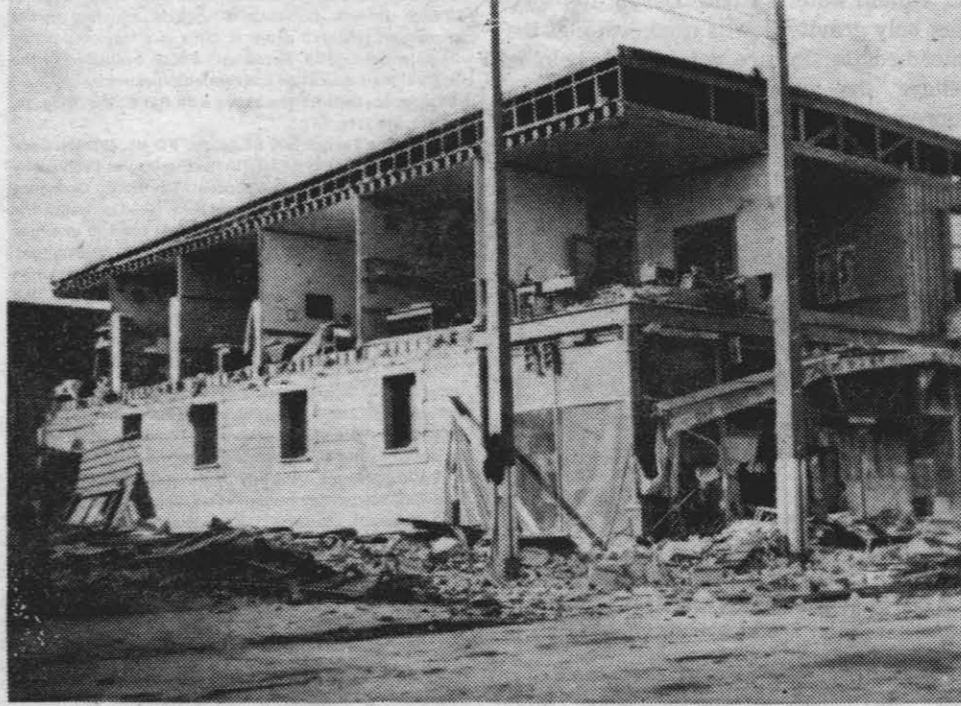
flicts damage on the life or property of an individual. The threat to human life depends in part on the hour at which an earthquake occurs.

If it occurs during the working day, those who are employed on the Center will be relatively safe. The last severe earthquakes in Kern County resulted in no damage on-Center. Dr. St.-Amand does suggest that anyone working with chemicals or hazardous materials secure these until the ground stops shaking.

Schools in the IWV are also relatively safe; they have been built to meet the Field Act standards legislated after Long Beach schools collapsed during the 6.3 earthquake in 1933.

According to Dr. St.-Amand, more potential for local damage now exists than

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GRAPHIC REMINDER — Although this building damage occurred during the major earthquake in San Francisco in 1907, it is typical of the damage that occurs in nearly all severe earthquakes. Those who remained inside during the earthquake would have been safe; those who ran out would not.

covered a period of 26 years, established engineering requirements for new range facilities while employed as the head of a major branch during the early 1950s. He planned and designed alterations and additions for existing range facilities, and studied unusual design problems that arose due to unique test requirements.

Over the years, Weals has planned, managed, coordinated and conducted many unusual test programs of extreme diversity and complexity. The variety of tests has included those involving guns and gun ammunition, rockets, guided missiles and missile components, fire fighting, high explosive blasts, fuze evaluations, aircraft escape systems, and aircraft survivability.

One of the highlights of Weals' many efforts involved the Explosive Safety Knowledge Improvement Operation testing program. These tests — conducted to determine the safe separation distance of earth-covered explosive magazines — were sponsored by the Department of Defense Explosives Safety Board. They were designed to verify and refine explosive safety standards and were of major importance to the Department of Defense, and to its counterparts in allied nations, in providing assured safety storage for ammunition and explosives at minimum cost.

Weals' activities greatly influenced the design of structures to withstand explosive

(Continued on Page 5)

Performance Eval. Task Team slates briefings Monday

An opportunity will be made available for Centerites to provide input for consideration by members of the NWC Demonstration Project's Performance Evaluation Task Team during an afternoon of briefings that will begin at 1 o'clock on Monday at the Community Center.

Thom Boggs, head of the Fundamental Combustion Research Branch in the NWC Research Department, is the task team chairman and will preside over the briefings.

Scheduled for presentation are the results of efforts made by several sub-groups of the Performance Evaluation Task Team.

Bill Werback, for example, will outline the results of a literature search on the subject of performance evaluation methods, while Bruce MacIntosh will report on the results of discussions with private corporations that are recognized as having good performance evaluation systems.

In addition, Curt Bryan will present a review of the National Aeronautics and Space Administration's merit pay system, and Wayne Tanaka will provide information gleaned from a survey of NWC scientists, engineers, and supervisors who were asked what they would like to see included in (or excluded from) the NWC Demonstration Project performance evaluation system.

Main purpose of the briefings is to acquaint all members of the Performance Evaluation Task Team with the work that has been done to date by others, and en-

(Continued on Page 3)

New senior chaplain Cdr. John Allen takes helm at NWC All Faith Chapel

Duties of senior chaplain at the Naval Weapons Center have been taken over by Cdr. John Allen, a veteran of nearly 17 years in the Navy Chaplain Corps, who is coming here following two years as supervisory chaplain at the Naval Recruit Training Center in San Diego.

Cdr. Allen replaces Capt. Fred Whitaker. The latter is leaving after two years here to become senior chaplain at the Naval Construction Battalion Center, Port Huene, and chaplain for the Naval Construction Battalion, Pacific Fleet.

Prior to his most recent assignment at NRTC, San Diego, Chaplain Allen put in a year-long tour of duty on the Island of Okinawa with the Marine Corps' 3rd Force Service Support Group — an organization that provides logistical support for the 3rd Marine Division.

While he was on Okinawa, other members of the Allen family, including his wife, Joan, and their youngest son and a daughter,



Cdr. John Allen

remained at the family home in Encinitas. Two older sons also live in the Encinitas area.

Chaplain Allen, who is a former Marine Corps enlisted man, also served 2 1/2 years at Camp Pendleton as regimental chaplain for the 7th Marine Regiment and as chaplain at the Camp Pendleton correctional facility.

A native Texan, Chaplain Allen was born and raised in Port Arthur and attended North Texas State University for two years before he enlisted for a 3-year hitch in the Marine Corps in 1951. The Korean War was in progress at this time, but he spent all three years in California — most of it as a supply clerk at what is now the Marine Corps Supply Center in Barstow.

After his discharge from the Marine Corps, he finished his college education in 1956 at the University of Texas, where he was elected a member of Phi Beta Kappa. He majored in English literature.

Chaplain Allen then attended the Episcopal Seminary of the Southwest in Austin, Tex., for two years, and served from

1960 to '63 as rector of St. Luke's Episcopal Church in Plattsmouth, Neb., before joining the Navy Chaplain Corps.

After instruction at the Basic Chaplain School in Newport, R.I., he was assigned for a year to the National Naval Medical Center in Bethesda, Md. Subsequent highlights of his career in the Navy Chaplain Corps include a 3-year assignment as chaplain of Destroyer Division 2 homeported at Newport, R.I., and a year's tour of duty in Vietnam with the 3rd Marine Division.

While with Destroyer Division 2, Chaplain Allen sailed on two cruises to the Mediterranean, with stops at Barcelona (Spain), Naples (Italy), Athens (Greece), some ports in the Persian Gulf, as well as at Madras (India). The WestPac cruise took place during the Vietnam War, and the destroyer he served on operated off the coast of Vietnam, in addition to making stops at Yokosuka (Japan), Hong Kong, and at Subic Bay in the Philippine Islands.

While on duty with the 3rd Marine Division, based at Quang Tri near the northern end of the demilitarized zone, Chaplain Allen met Chaplain Whitaker for the first time. For 8 months of his year in Vietnam, he shared hazardous duty with men of the 9th Marine Regiment's 3rd Battalion.

As soon as family quarters are available for him, Chaplain Allen will be joined here by his wife, Joan. All of their children are living in the Encinitas area, including two older sons, Mark, 26, and David, 24, as well as a daughter, Meredith, 20, and their youngest son, Stephen, 18, who is a student at Palomar Junior College in San Marcos.

Gravity flow method of moving water saves money, energy

Gravity has been helping save both energy and money for the Naval Weapons Center as water has been flowing from the wells at Harvey Field (Inyokern) directly into the Center's main water system with minimum amount of additional pumping.

By use of the gravity flow system, a saving of approximately 170,000 kilowatt hours of electricity is realized; since the gravity flow system is expected to be useful during the low-water-usage months of mid-December to the end of February, a cost saving of some \$8,000 is anticipated.

While gravity flow has always been used, gravity flow can now handle the Center's daily needs if they are not in excess of 1,500,000 to 1,750,000 gallons per day. Changes in the valving and tying the incoming lines from Harvey Field directly into the main water system has reduced the use of a 125 h.p. booster pump at the intermediate station.

