

Magic Mountain Opens May 29 In Valencia

May 29 will be Opening Day for Magic Mountain, California's newest family entertainment complex, announces Eugene "Doc" Lemmon, general manager for the \$20 million park.

Spread over 200 acres of rolling hills in Valencia, Magic Mountain is 35 miles north of Los Angeles off the Golden State Freeway (Interstate 5), and features fun for every member of the family.

Now nearing completion, the amusement park balances "white knuckler" thrill rides with live entertainment and gentle rides for the children.

The Gold Rusher runaway mine train being built at the park will rumble guests in and around the mountain. Another exciting attraction will be the Log Jammer which will speed visitors in hollowed-out fiberglass logs on a watery tour of the park culminating in a 90 foot plunge into Whitewater Lake.

These contrast with the Grand Carousel (vintage 1912 and completely restored at a cost of over \$100,000), equipped with 64 hand-carved steeds and music spanning several generations. Or guests may enjoy a panoramic view of the surrounding countryside atop the 384 foot Sky Tower which will be equipped with twin high speed elevators when the Park opens.

In all there will be over 30 major rides and attractions at Magic Mountain plus music, dancing under the stars, and major musical reviews in the 3400-seat 7-Up Showcase Theatre.

The park features a one-price admission policy, enabling patrons to unlimited use of rides and attractions once inside the gates. Adults are \$5.00, children 3 to 12, \$3.50, and children under 3 admitted free. The only additional charges are for food, souvenirs, and the gaming area.

For those who can't wait for May 29, Magic Mountain (formed by subsidiaries of Sea World, Inc., and The Newhall Land and Farming Company), has arranged for a special pre-opening charity day to benefit the Reiss-Davis Child Study Center on May 22.

Over 1.8 million guests are expected to visit the facility this year alone, making the park one of the Southland's major day and night time attractions.



OASIS GARDEN CLUB HOLDS SHOW—"Melody of Flowers" was the theme of the IYW Oasis Garden Club's 13th Annual Spring Flower Show held recently at the Community Center. Mrs. E. E. Benton was chairman of the show which was rated excellent in every category by a panel of six nationally accredited flower show judges: Mmes. Donald George, Paul Frenzel, Lyndall King, Edward Harr, Eugene Woensner and Warren

Forgey. The Arboreal Award, based on a score of 95 or more points, was won by Kathy Pratt who also won the Sweepstakes Award for receiving the most blue ribbons in the horticulture division. David Gardner, this year's winner of a \$700 Garden Club scholarship, displayed a most attractive invitational exhibit of bonsai plants at the show.

—Photo by PH2 Delmar E. Hart, USN

High School Music Concert Tonight

The Burroughs High School Music Department, under the direction of Russell Parker, will present a concert Friday, May 21, in the Lecture Center, beginning at 7:30 p.m. Featured on the program will be three major groups of the department: the Concert Choir, Mixed Chorus and the Madrigal Singers.

A varied selection of accompanied and a capella compositions will be performed, composed of styles of music from traditional hymns and German Folk songs, to Romantic song cycles and Negro spirituals.

The Mixed Chorus will present an 18th Century Madrigal by Martini, an American ballad by John Cacavas, "Scarlet Ribbons," by Jack Segal, and "David's Lamentation," by the Revolutionary War composer, William Billings. A special

presentation by the Mixed Chorus will be a humorous folk song by Katherine K. Davis, with special dramatization by Sheryl Sneary and Bill Franks.

The 17-voice Madrigal Singers will perform music from a 16th Century madrigal by Donato and from a 20th Century humorous poem by E. E. Cummings and Vincent Persichetti. Also represented in their repertoire will be the contemporary French composer, Jean Berger. Another item of interest will be a ballad arranged by Gail Kubik, who is the cousin of Burroughs Drama Director, Alan Kubik. In addition, an Irish folk song will feature the women's voices in the group, and a choral salutation will display the tenors and basses.