Seven wells provide water for the Center's main water system. During the time that only gravity flow is used, wells at the intermediate site are not needed, helping relieve the possibility of a pumping depression at the intermediate site.

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 other desiring employment with the Naval Weapons Center may contact the Employment, Wage and Classification Division, Code 092, Ext. 2049. 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 096 or 097). 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 supervisory 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.

Assistant Technical Director for Electronic Warfare & Head, Electronic Warfare Department, SES Position No. 321, Code 35. As Assistant Technical Director for Electronic Warfare & Head, Electronic Warfare Department, incumbent is responsible for analysis and design of guided missile weapons systems, airborne radio frequency surveillance and homing systems and electronic warfare systems; provides leadership and guidance to a multi-discipline engineering/scientific and support workforce of approximately 230 employees. Qualifications: To be considered basically qualified, applicants must possess: (A) Significant managerial experience at a high level in a multi-disciplined research and development laboratory involved with defense suppression, electronic warfare and development of complex weapons systems or in a position of comparable stature. (B) The ability to apply a full range of managerial skills, knowledge and abilities in the physical sciences and engineering as it relates to defense suppression, electronic warfare, radar and foreign air defense systems including anti-radiation missiles and radar homing and warning systems. The best qualified candidates will be distinguished from those who are basically qualified by reference to the following quality ranking factors: Extensive experience to function as a manager of a large multi-disciplined workforce; extensive experience demonstrating an understanding of defense suppression and electronic warfare; extensive experience in managing scientific developments; extensive experience in interfacing with all levels of management in both the Department of Navy and DoD in regard to advising and representing significant R&D efforts in connection with problems and programs; and ability to effectively implement EEO/Affirmative Action Programs.

File applications for the above with: Head, Employment, Wage & Classification Division (Code 092), Bldg. 34, Rm. 101, Ph. 3590.

Supervisory Computer Programmer, GS-334-12, PD No. 800003E, Code 8842 — The incumbent of this position is Head, Programming Branch, Management Information Systems Division, a unit of the Office of Finance and Management. The incumbent will be responsible for the internal operation and management of the Programming Branch and for providing automated data processing programs for management operations. Job Relevant Criteria: Ability or potential to supervise; knowledge of Management Data Handling Techniques; ability to develop ADP programs and procedures; ability to communicate effectively orally and in writing.

Payroll Clerk (Trainee), GS-501-3, PD No. 697042N, Code 0844 — This position is located in the Payroll Office, Accounting Division, Office of Finance and Management. Incumbent performs routine search of payroll records to correct leave data; prepares changes to employees earnings, deductions, and leave records; prepares reports of leave and earnings data. Job Relevant Criteria: Ability to work rapidly and accurately; ability to interpret and apply regulations; ability to work under pressure; ability to meet deadlines. Promotion potential to GS-5.

File applications for the above with: Teresa Watson, Bldg. 34, Rm. 208, Ph. 2674.

Procurement Analyst, GS-1102-12, PD No. 8031012, Code 3102 — This position is located in the Staff Office of the Systems Development Department. Duties include acting as staff advisor for the procurement of major hardware/software weapon systems. Incumbent will analyze acquisition requirements and plan/develop procurement strategy to meet program objectives. Job Relevant Criteria: Knowledge of contracting techniques and legal aspects of government procurement; ability to analyze the needs of major weapons systems as they relate to contracting and procurement processes.

Chemist, GS-1205-5, PD No. 8030080, Code 3852 — This position is located in the Energy Chemistry Branch, Chemistry Division, Research Department. Incumbent assists in the procurement of chemical equipment and materials required for the conduct of a wide range of research studies. Duties also include assisting senior chemists on research projects. This is a trainee position with potential to GS-9. Applicants will be evaluated by the quality of their education and related experience.

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

Electronics Technician, GS-845-10, PD No. 8032004, Code 3264 — This position is located in the Explosives Technology Branch, Conventional Weapons Division, Ordnance Systems Department. Incumbent is involved in design and development of a variety of equipment used to examine detonation behavior of a wide variety of substances. Equipment involved includes submicrosecond resolution counter-timers, single shot record oscilloscopes, etc. Job Relevant Criteria: Knowledge of digital timing circuits; knowledge of explosive handling regulations and procedures; ability to communicate effectively in writing.

Mechanical Engineering Technician, GS-802-10, PD No. 8032005, Code 3262 — Position is located in the Explosives Technology Branch, Conventional Weapons Division, Ordnance Systems Department. Incumbent prepares test sites and performs a variety of detonation tests; designs hardware used in detonation tests; reports results of tests. Job Relevant Criteria: Knowledge of high speed photography; experience in handling a wide variety of explosive material; ability to communicate effectively both orally and in writing.

File applications for above with: Mary Morrison, Bldg. 34, Rm. 210, Ph. 2293.

Bindery Worker, WP-4002-68, JD No. 227N, Code 3443 — This job is located in the Printing and Reprographics Branch, Graphics Arts Division, Technical Information Department. Incumbent binds books, pamphlets, forms, etc. Adjusts, maintains, and makes minor repairs of equipment. Job Relevant Criteria: Ability to do bindery work without more than normal supervision; ability to

operate automated and power driven equipment of bindery work; knowledge of trade practices of bindery work and related areas; ability to use measuring instruments appropriate to bindery work; ability to interpret and follow instructions and specifications of bindery work; ability to use and maintain tools, instruments, and related bindery work equipment.

Multitask Operator (Total Copy System), WP-4417-10, JD No. 444N, Code 3443 — (2 vac.) These jobs are located in the Printing and Reprographics Branch, Graphic Arts Division, Technical Information Department. Incumbent operates, maintains, and makes minor repairs of complex Xerographic equipment and a multithread total copy system consisting of master images, press, and collator. Job Relevant Criteria: Ability to do the work without more than normal supervision; knowledge of equipment maintenance, repair, operation, etc.; knowledge of material; printing trade knowledge; ability to follow directions, instructions, and specifications.

Technical Publications Writer-Editor (PS&E), GS-1083-7, PD 7924031N or GS-1083-9, PD 7924032M, or GS-1083-11, PD No. 7924034E, Code 3444 — (one vacancy). This position is located in the Field Services Branch No. 4 of the Field Service Division, Technical Information Department at the Naval Air Facility. The incumbent writes original material and edits technical reports and open literature manuscripts pertaining to aircraft systems and aircraft survivability. Job Relevant Criteria: GS-7 — Skill in gathering information; skill in analyzing data and organizing facts; knowledge of publishing techniques. GS-9/11 — Knowledge of aircraft systems and aircraft survivability; knowledge of printing and publishing techniques; knowledge of publishing and printing regulations; skill in interpersonal relations.

Visual Information Assistant, GS-1001-6/7, PD No. 7823047N, Code 3444 — This position is located in the Field Services Branch, Field Services Division, Technical Information Department at the Naval Air Facility. Incumbent designs individual pages for manuscripts, viewgraphs, pamphlets, slides, etc.; arranges charts, art tables, and printed texts; crops and sizes photos; marks reproduction copy with instructions to printers; operates composing machine; proofreads copy; and schedules work. NOTE: Previous experience must be thoroughly documented. Job Relevant Criteria: GS-7 — Skill in layout, or prepare visual materials; knowledge of proofreading techniques, basic grammar, spelling, and correct abbreviations; knowledge of marking repro copy with printers instructions and the sizing and cropping of photographs and illustrations.

File applications for the above with: Linda Bego, Bldg. 34, Rm. 212, Ph. 2736.

Maintenance Foreman, WS 4701-11, PD No. 7826009, Code 26425 — Temporary Promotion NTE 1 year (1 vacancy). This position is at the first full supervisory level in the Maintenance Utilities Division, Mechanical and Electrical Branch, Electrical and AVAC Section, HVAC Shop, Public Works Department. The incumbent plans sequence of operations and work steps of employees who install, maintain, repair or replace refrigeration, air conditioning, and gas heating equipment. The incumbent interprets blueprints and instructions as required; prepares layouts and sketches, requisitions tools, materials, and equipment.

File applications for the above with: Teresa Watson, Bldg. 34, Rm. 208, Ph. 2674.



DIVINE SERVICES

PROTESTANT
Sunday Worship Service 1000
Sunday School—All Ages 0830
Sunday School Classes are held in Chapel Annexes 1, 2, 4, (Dorms 5, 6, 8) located opposite the former Center Restaurant.
Communion Service first Sunday of the Month.

ECUMENICAL
Wednesday Noon Bible Study 1130
Thursday Men's Prayer Breakfast 0630

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

CONFESSIONS
Daily 1115 to 1130
Sunday 0800 to 0825

RELIGIOUS EDUCATION CLASSES
Sunday Pre-school thru 11th grade 1000
Above classes are held in the Chapel Annex across from the former Center Restaurant.
Sunday afternoon 12th grade 1630
As announced "In Home" Discussion Groups and Youth Rallies

Contact Chaplain's Office for specifics.