The Concert Choir, who will perform in Latin, German and English, will interpret material by

Houston Bright, Johannes Brahms, Ralph Vaughan Williams and Hall Johnson. In addition, they will perform Di Lasso's "Echo Song," which will highlight an antiphonal effect. The Appalachian tune, "Ev'ry Night When the Sun Goes In," will feature tenor and bass sections, and sopranos will be spotlighted in the Williams part song, "Silence and Music." Theresa Neil will solo in the Johnson arrangement of "Ain't Got Time to Die."

The public is cordially invited to attend. Admission is \$1 for adults and 50 cents for students. Parker also stated that recordings of the concert will be available.

Assessments Now Due For Deaths Of Two Members

Larry Mason, secretary-treasurer of the Government Employees Benefit Association and the China Lake Mutual Aid Society, stated that GEBA and CLMAS assessment 232-160 is waived and 233-161 is due.

Assessment 232-160 is for Earl Hoyt, a former employee of Public Works Electrical Branch, who passed away May 7 at the age of 73; and 233-161 is for 63-year-old Erwin Stiefel, an employee of Code 5552, who succumbed to a heart attack at his home, May 16.

SHOWBOAT

MOVIE RATINGS The objective of the ratings is to inform parents about the suitability of movie content for viewing by their children. (G) - ALL AGES ADMITTED General Audiences (GP) - ALL AGES ADMITTED Parental Guidance Suggested (R) - RESTRICTED Under 17 requires accompanying Parent or Adult Guardian

FRI 21 MAY 1971 "BENEATH THE PLANET OF THE APES" (95 Min) Charlton Heston, Kim Hunter, James Franciscus

7:30 p.m. (Science-Fiction) This sequel concludes the story of space explorer Heston and humanoid Linda Harrison as they flee from the apes who control the earth in the year 400. (G) Short: "Newfoundland's Fish" (17 Min)

SAT 22 MAY —MATINEE— "YOURS, MINE & OURS" (111 Min) Lucille Ball 1:00 p.m. Short: "Canadian Can Can" (7 Min)

—EVENING— "MOSQUITO SQUADRON" (90 Min) David McCallum 7:30 p.m.

(Air-War-Drama) How could the dreaded German V2 rockets be stopped? The story behind the success of this specially trained squadron is an exciting one of strong men and the origin of skip bombing. (G) Short: "High Steel" (15 Min)

SUN and MON 23-24 MAY "BORSALINO" (126 Min) Jean Paul Belmondo, Alain Delon 7:30 p.m.

(Comedy-Drama) Internationally acclaimed film is a campy tale of two French hoodlums on the rise in the Roaring Thirties as they "eliminate" each gangland competitor (GP) Short: "Kangaroo Courtin'" (7 Min)

TUES and WED 25-26 MAY "BATTLE OF BRITAIN" (132 Min) Michael Caine, Curt Jurgens 7:30 p.m.

(Action-Adventure) Star-studded WWII spectacle authentically traces the dedicated efforts of the RAF in outmaneuvering massive Luftwaffe forces. (G) Short: "Kangaroo Courtin'" (7 Min)

THURS and FRI 27-28 MAY "ALEX IN WONDERLAND" (109 Min) Donald Sutherland, Ellen Burstyn 7:30 p.m.

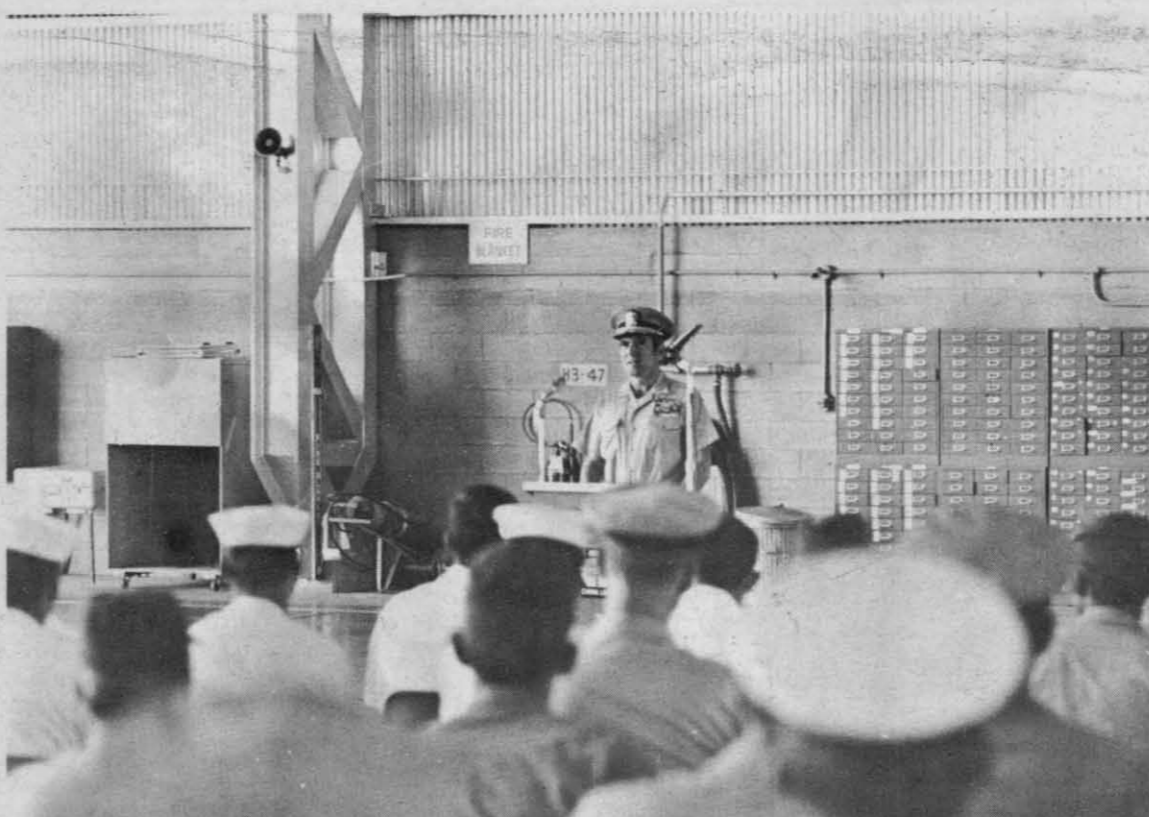
(Fantasy) The Star of M-A-S-H portrays a successful Hollywood Director who is given to fantasies as he seeks a new film project to direct. Funny, but not a comedy. Sad, but not a tragedy. (R) Short: "Kangaroo Courtin'" (7 Min)

NWC Reroofing Contract Awarded

Capt. K. C. Abplanalp, Officer-in-Charge of Construction has announced the awarding of a \$221,000 contract for the reroofing of family quarters at NWC to the Economy Roof and Insulation Company of Burbank, California. Work is expected to commence by May 28, 1971, with a scheduled completion date of September 17, 1971.

Included in the contract are 64 Old Normac Duplex buildings, 29 Old Normac Single buildings, 46 New Wherry buildings, and 12 Old Wherry buildings. Should residents have any questions about this contract, they should contact Don Fischback of the OICC office at extension 3308.

From _____ TO _____ PLACE STAMP HERE



"RAP" SESSION—Adm. Elmo Zumwalt, Jr., Chief of Naval Operations, took time out from a visit with his father last Saturday to hold a question and answer session with NWC's military personnel at NAF's Hangar 3. During the exchange, military personnel had a chance to ask the

Admiral some pointed questions about what is happening in the Navy today. The impromptu one-hour session occurred on last Saturday, May 15. Adm. Zumwalt is the son of Dr. Elmo Zumwalt, NWC Industrial Medical Officer. —Photo by PH1 D. C. Manderscheid



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New CSC Law In Effect Liberalizing Court Leave

Key principles of Public Law 91-563, which liberalizes the extent of court leave for Federal agencies by the U.S. Civil Service Commission.