JEWISH SERVICES
EASTWING—ALL FAITH CHAPEL
Sabbath Services every Friday 1930
UNITARIANS
CHAPEL ANNEX 95
Sunday Services—(Sept.-May) 1930

Triangle keglers hold 7-game lead in Premier League

A three-game sweep by the Triangle Mobile Homes keglers over the Partlow Construction squad enabled the Triangle team to boost its first place lead to seven games in Monday night's Premier League action at Hall Memorial Lanes.

The Raytheon Sidewinders, who are in second place, dropped another game off the pace as the result of losing two out of three games to Clancey's Claim Co.

High team game honors for the night, paced by a score of 986, were garnered by The Place, while the Triangle Mobile Homes bowlers rolled the high team series score of 2,800.

Six Premier League bowlers topped the 600 series mark. This included a triple 200 series by Kim Duckett, whose single games scores of 207, 216, and 212 added up to a 635 series.

Others with three-game totals of more than 600 were John Thering (649), Joe Kokosenski (624), Walte Ernde (613), and George Barker and Jim Wright (612).

League play . . .

(Continued on Page 7)

Division C competition. The Poochies, who have a one-game lead over other teams in this division, remained on top by defeating the Pizza Villa Floorburners, 42-30. Scoring honors in this game were shared by Ron Atkins and John Burmeister, who hit 11 points each for the Poochies.

The Gas Bags remained within striking distance of the Division C leaders by chalking up a 32-25 victory over the Brown Sugar hoopers. Ronny Cayanan's 9 points for Brown Sugar were tops for any player in this low-scoring game, while two players for the Gas Bags (Forrest Strobel and Paul Fry) had 8 points each.

In the only other Division C game played last week, the Comarco Chickenhawks pecked their way to a 39-32 win over the Pizza Villa Floorburners. Rick Nolan was almost the entire offense for the Chickenhawks, as he tallied 22 points. The Floorburners were led in the scoring department by Art Castillo, who had 12.



—Photo by Ralph Halcomb

HIT THE OPEN MAN — Sieve Motte, center for the Burros, flips the ball to Richi Drake (No. 20), who is open for a shot from the corner during the Burroos vs. Palmdale varsity hoop tilt. Ready to move into position to try to prevent a basket are Dave Roper (52) and Larry Culver (40), two Palmdale players.

Burros cagers continue win streak . . .

(Continued from Page 6)

in the Palmdale game by scoring 17 points each, and Dalton Heyward chipped in 10 more for Burroogs.

On Tuesday night at Quartz Hill, the Burros, who are now being pointed for by every team they meet, had a few anxious moments before chalking up a 71-61 victory. The Rebels improved as the game went along — coming through with their best field goal shooting effort (53 percent) in the fourth quarter.

It was the Burros' proficiency at the free throw line during the final 8 min. of action that not only kept them in the game, but enabled them to build up their biggest lead (a margin of 13 points) with 3 min. to go until the final buzzer.

The Rebels were able to reduce the BHS lead to 10 before time ran out, ending a contest that gave the BHS varsity hoopers

their eighth straight Golden League victory.

Prior to the final period of play, the Burros got off to a 11-6 first quarter lead, and outscored the Rebels, 23-22, in the second period for a 34-28 halftime advantage.

A 10 point BHS lead late in the third quarter was reduced to 6 by the Rebels before the period ended with Burros on top 46-40. Richi Drake, BHS guard, hit two field goals and a free throw as the fourth quarter got underway. This spurt shot the Burros into a 11 point lead that was increased to 13 later in the fourth period, as the local varsity cagers wrapped up another league win.

Wirtz was the game's high point man with 17 (10 in the second quarter), and also led in rebounds with 10. Others who contributed 10 or more points to the Burros' well rounded offense were Motte (13), and Heyward, Brown and Richi Drake (10 points each).

Steps taken to open up use of golf course

In a move aimed at offsetting losses due to cutbacks in supplemental funding sources, recreation fees for the use of various facilities and participation in athletic programs at the Naval Weapons Center are being increased beginning today in most cases.

The China Lake golf course is required to be 100 percent self-sufficient, with user fees paying for all personnel costs as well as course maintenance. It is hoped that through a series of initiatives to include minor fee increases, innovative programming, and an increased participant base, that operation of the golf course will become self-sufficient.

Beginning today, fees at the golf course will change along with other recreation fees. The major changes at the golf course are in user categories. A reduced price has been added for senior citizens and retired personnel. The course may be used by military, DoD civilians, private citizens (non-DoD civilians), and all dependents. Membership categories include single, family, or youth.

In the past all patrons who dropped their membership had to wait for one year to renew, or pay all membership fees for which they were in arrears. This requirement is being dropped. Those currently in arrears are being asked to pay for one previous month. Beginning today, however, a new system will be put into effect for new members.

At this time, all participants have three fee options: daily greens fees; monthly fees covering 30 consecutive days from the day of purchase with no obligation for paying yearly; and annual fees that must be paid in advance for the entire year. No refund will

be made on annual fees unless the individual moves away for a period of more than 3 consecutive months.

Monthly fees are being raised \$5 to \$10, but special rates and benefits are offered in various ways: yearly members will receive three months' free play out of twelve; two or more family members are covered under a special rate; and youth memberships may be purchased separately at reduced fees or youth may be included in family memberships.

Daily fees for weekdays have been lowered to encourage more players, and weekday fees for 18 holes will allow for unlimited play during that day unless special events are scheduled.

Special rates will be announced during the year for introductory offers, senior citizen days, and other special group rates. Play is light on weekdays as well as on weekend afternoons, so there is plenty of room for additional members. Memberships are available.

New fees are as follows:
E-1 to E-5 — daily fees, \$1.50 (9 holes), \$3 (18 holes); weekends and holidays, \$3 (9 holes), \$5 (18 holes); monthly, \$4 for one, or \$5 for two or more in the same family; annual, \$36 for one, or \$45 for two or more in the same family.

E-6 to E-9 — daily fees, \$1.50 (9 holes), \$3 (18 holes); weekends and holidays, \$3 (9 holes), \$5 (18 holes); monthly, \$8 for one, or \$12 for two or more in the same family; annual, \$72 for one, or \$108 for two or more in the same family.

Officers, retired military, and reservists — daily fees, \$2.50 (9 holes), \$4 (18 holes); weekends and holidays, \$5 (9 holes), \$7 (18 holes); monthly, \$20 for one, or \$30 for two

or more in the same family; annual, \$180 for one or \$270 for two or more in the same family.

Retired DoD civilians — daily fees, \$3 (9 holes), \$5 (18 holes); weekends and holidays, \$6 (9 holes), \$9 (18 holes); monthly, \$25 for one, or \$36 for two or more in the same family; annual, \$225 for one, or \$324 for two or more in the same family.

DoD civilians and senior citizens associates (62 years or older) — daily fees, \$3 (9 holes), \$5 (18 holes); weekends and holidays, \$6 (9 holes), \$9 (18 holes); monthly, \$30 for one, or \$40 for two or more in the same family; annual, \$270 for one or \$360 for two or more in the same family.

Associate members — daily fees, \$4 (9 holes), \$6 (18 holes); weekends and holidays, \$7 (9 holes), \$10 (18 holes). Second family members and guests of associate members pay the same daily and weekend fees. Monthly, \$35 for one, or \$50 for two or more in the same family; annual, \$315 for one, or \$450 for two or more in the same family.

All youth (8-17 years of age) — daily fees, \$1.50 (9 holes), \$3 (18 holes); weekends and holidays, \$3 (9 holes), \$5 (18 holes); monthly \$10 for one, \$15 for two, and \$20 for three family members; annual, \$90 for one, \$135 for two, and \$180 for three family members. If youths are included as family members, they do not have to pay separate youth fees.

Electric carts may be rented daily for \$4.50 (9 holes), or \$6.50 (18 holes), and on weekends and holidays, \$5 (9 holes), or \$7 (18 holes). There is a \$1 reservation charge for golf carts that is refundable if the cart is cancelled at least one hour prior to starting time.

Opportunities . . .

(Continued from Page 2)

needed: plans division of work load among employees; assigns work to employees; directly supervises air conditioning equipment mechanics, and boiler plant equipment mechanics helper. Job Relevant Criteria: Ability to supervise; technical practices; ability to interpret instructions, specifications, etc.; knowledge of materials; knowledge of pertinent tools and equipment. File SF-172 and Supplemental Wage Grade Supervisory Information sheet with Code 097 to be received not later than Feb. 22, 1980. Forms may be obtained in the Personnel Bldg., Rm. 210.