The new law eliminates several long-standing inequities, and it relieves financial hardships previously imposed on employees through loss of leave or pay because official time was not authorized for certain court appearances. This change in the law is also expected to facilitate law enforcement and justice by encouraging Federal employees to step forward as witnesses.

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Columbia Government. Previously, official duty status could be authorized for witness service only when the employee was testifying in his official capacity or producing official records, whether on behalf of the Government or a private party. Travel expenses may be paid in all situations where the employee is considered to be performing official duty when summoned or assigned by his agency to testify or to produce official records.

Several types of court-related functions, not previously covered for court leave purposes, are covered by the new law. The term "judicial proceeding" contemplates any action, suit, or other proceeding of a judicial nature, but does not include an administrative proceeding. Court leave for witness service is authorized for all stages of a judicial proceeding (i.e., preliminary hearing, inquest, trial, or deposition taking), as well as hearings and conferences before a committing court, magistrate, or commission. Also covered are grandjury proceedings, coroners' inquests, and hearings and conferences conducted by a prosecuting attorney to determine whether an information or charge should be made in a particular case.

The judicial proceeding may be in the District of Columbia, a State, territory, or a possession of the United States.

An employee is entitled to court leave for witness service only if he is summoned; he is not entitled to leave if he volunteers. A subpoena is not necessarily required, but the summons must be an official request and in writing. Travel expenses are to be (Continued on Page 4)

NWC Reservist Talks On Quakes Says San Fernando Catastrophy Disproved Many Existing Theories

Edmund W. Kiessling, a professional geologist with the California Division of Mines and Geology, and an AG-3 (USN, Reserves) recently assigned for two weeks reserve duty with the Earth and Planetary Sciences Division of the Research Department, spoke last Friday to China Lake residents at the Community Center about the San Fernando Earthquake.



Edmund W. Kiessling suggested that golf courses and mobile home parks be built on fault zones.

According to Kiessling, geologists learned many things from the San Fernando Earthquake, which shocked the Los Angeles basin on the morning of February 9 of this year. "We lost a lot of ground," he said, referring to the knowledge of earthquakes held by geologists in southern California, and throughout the world. "A lot of things we thought were true, or basic, we learned were just not so," he elaborated. "For one thing, we're going to have to learn to live with earthquakes as California is a seismic state."

Kiessling explained the statement. "We're going to have to design urbanization to be more compatible with fault zones, for one thing," he said. "Once every four years on the average we can expect an earthquake of this magnitude, at least, somewhere in Southern California. Fortunately, they usually happen in a less urbanized area than the San Fernando jolt."

What is an earthquake? Kiessling explained that it is "the relief of accumulated strain built up in blocks of the earth's crust moving against one another. Sometimes, when the strain gets too great, it snaps, resulting in an earthquake." The San Fernando quake did half a billion dollars in damage. Kiessling also stated that the February 9th tremors are directly responsible for the large landslides which have been occurring in the Los Angeles basin area.

What can be done about planning for future quakes? "Not much," Kiessling stated. "It has been

The geologists in southern California are presently studying the regional geology of the San Fernando Valley in its relation to the fault pattern in that area, Kiessling stated. They are also studying the different strengths of the rocks in and around the Valley in an effort to ward off a more disastrous quake. "Knowledge of the fault zones, and proper planning in building on them and around them could result in a less expensive earthquake," he said.

This is the fourth year Kiessling has spent two weeks as a Reservist at China Lake with the Earth and Planetary Sciences. He joined the Reserve in 1962.

His background and education are interesting in that he studied in Austria at the University of Innsbruck for a year under the GI Bill, and at the University of Florence, in Italy. At Austria Kiessling studied Alpine Geology, and while in Italy his work was centered on the geology of the northern Apennines.