Painter Foreman, WS-4102-9, PD No. 7170009, Code 26442 — Temporary Promotion NTE 1 year (1 vacancy). This position is at the first full supervisory level in the Maintenance Utilities Division, Building Trades Branch, Paint Section. The function of this Section is to paint and decorate the interior and exterior of F.H.A. Quarters, Commercial Buildings, in the immediate areas and in the outlying areas which include the explosives areas, ranges and N.A.F., also equipment and machinery. The incumbent plans sequence of operations and work steps of employees supervised; interprets blueprints and instructions as required; prepares layout and sketches; requisitions tools, materials and equipment needed; plans division of work load among employees; assigns work to employees. In order to make these determinations, incumbent must be familiar with the theory, practices, techniques, and work methods of the trades supervised, including the ability to read and interpret to others blueprints, specifications, manuals, and technical directives. Job Relevant Criteria: Ability to supervise; technical practices; ability to interpret instructions, specifications, etc.; knowledge of materials; knowledge of pertinent tools and equipment. File SF-172 and Supplemental Wage Grade Supervisory Information sheet with Code 097 to be received not later than Feb. 22, 1980. Forms may be obtained in the Personnel Bldg., Rm. 210. NOTE: Permanent promotion may be made at a later date as a result of this ad.

File applications for above with: Linda Long, Bldg. 34, Rm. 210, Ph. 2022.

Electronics Engineer, GS-855-13, PD No. 803101E, Code 3233 — This position is located in the Advanced Technology Projects Branch, Fuze Systems Division, Fuze and Sensors Department. The incumbent will serve as project engineer for assigned research and development programs in proximity fuze systems. Specific areas of responsibility include: project management and coordination; technical supervision of project personnel; overall design on development of the TD system; analysis and evaluation of the TD system. Job Relevant Criteria: Knowledge of design, development, testing and/or analysis of TD components or systems. Knowledge of electronic engineering fundamentals including solid state devices, circuit theory, electro-optical techniques, etc. Knowledge of computer methods of data reduction and analysis. Ability to meet and deal with all levels of personnel.

File applications for the above with: Susie Cross, Bldg. 34, Rm. 208, Ph. 2371.

Electronics Engineer, GS-855-11 or 12, PD No. 783602E, Code 3622 — This position is that of electronics engineer located in the Systems Electronics Branch, Code 3622, Engineering Design Division, Engineering Department. The primary functions of this Branch are electronic circuit design and analysis, systems engineering, contract liaison on air and surface launched missile guidance systems, and evaluation and analysis of prototype missiles with associated test equipment. The branch actively participates in the development phases of the above systems to facilitate the transition of the system from development to production. Job Relevant Criteria: Ability to perform design improvement of electronic circuits and devices; knowledge of electronic equipment production operations.

Electronics Engineer, GS-855-11/12, PD No. 793602E, Code 3622 — This position is located in the Missile Support and Test Branch, Systems Engineering Division, Engineering Department. The position provides engineering evaluation and testing of various weapons systems in relation to production and Fleet use. Major functions are production engineering including funding estimates and technical direction on portions of weapons systems contracts; test coordination, involving managing missiles systems test programs; optical and infrared calibration of air-to-air heat-seeking missiles. Job Relevant Criteria: Ability to perform engineering evaluations of electrical and electronic components; ability to perform test development review or management; ability to perform alignment and calibration of optical-infrared systems. Occasional travel required.

File applications for the above with: Marge Stanton, Bldg. 34, Rm. 206, Ph. 2925.

Administrative Assistant, GS-341-5 or 7, PD No. 792194N, Code 6202 — Notice is given that the position identified above, which was advertised 1-4-80 through 1-11-80 is to be filled at the GS-7 level only. All other aspects of the job are unchanged.

Electronics Technician, GS-856-9, 10, or 11, PD No. 7862015N, Code 4241 — This position is located in the Telemetry Systems Branch of the Range Department. The primary function of the branch is to provide engineering support for the design, development, fabrication, engineering documentation, test, and evaluation of telemetry systems and components for application to weapons, aircraft, and ground instrumentation. The incumbent will assist in the design and development of environmental instrumentation of telemetry systems and associated instrumentation in current usage by the branch. He will also conduct validation tests of telemetry design proposals. Job Relevant Criteria: Knowledge of electronic systems operation, test, and maintenance; knowledge of solid state devices; ability to work with others.

File applications for the above with: Bonnie Owens, Bldg. 34, Rm. 204, Ph. 2577 or 3118.

Assistant Manager, temporary full time not to exceed 1 year, UA-1101-05, 55.41 ph, evenings and weekends — Chief Petty Officers' Mess Open. This is not a Civil Service position. Incumbent acts as club manager in the manager's absence, evenings and weekends with full responsibility and authority in all operational matters. Duties include menu planning, patron liaison, party arrangements, handling complaints, personnel and financial reports. Qualification Requirements: Must have a background in food operations, including administration, cost accounting, food preparation, food and beverage control, and purchasing specifications for food and beverages gained through actual experience or formal college training degree earned by satisfactorily completing courses in the operation of hotels and restaurants.

Apply for the above with Cheryl Hartley, Special Services, Bldg. 21, Ph. 3387.

The Rocketeer

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Technical Information Department
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Loewen's A hoopsters pick up another win in intramural league

Loewen's A team continued to dominate Division A of the China Lake Intramural Basketball League last week — picking up a forfeit win by a score of 55-42 over the Sports Etc. Raiders.

Mike Graham led the division leaders by scoring 21 of his team's 55 points. The victory on Thursday night, Jan. 24, was the ninth in a row for the Loewen's A hoopsters.

In the only other Division A game played last week, the Seattle II cagers just missed winning their second game of the season — only to be defeated 49-47 by Desert Motors.

A second half rally by the Seattle II squad, which trailed 25-15 at the half, nearly turned the trick. L. T. Lowery, of the Seattle II team, was the high point man in this game with 15, while Mike Rindt led Desert Motors with 14.

Thanks to an assist from the Bebops, who knocked off the Loewen's B team by a score of 68-56, the Burger King squad moved into a first place tie with Loewen's for the lead in Division B of the Intramural Basketball League. Both team now have 7-1 records.

The Bebops, paced by the 18 points of Mike Hicks, had a hot hand in the first half as they built up a 35-20 lead over the Loewen's B hoopsters. Both teams traded baskets in the second half—with the edge (36-33) going to Loewen's B. The difference wasn't enough, however, to make up for the Bebops' early lead. Garyl Smith was the top scorer for Loewen's B with 15 points.

While the Bebops were tangling with the Division B leaders, the Burger King squad posted wins last week at the expense of two of the less potent teams in this division.

The Burger King cagers defeated the Nuggets 51-42 and scuttled the James Gang by a score of 53-37. Randy Johnson looped in 23 points in a losing cause for the Nuggets, while Doug Taylor was high point man for the Burger King squad with 14 against the Nuggets and 22 in his team's victory over the James Gang.

In another Division B basketball game played last week, the Bebops strengthened their grip on third place by posting an 83-50 win over the Night Stalkers. The victors, who were out in front by a score of 37-23 at the midway point in the game, continued to scorch the hoop in the second half—being led by Tony Jeanjaquet, who tallied 18.

There were no surprises last week in

NWC varsity squad loses to Seabees in basketball tourney

It was close but no cigar last week for the NWC varsity team in the 11th Naval District northern area basketball tournament held Jan. 21-25 at Port Hueneme.

The China Lakers defeated their counterparts from Pt. Mugu 98-86 in the first tourney tilt, but then lost, 86-79, to Port Hueneme in game No. 2.

This brought on a rematch against Pt. Mugu, and once again the local hoopsters downed the Missilers — this time by a score of 92-79.

In the final two tournament tilts, the NWC varsity surprised the Port Hueneme Seabees, defeating them 98-81 on Thursday night of last week. Then in the final game of the basketball tourney last Friday, the China Lakers lost to the Seabees by a score of 92-81.

Three more league foes fall to Burros varsity cagers

Burroughs High School's boys' varsity basketball team continued the successful defense of its Golden League championship by knocking off three league foes in the past week.

The Burros, coached by Larry Bird, battered Antelope Valley 88-46 in a game played last Friday night at the BHS gym, and then handed the Palmdale Falcons their first league loss of the 1980 season in another home game on Saturday. The final

score was 63-52 in favor of Burroughs.

On Tuesday night in a rematch at Quartz Hill, the Burros won their third league tilt in a span of five days by turning back the Rebels by a score of 71-61.

Tonight, the BHS varsity will entertain the Hart High School Indians. Tip-off time for the varsity contest is 8 o'clock — following freshman and junior varsity games at 5 and 6:30 p.m., respectively.

The AV varsity quintet from Lancaster

managed to make things interesting for the Burros for the first half of the first period of last Friday night's game. Up until that point in what started out to be a low-scoring tilt, the Antelopes and Burros were tied with 8 points apiece.

In the next 4 min. of play, however, the Burros outscored their opponents 17 to 4 and were on their way to a lopsided victory. Two field goals each by Billy Brown, Mike Wirtz and Curtis Edmonson sparked the BHS first quarter surge.

Before the halftime intermission, Coach Bird was able to substitute liberally (and did so) as the Burros continued to roll up the score. When the two teams headed for the locker room at the mid-game break, the BHS varsity held a comfortable lead of 45-23.

The final two periods of play saw more of the same as the Burros built up a 30-point lead of 68-38, and then outscored their opponents by a margin of 20 to 6 in the final 8 minutes of action to win, going away, by a score of 88-46.

Against Antelope Valley, the Burros shot a hot 58 percent from the floor and held a 43-30 advantage in the rebound department. The game's high point man was Billy Brown of Burroughs with 20, but four of Brown's teammates also ended up in the double-figure scoring column. They were Steve Motte (16), Mike Wirtz (14), Dalton Heyward (11), and Richi Drake (10).

In contrast to the AV hoopsters, the visitors from Palmdale gave the Burros varsity cagers about all they could handle last Saturday night before losing by a final score of 63-52.

The Falcons made the capacity crowd of BHS basketball fans a bit nervous by getting off to a 6-1 start, but the Burros responded to the challenge by hitting four field goals and a pair of free throws during a low-scoring first period that ended with the local team out in front 11-6.

Defensive play dominated the game in the second period, and the Burros left the floor at halftime with a 6-point lead of 27-21.

Mike Wirtz, stellar forward for Burroughs, took up some of the slack in the Burros' offense by scoring 8 points in the third period, which ended with the BHS varsity ahead by a 9-point margin of 41-32. Fourth period action was the hottest of the contest, but once again the Burros held the upper hand in the scoring department — though only by 2 points (22-20).

Steve Motte, center for Burroughs, tallied 10 of the 22 points for the Burros in the last 8 min. of play — hitting three field goals and four free throws.

Wirtz and Motte tied for high point honors

(Continued on Page 7)

Women's team loses in 11th ND tourney held at San Diego

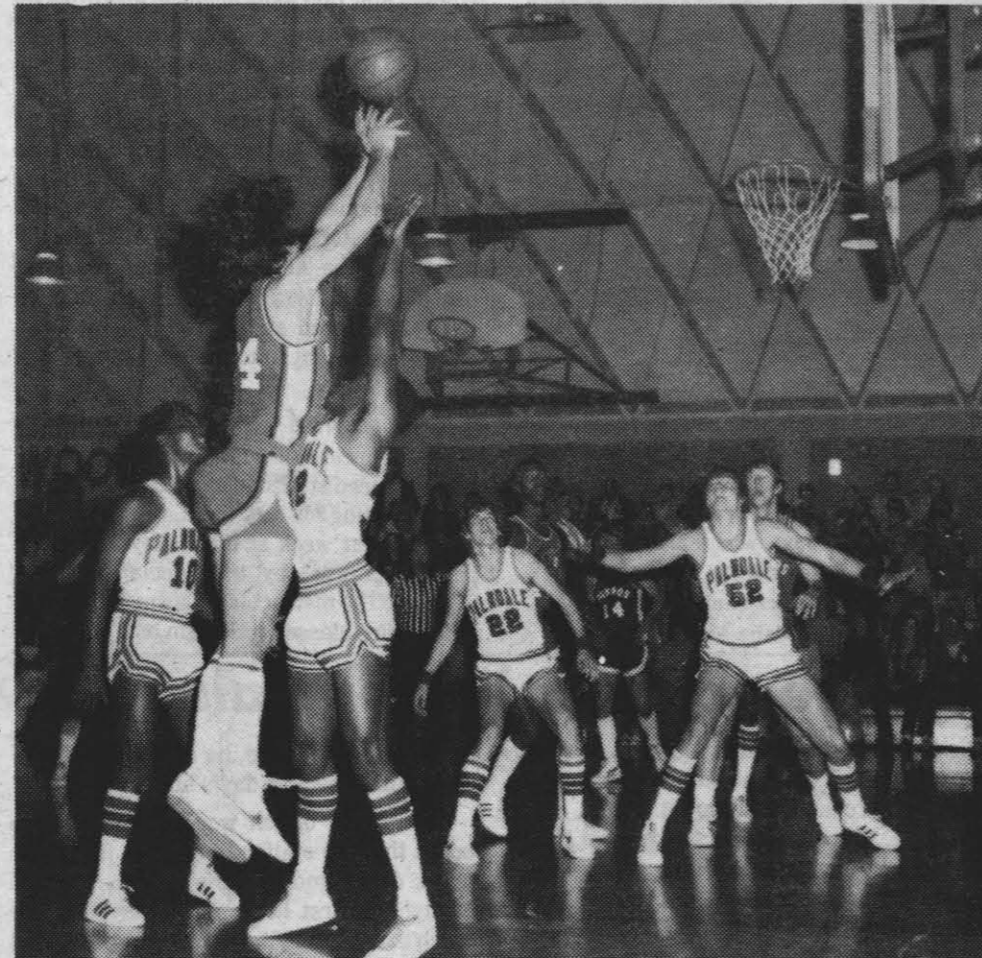
"We were overmatched and definitely out of our league," Colleen McKenzie, player-coach of the military women's basketball team that represented the Naval Weapons Center in the 11th Naval District regional basketball tournament in San Diego, reported following the local team's return from that event last week.

The China Lakers were defeated by lopsided scores in games played against NAS North Island (the defending tourney champions) and the Naval Training Center, San Diego.

Despite losing, Lt. McKenzie stated that she was very pleased with the spirit of the local women's basketball team, and the fact that the players never gave up even when they were trailing by a sizable margin.

Favorable comments along this line were received from other participants in the tourney regarding the efforts by the NWC military women's basketball team, Lt. McKenzie stated.

In addition to the player-coach, others who competed in San Diego were Barbara Langstrand, Billi Taylor, Mary Johnson, Sue O'Grady, Patty Hartman, Tracy Hinds, and Georgia Allen.



CLOSE GUARDING — Mike Wirtz, ace forward for the Burroughs High boys' varsity basketball team, gets off a shot at the basket despite close guarding by Lannel Culver of the Palmdale Falcons. The Burros took over sole possession of first place in the Golden League last Saturday by their 63-52 win over Palmdale. Screening other BHS players away from the ball in hope of grabbing a possible rebound are Brett Moore (22) and Dave Roper (52). —Photo by Ralph Halcomb

Enlisted man from airfield is now attending basketball training camp

AMHAN Skip McIntosh, a Navy enlisted man assigned to duty at the Armitage Airfield Cold Line who is in training for work as a plane captain on the OV-10 aircraft, was due to arrive today at the Naval Air Station, Corpus Christi, Tex., for a month's participation in the Navy basketball training camp.

McIntosh, who is the leading scorer on the NWC varsity quintet, is trying out for possible selection on a team that will represent the Navy in the 1980 men's interservice basketball championship competition.

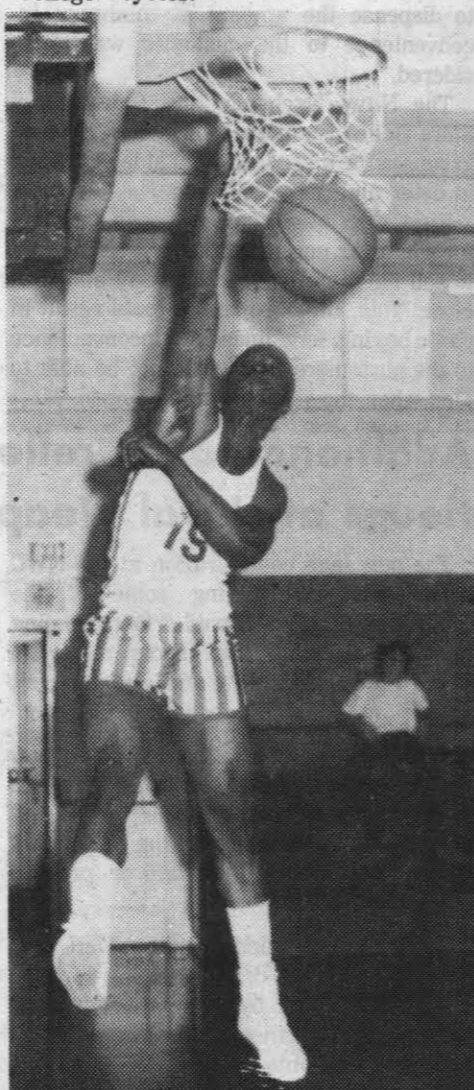
Prior to joining the Navy, McIntosh was selected as a member of the second team small college All-American basketball squad for his performance during the 1978-79 season at Henderson State College in Arkadelphia, Ark. In addition to playing a good, all-around game, he had a scoring average of 16 points per game.

Highlight of the 1976-77 season for McIntosh was playing on the Lawson State Community College team in Birmingham, Ala. This team won the state tournament and placed fourth in the National Junior College Tourney at Hutchinson, Kans. McIntosh, who is 6 ft. tall, was singled out as the "best little man" in the National Junior College Tournament.

During his high school years, McIntosh played in 1972-73 for DeWitt Clinton High School in New York City, and was chosen on the all city team. The following year, he attended Parker High School in Birmingham, Ala., where he played on a team that won the state championship.

At the conclusion of the 1974-75 season, McIntosh was singled out for honorable mention on the Birmingham all-city basketball team.

During the current basketball season, he broke loose on a 55-point scoring binge in a game played by the NWC varsity basketball team against the Cerro Coso Community College Coyotes.