Kiessling received his BA and his Masters in Geology from the University of California, at Los Angeles.

He and his wife of four years, Betty Jane, have one son, Kenneth, 2. They reside in a 75 year old Victorian home in Pasadena.

Mini... Midi... Maxi... They Each Cover Any Situation Take stock in America Buy U.S. Savings Bonds

Local Campaign

The annual United States Savings Bond Campaign for 1971 will be conducted at the Naval Weapons Center beginning May 24th and ending June 11th. This campaign will be conducted by the departments and agencies at NWC to encourage the voluntary purchase of Savings Bonds through payroll deduction by civilian and military personnel in the Federal Service.

The Department of the Navy is cooperating with the Treasury Department in promoting the annual Savings Bond Program in recognition of the program's importance to the Nation and to the individual. Each department will appoint a "keyman" to coordinate activity within his department. A meeting of department keymen will be held at the Community Center in the Joshua Room on Monday, May 24th at 8:30 a.m. Promotional material will be distributed to those attending.



ALSO TALK ON SAN FERNANDO QUAKE—At the Annual meeting of the local branch of the Red Cross held this past Tuesday at the CPO Club, President Cathy Tozer welcomed Guest Speakers Dr. William Putney, San Fernando Valley District Chairman, and John Stroud, San Fernando Valley District Manager. At the meeting, the two men presented a slide-talk depicting the recent earthquake damage in that area, and the role of the Red Cross in aiding its victims. Also at the meeting, awards were presented to volunteers for outstanding service over the past year—10,500 hours worth.



PHOTO FAIR—Mrs. Betty Speckels, left, and Mrs. Betty Curtis, review some of the many prints which will be displayed at the Photo Fair, sponsored by the China Lake Photographic Society, May 22 and 23 at Richmond School. On display will be numerous prints of local photographers, in color and black and white. In addition, award winners of the "Print of the Month" contest will be shown. Also on exhibit will be prints of the recent Easter Week at Ballarat by Frank Diets. Several slide shows will be presented during the two-day exhibit. All local residents are invited to attend.

Opening Day At Reardon Field Sees A&L Tire Defeat NAF, 3-1 Valley Merchants Defeat Maulers On Brown's GEM

Opening day at Reardon Field was superb, complete with splashes of red, white and blue along the fences, padded bleachers, between-innings music, and two exciting ball games.

A & L Tire initiated the China Lake Softball League's fifth year on Reardon Field with a 3-1 victory over NAF as Dave Britton hurled a three-hitter. Troubled by wildness a year ago, Britton showed little evidence of his former self as he struck out seven and retired the first 10 men he faced.

A & L jumped to a 1-0 lead where 1970 batting champion Jimmy Ayers reached first on an error, was sacrificed to second, stole third, and scored on a squeeze by Dick Rivers.

NAF was not able to score until the top of the fifth when Hawk pitcher Steve Whitlock homered over the left fence to tie the score at 1-1.

A & L retaliated, however, by scoring two in the bottom of the inning. Gordy Irvin reached first on an error on the shortstop and moved to second when Wittrock threw too late to second on Keith Ayers bunt. After two force outs at third, Drex Moulder's single scored Britton and Jimmy Ayers to give A & L a 3-1 advantage.

Britton relaxed in the sixth, walking one NAF batter and hitting another with a pitched ball, to put runners on first and second with only one out. He recovered his control, however, to strike out the next two batters and end the inning.

The Valley Merchants also broke quickly from the starting gate to defeat the Maulers, 5-1, on Billy Brown's two-hitter.

Both hits came in the same inning as Tony Cozzucoli led off the



FAST PITCH UNDERWAY—Amid a cloud of dust, NAF's Mike Jones reaches first safely as A & L Tire first baseman Andy Gilpin drops the throw from shortstop Drex Moulder. A & L won the China Lake Softball League opener, 3-1. The League will play at Reardon Field three nights until each team has played one another three times, ending August 23. The umpire is Don Sicley and the A & L second baseman is Jim Ayers.