Skip McIntosh



EFFORTS RECOGNIZED — Bill Davis (l.), head of the Safety and Security Department, watches as Capt. W. B. Haf, NWC Commander, presents a certificate proclaiming that NWC was a winner in the annual Fire Protection Association competition to Leroy O. O'Laughlin, Fire Chief, and Fire Inspector Gene Villalba. Villalba submitted the Center's entry on behalf of the Fire Division; the submission detailed the Fire Division's innovative program of teaching fire safety to school children. —Photo by Ron Allen

NWC Fire Division wins award in competition to promote fire safety

The Naval Weapons Center's Fire Division has been named one of the winners in the National Fire Protection Association's annual competition to promote fire safety.

Fire Inspector Gene Villalba, who submitted the entry for the Fire Division, was the winner of one of the 12 prizes in the 1979 Government and Military Division phase of the contest. Award recipients were chosen from 69 entrants in the U.S. and Canada. The award consisted of a Certificate and \$150 worth of fire protection training materials. There were 436 DoD Fire Departments eligible to participate in this contest.

Villalba's entry detailed ways NWC is attempting to teach children fire safety, a program that is now in its third year.

The main thrust of the Fire Division program is to reverse the normal learning pattern of "parents teaching children," by reaching the children each year at their

Exceptions may be granted to heating, cooling regulations

A procedure has been established to aid Center personnel who have valid medical reasons for requiring exceptions to the mandated heating and cooling regulations (no more than 65 degrees temperatures in winter, and no less than 78 degree temperatures in summer), or to the lighting standards being achieved by the delamping program.

Personnel requesting exceptions must file the request and supporting medical evidence with the Industrial Hygienist, P. R. Cuykendall, who is located in the Occupational Health Service office in the Naval Regional Medical Center branch clinic.

A notation of the requirement will then be filed in the individual's personnel records so that it will accompany the individual in case of a transfer to another organization.

lowest grade level (1st-4th) during their formative years.

The Fire Division takes "fire safety" to the schools through team teaching, poster and essay contests, conducts exit drills, fire demonstrations with student participation, and follows an open door policy at the structural fire station No. 1 and, with special arrangement, at aircraft crash and rescue fire station No. 3.

In addition, as part of the program, the Fire Division provides displays and distributes materials at community events, such as fairs, festivals and parades.

This is a "partners in protection" effort with the U.S. Bureau of Land Management, the U.S. Forest Service, Kern County Municipal Fire Department and the Naval Weapons Center.

Judges for the 1979 Government and Military Division competition were Jack A. Bono, president of the Society of Fire Protection Engineers and of Underwriters Laboratories, Inc.; Lt. Col G. W. L. MacLean, Canadian Forces Fire Marshal, Department of Defense, Canada; and Edward H. McCormack, secretary of the International Society of Fire Service Instructors.

Briefings slated . . .

(Continued from Page 1)

deavor to determine what should be included in a performance evaluation system for NWC.

For this reason, it was pointed out by one task team member, it is more important to receive employee feedback now rather than after the proposed performance evaluation system has been finalized.

Those who attend the briefings on Monday afternoon will receive information on ideas and methods that may be the basis for development of any proposed performance evaluation system for NWC. At the same time, Centerites are invited to ask questions and offer their own comments and suggestions on this important matter.

Capacity crowd expected for 1980 National Prayer Breakfast on Feb. 7

A capacity crowd is expected next Thursday morning, Feb. 7, for the local observance of the 1980 National Prayer Breakfast which will take place at the Chief Petty Officers' Club.

A complete breakfast will be served, starting at 5:45 a.m., and the program that will follow is to be concluded by around 7:15 a.m.

According to John Hartwig, co-chairman of this year's event along with David Wirtz, the focal point of concern that will be expressed at the Prayer Breakfast will be the recent political and military developments both in Iran and Afghanistan.

"It seems appropriate at this time that while our national leaders are assessing our military, political, and economic resources, that we here also examine our spiritual resources — keeping God in the right perspective," Hartwig said.

The National Prayer Breakfast program will be opened with the invocation given by Mrs. Rose Varga, of the NWC Hebrew Congregation, and the pledge of allegiance led by LCdr. Ray Allee, aircraft systems officer for Air Test and Evaluation Squadron Five (VX-5).

The morning's inspirational message will be delivered by Capt. Louis Aldana, NWC Vice Commander, and there will be vocal music selections by the Sweet Adelines Chorus, directed by Eleanor Hartwig, as well as a vocal solo, "My Tribute," sung by Mary May of the All Faith Chapel Catholic Congregation. She will be accompanied at the piano by Louise Russell.

The Prayer Breakfast program also will include a Scripture reading by Mrs. Judy Lind, of the Unitarian Fellowship; a prayer by Cdr. John Allen, new senior chaplain at NWC, and the benediction by ET2 David Brock.

Because of the limited seating capacity of

Energy conservation tip

Be careful when you're using hot water. Avoid letting it run down the drain. Turn on the hot water only when you need it for washing dishes or doing other household chores. Your lower utility bill will be your reward.

the CPO Club, just 250 tickets (which are being offered for a donation of \$1 each) will be available for the Prayer Breakfast — an event sponsored by the NWC All Faith Chapel.

The tickets can be obtained at the All Faith Chapel office or from representatives of the chapel's Protestant, Catholic, Hebrew and Unitarian congregations.

Earthquakes pose danger here also . . .

(Continued from Page 1)

was the case several years back because of the increase in off-Center housing. "Navy housing doesn't have much gingerbread," he says. "Other homes that meet building code standards should also be all right if they were properly inspected during construction."

Some kinds of construction are subject to special hazards. Mobile homes that are not bolted to the concrete piers under them will bounce off during even a moderate quake. All housing should be firmly attached to its foundation to prevent slippage.

A well-constructed house will have both lateral and diagonal crossbracing. Brick or concrete block houses need steel reinforcement; a veneer of bricks around a frame house will probably not survive an earth shock.

Potential Hazards

Hazardous also are air conditioners or heat pumps attached to a roof. These can break loose when a building shakes and crash through the roof. Even large roof-mounted swamp coolers are heavy enough to be hazardous.

Franklin stoves or other wood-burning heaters must be bolted to the floor so they will not throw hot coals across the room during an earthquake; fires following the San Francisco quake of 1906 caused more damage than the initial quake itself. Stovepipes and chimneys also need to be well-secured.

Major utility companies have acceleration cut-offs on their lines to shut off gas, water, and electricity in a severe earthquake, but wary home-owners can purchase devices that will ensure that their gas and electricity are cut off in a quake to lessen fire danger.

Heavy pictures should not be hung directly over beds, and large expanses of

glass above a bed should be taped so that shards will not injure anyone who is sleeping.

Bookshelves and other free-standing units need to be attached to a wall. Even one screw, says Dr. St.-Amand, will keep the wall from tapping the bookcase and throwing books or other items across a room.

Heavy items should be stored close to the ground rather than on high shelves (or in garage rafters). Paint cans can be a special hazard because they can crack if they fall several feet; any paints, other than acrylic

or water-based paints, are flammable. (Ideally, Dr. St.-Amand notes, all flammables should be stored outside well away from any house or garage, whether or not an earthquake could occur.)

All families should keep enough food for a week or more on hand; supply shipments are disrupted during any major emergency. If power is cut off, food will keep in a freezer only for about two days before it needs to be cooked; emergency foods, therefore, must be either canned or dehydrated. Staples like rice, beans, and flour also keep well.

Safety Tip — Remain Indoors

Dr. St.-Amand advises those who are inside when an earthquake occurs to remain inside so they will not be hit by debris falling from buildings or by falling power lines. Building walls that fall are far more apt to fall outward than inward, he notes.

(During the 1872 Owens Valley quake the only building then standing in the IWW — that now housing the Indian Wells Valley Lodge — lost two walls. No one inside was hurt.)

Anyone who is driving will probably not feel an earthquake unless it is severe. If such a quake does occur, drivers would be best off pulling to the side of the road well clear of falling power lines and waiting until the earth stops shaking before proceeding.

Dr. St.-Amand advises drivers to remember that freeway overpasses and bridges often suffer damage. Following earth shocks these need to be approached with care.

Another road hazard is created by boulders rolled loose in a quake or by landslides. "Be sure that the ground has stopped shaking before you travel a mountain road," Dr. St.-Amand advises, "boulders rolling down a hill can be car-size or larger, and, with a landslide, the whole road may have vanished."



SHAKEN LOOSE — The toppled tombstone following the Nicaraguan quake of 1972 shows dramatically what happens with any structure that is not firmly bolted to a foundation. Mobile homes are especially susceptible to slippage from their concrete pier foundations.