Maulers third with a single, advanced to third on two ground balls, and scored on Ron Shiers single.

But the Merchants had built up a 2-0 lead in the first and added two more in their half of the third.

Jeff Radcliff opened the Merchant first with a base on balls, stole second and third, and scored on Dick Clodt's single, who later scored to make the score, 2-0.

After the Maulers narrowed the Merchant's edge to 2-1, back-to-back doubles by Harlan Hershey and Clodt, preceded by a Mauler error on Radcliff's fly to right, produced two runs and a 4-1 lead.

Brown then went to work to retire the last 11 men he faced (including four strikeouts) to shackle the Maulers over the final four innings.

The Merchants added their fifth

run in the fourth on Ken Newton's single and Radcliff's two-out double.

THE SCHEDULE

| | | |
|--------|--------|---------------------|
| May 24 | 6 p.m. | A & L vs. Merchants |
| | 8 p.m. | Bud Eyre vs. NAF |
| May 25 | 6 p.m. | Maulers vs. Ace TV |
| May 27 | 6 p.m. | Bud Eyre vs. Ace TV |
| | 8 p.m. | Maulers vs. NAF |

Left Turns At Main Gate Explained

Center drivers are reminded that, when leaving the Main Gate, the inside lane is a "left turn only" lane, and the outside lane (right lane) is for straight through traffic.

Recent observations of traffic flow at the Main Gate indicate that some drivers are not aware of the traffic directions.



Code 5563 Wins Four In NWC Golf League

Code 5563 moved into first place in the China Lake Intramural Golf League last Tuesday by defeating Code 3563, 4-0. Gary Castor, Al McDonald, C. Peterson and Frank Sima recorded wins for the league-leaders.

The Rocketeers took 3.5 points from Central Staff to move into a three-way tie for second place with the NWC Officers and Code 551.

Don Sicley, Bill Valenteen and Jack Lindsey won for the Rocketeers and Leo Maki split a point with Ed Sopke. Bob Moore, Dale Iverson and Ed Brooks won for the NWC Officers and Larry Thurm took one point for the General Engineers. Merrill Lloyd and Ed Nelson won a point apiece for Code 551, while their opponents, the Bat Chiefs, won two on the shooting of Jim Armstrong and Jack Davenport.

NAF split with Code 30. Joe Dorgan shot a 39 to record a point for Code 30 and Bob Young won one for the team while Dick Bauers and Larry Gire each won one for NAF. The Duffers defeated the Iron Men, 2.5 to 1.5 on the stellar shooting of L. Moore (he split with Barry Kolsrud), Eyer and Smith. Santo took the other point for the Iron

Men.

Curt Overstreet and C. Presson took a point each for the Titlists and Wasserman and Thomas each won one for Code 3532. The Chaparrals took 3.5 points from the Sandbaggers. Baker, King and Sbrocca won for the Chaparrals, while Ray March and Duane Blue fought each other to a tie.

Transportation had a bye.

STANDINGS

| | W | L |
|-------------------|-----|-----|
| Code 5563 | 6 | 2 |
| Rocketeers | 5.5 | 2.5 |
| Code 551 | 5.5 | 2.5 |
| NWC Officers | 5.5 | 2.5 |
| NAF | 5 | 3 |
| Code 30 | 5 | 3 |
| Titlists | 5 | 3 |
| Duffers | 4.5 | 3.5 |
| Bat Chiefs | 4 | 4 |
| Chaparrals | 4 | 4 |
| Code 3532 | 3.5 | 4.5 |
| Transportation | 3 | 1 |
| Iron Men | 2.5 | 5.5 |
| General Engineers | 2 | 6 |
| Sandbaggers | 1.5 | 6.5 |
| Code 3563 | 1 | 7 |
| Central Staff | 5 | 3.5 |