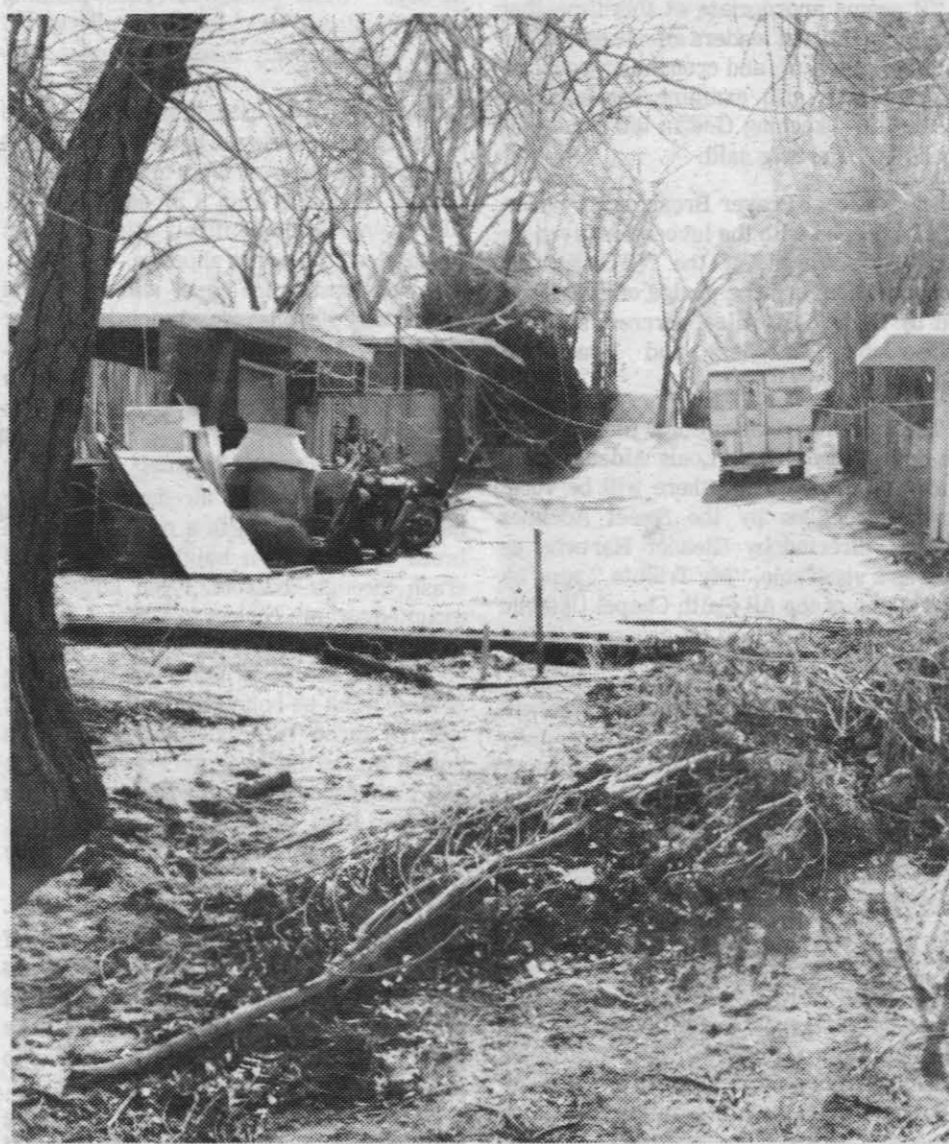
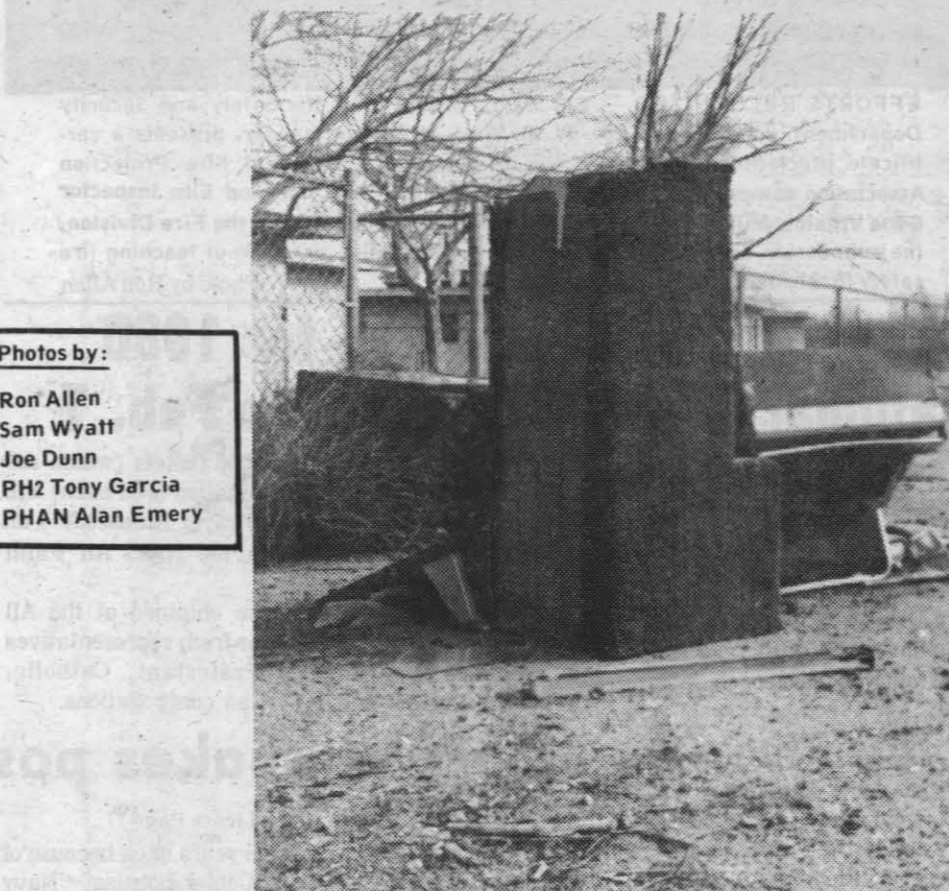
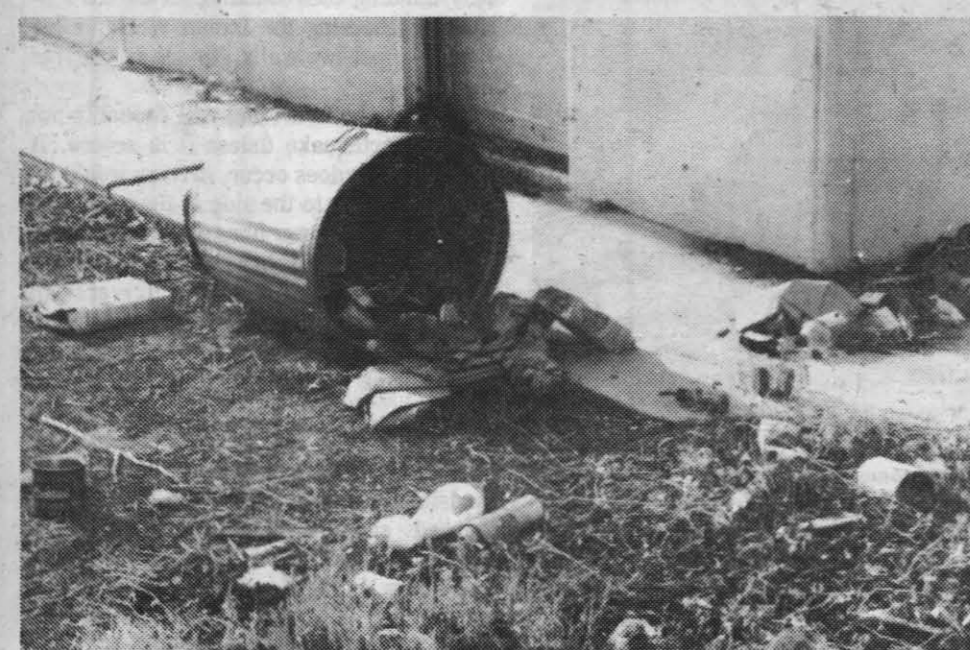
Get involved

Evidence shows need for cleanup effort at China Lake



Photos by:

- Ron Allen
- Sam Wyatt
- Joe Dunn
- PH2 Tony Garcia
- PHAN Alan Emery



Happenings around NWC

Patrons of the Special Services Division's Wood and Electronics Hobby Shop who have locked storage bins at the hobby shop are asked to come in between now and Friday, Feb. 15, to place name tags on the lockers and pay locker use fees.

Those who have lockers they are no longer using are asked to clean them out.

After Feb. 15 if there are still locked storage bins that have not been identified by having a name tag placed on them, the padlocks will be cut off, lockers opened, and the contents disposed of.

In addition, any loose projects stored in the Wood and Electronics Hobby Shop also must be identified with a tag listing the owner's name.

Similar steps also must be taken by patrons of the Auto Hobby Shop, who are asked to identify and place name tags on parts left stored at the Auto Hobby Shop. After Feb. 15, any auto parts not tagged will be thrown out.

Ceramics Classes Slated

Classes in ceramics making for beginning and advanced students, as well as a class in china painting for beginners, will be offered starting next week at the Hobby and Craft Center operated by the Special Services Division. The instructor is Tawna Bryant.

Ceramics classes will begin on Feb. 5 and

be held on Tuesdays and Wednesdays, from 6 to 7:30 p.m., for a period of six weeks. There is a registration fee of \$10 per student that must be paid in addition to the cost of supplies that are used.

The china painting course for beginners will get underway next Friday, Feb. 8, and continue from 6 to 7:30 p.m. each Friday thereafter for five weeks. The registration fee is \$15 and students also must pay for the cost of materials used.

There is a limit of 10 students for each of these classes. Additional information can be obtained by calling NWC ext. 2942 or 3252.

Mammoth Ski Trip Planned

The Recreation Branch in the Special Services Division is offering a ski trip to the Mammoth Lakes area on Saturday, Feb. 9.

An 11-passenger van will leave from the Recreation Coordination Office, located next door to the Center gym, at 4:30 a.m. on Feb. 9 and return at approximately 10 o'clock that night.

The round trip cost for transportation only is \$8 for military personnel and \$10 for civilian employees of NWC. Payment for transportation is due at the time reservations are made at the Recreation Coordination Office.

If space is still available, reservations will be accepted Feb. 6 through 8 from civilians.

Those interested can obtain information on ski equipment rental costs and the price of ski lift tickets by calling NWC ext. 2010.

Women's Center Program

A program featuring readings on the changing status and roles of women will be held Monday evening in observance of the birthday of Susan B. Anthony, well-known leader in the fight to obtain voting rights for women, who died in 1906.

This event, arranged by the Women's Center—High Desert, will be held at 7:30 p.m. at the home of Doline Colter, 319 Holly Canyon Dr., Ridgecrest.

Musical entertainment will be provided by Jean and Jim Strathe, singers of folk songs. Those who attend are asked to bring a snack to share.

Mobile blood bank schedules visit to Ridgecrest Tuesday

Another of the regularly scheduled visits to Ridgecrest by the Houchin Community Blood Bank's mobile unit from Bakersfield will take place on Tuesday from 1 to 6 p.m.

Pints of blood contributed to the Indian Wells Valley Blood Bank's Advanced Fund will be collected at the Ridgecrest Elks Lodge, 200 E. Church St.

According to Kay Thoms, chairman, individuals may designate the person to whom their blood is to be given, or contribute a pint of blood to the IWV Blood Bank's Advanced Fund for whoever may need it.

Those who donate blood in a particular patient's name must, however, follow up and contact Mrs. Thoms by calling 375-4323, since she is the only person in this part of Kern County who can arrange for the release of blood from the Houchin Blood Bank.

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

Persons whose pulse rate is over 100 will be rejected as blood donors, and anyone who has ever had hepatitis, cancer, tuberculosis, heart disease, or syphilis is banned from giving blood. In addition, prospective donors who are taking any kind of medications should let the nurse know what they are taking and the dosage.

In calendar year 1979, local area residents contributed 700 pints of blood during visits of the Houchin Community Blood Bank's mobile unit from Bakersfield — or an average of 140 pints per visit.



NWC INVENTORS REWARD — Gerald Schiefer, (at left), temporary head of NWC's Electronic Warfare Department, recently presented patent awards to four civilian employees in his department. Recipients of the awards are (l.-r.) Richard P. Gagliardi, an electronics engineer in Code 3553, who was granted an additional award for a chaff discrimination device; Mervin Hoover, an electronics engineer in Code 3521, and Michael L. Schmidt, a physicist in Code 3521, who teamed up to receive a Notice of Allowability on a "Circuit for Determining Transmitter Modulation Characteristics," and Joseph Mosko, an electronics engineer in Code 35203, who was presented an initial patent award for a "Spiral/Helix Antenna."

Navy Exchange gasoline sales policy explained

During the month of February, current gasoline sale policies will continue at the Navy Exchange service station, according to Lt. Bob Boyd, NEX Officer.

The station will be open regular hours daily, and a limit of 8 gallons will be imposed on each customer. Along with this, the station will follow the State of California's regulations about "odd-even" sales.

Limited quantities of fuel received from

Weals' award . . .

(Continued from Page 1)

blasts and prevent explosive propagation. He personally made the necessary contacts with Navy and DoD agencies, and pursued the necessary arrangements to conduct such tests at NWC.

Another significant area of Weals' accomplishments, which typifies the impact of his expertise, was his creative approach in fire fighting tests that made possible significant improvements in design concepts relative to Navy aircraft fire fighting and rescue vehicles.

For the past 19 years, Weals has served as head of what is now the Surface Projects Group in the T&E Directorate. He has provided the direction and leadership in the planning, assigning, scheduling, coordinating and reporting of all work carried out on the Center's test and evaluation ground and track ranges.

Benefits Widespread

"His innovations and development of test methods in unique and unprecedented areas of research, development, test and evaluation have contributed unmeasurable benefits not only to the Navy, but also to DoD and the North Atlantic Treaty Organization," it was noted in the memorandum nominating Weals for the Navy Meritorious Civilian Service Award that was signed by W. R. Hattabaugh, head of the Test and Evaluation Directorate.

During the retirement party held in his honor, Weals was "treated to" a humorous "This Is Your Life" type of presentation, and received a variety of mementos of his more than quarter century of work at China Lake. The latter included the Order of the Purple Sage and Dust Devil certificates, a photo album, and a plaque from the Range Department mounted on a finely polished piece of natural agate that serves as a desk pen set.

In addition, a collection of odds and ends of scraps of various tests was presented to Weals, as were both T&E and NWC plaques. The honoree also received a monetary gift for use in purchasing power tools.

the distributor mean that a limitation must be imposed on the amount of gasoline that any one purchaser can buy at a time, says Lt. Boyd. The allocations to the local NEX service station have been averaging about 75 percent of the amount purchased at the station during the base period of November 1977 through October 1978.

The distributor sends this monthly allotment in units of 8,000 gallons (the amount that one tank truck can carry); no advance amounts are sent. "Our tanks are never full," Lt. Boyd says regretfully.

For instance, the amount allotted for January was 56,000 gallons. The distributor then divided this by 31 calendar days, determined the average daily allotment of 1,806 gallons, and divided the tanker's capacity by this, so no more than one truckload of gas would be sent every four or five days.

Three Plans Considered

With the limitation of gasoline available, Lt. Boyd noted, three alternate plans of how to dispense the amount at minimum inconvenience to the customer were considered.

The Navy Exchange and Commissary Store Board (composed of members of all groups using these facilities) aided Lt. Boyd in determining the options.

First, the station could just open each day for whatever number of hours were needed to sell the allotment for that day and then close. This, Lt. Boyd feels, would result in panic buying, long lines, and inconvenience to the customers who would not be able to plan when the station would be open. Most

NEX service stations, he adds, just secure the pumps when the day's allotment is sold.

The second option would be to cut the hours that the station is open to just three hours daily; most of the gasoline is sold during the first hour of the day and the lunch hour. Again, it was felt that this would result in long lines, panic buying, and inconvenience to local customers.

Third Plan Followed

The third plan, which is the one that has been followed and will continue to be followed, is to have the service station open during its regular six hours daily, obey the "odd-even" system, and limit customers to 8 gallons per purchase. (With gasoline priced at more than \$1 a gallon, limiting to a specific dollar amount is feasible only if gasoline pumps show more than the \$1-per-gallon price. New pumps are on order at the NEX that will do so, and will be put into service as soon as they arrive.)

If the gasoline allocation is greater than expected (or the number of purchasers smaller), the daily limit of 8 gallons may be raised to 10 gallons temporarily, but at least 8 gallons can now be purchased and normal station hours can be maintained under current allocations.

Prices per gallon are determined by taking an average of the prices from the 20 closest self-service stations off the Center, subtracting the 6 percent sales tax, and subtracting an additional 2 cents per gallon. NEX service station customers are, therefore, getting their gas at the lowest prices in this area.

Additional lanes relieve rush hour traffic tieups at Naval Weapons Center main gate

The new lane configuration at the NWC main gate is relieving some of the congestion that has slowed drivers coming to work mornings, but some motorists haven't quite gotten the whole picture yet about how the traffic should flow.

Two of the three inbound lanes now provide access to Sandquist Rd.; the far left lane is a left-turn-only lane, while the center lane is an optional lane in which a driver may either turn left or proceed straight ahead.

Access to this middle, optional-left-turn-lane is available to drivers coming north on China Lake Blvd. by using the left hand curve lane. This means that a driver who wishes to turn onto Sandquist Rd. can now drive in without going to the stop sign at the intersection of China Lake Blvd. and

Inyokern Rd. and trying to cut across traffic proceeding east on Inyokern Rd.

Drivers in both lanes of traffic that can turn left to proceed to Armitage Airfield, however, will need to watch for westbound traffic on Halsey Ave. that is headed out the main gate. Drivers leaving the Center during morning rush hours no longer have to proceed down Blandly Ave.; they may drive (with care) down Halsey as they would at any other time of the day.

Drivers also must use care to stay in their own lanes rather than drifting over the lane markers and taking up space in both lanes while turning left.

Delays are still being caused by drivers and passengers who do not have their passes ready to show the guards. These vehicles are stopped while the individuals search for passes, and traffic backs up.