THE SCHEDULE

Front Nine

| | |
|------|------------------------------|
| 5:15 | Chaparrals vs. Central Staff |
| 5:23 | Engineers vs. Code 551 |
| 5:31 | Iron Men vs. Code 30 |
| 5:39 | Transportation vs. Titlists |

Back Nine

| | |
|------|----------------------------|
| 5:15 | NAF vs. Rocketeers |
| 5:23 | Code 3532 vs. Sandbaggers |
| 5:31 | Code 5563 vs. NWC Officers |
| 5:39 | Code 3563 vs. Duffers |

Tigers Open Second Half With Victory Over Yankees, 11-8

Only two games were played in the past week in the China Lake Little League Major Leagues. In the final remaining game of the first half of the season, the Yankees defeated the Red Sox 4 to 2.

The second half opened on Monday night with one game between the Tigers and the Yankees. The Tigers opened up a bid for the second half title by defeating the Yankees, 11-8. Coach Bob Gritton said the victory, only

the second of the year for the Tigers, was "an all-out team effort."

Final Standings First Half

| | W | L |
|---------|-----|-----|
| Giants | 6 | 1 |
| Pirates | 5 | 2 |
| Red Sox | 4 | 3 |
| Dodgers | 3 | 4 |
| Tigers | 1.5 | 5.5 |
| Yankees | 1.5 | 5.5 |



GAUNTLET FLUNG—Capt. Tex Birdwell, r, Commanding Officer of VX-5, issues a new challenge to Capt. R. E. McCall, Commanding Officer of NAF, as the stage is set for the third annual Navy Relief BATNAF softball game scheduled to be played at Schoeffel Field next Friday night. NAF won the torrid contest last year, which is distinguished by a rule that all players who reach 2nd base must consume a pitcher of beer before continuing. The game will start at 4:30 p.m. Admission is by contribution (\$1.00) to the Navy Relief Fund. Photo by PH3 Ron Mills

Equal Employment Symposium Convened On Center

Reps Search For 'Now' Solutions

Professional and nonprofessional personnel from the Naval Weapons Center, Eleventh Naval District Navy and Marine Activities, and other interested guests met together this past week to assess progress, directions, values, and singular and plural efforts of the Navy's Equal Employment Opportunity (EEO) program.

The two-day program, held at the Community Center, was opened with introductory remarks by RADM. W. J. Moran, NWC Commander, H. G. Wilson, NWC Technical Director, and Raymond A. Harrison, Head of the Center's Personnel Department. RADM. Moran expressed management's concern, and encouraged participants to enter into meaningful discussions. During the symposium, the "Plays for Living" of Southern California gave a presentation entitled "The Man Nobody Saw." After the play all attendees divided into small groups to assess the uses and value of the play. The groups were directed by Milton Ritchie, Emanuel Dunn, and William Arnold.

A panel discussion moderated by Harley Tillet, Chairman of the EEO Committee at the Naval Weapons Center took place on Tuesday morning. Such subjects as recruiting, selection, counseling, and progress were discussed by the panel, which was composed of EEO representatives from other 11th Naval District Navy and Marine activities; Jim Lewis, President of the local branch of NAACP; and John M. Cissne, Principal of Burroughs High School.

After lunch at the Commissioned Officers Mess, off-Center guests were taken on a two-hour tour of some areas of importance to the guests, and a film was viewed at Michelson Laboratory.

The final hour of the Symposium was spent in summary and discussion by the whole group.

It was a consideration that the Symposium met its objectives: to compare procedures and evaluate progress. The one common objective that evolved was to do more to make employment opportunities equal for everyone - not tomorrow - but today.

The local EEO Coordinator is Stephen Sanders of the Employee Management Division, Personnel Department, who, with the NWC EEO Committee, helped plan the Symposium.

The NWC EEO Committee is currently made up of: Harley E. Tillitt, Chairman; William Arnold; Robert Briley; Lloyd Clarke; Max Donald; Louise Mitchell; and Al Pena.



SECURITY OPERATIONS HEAD—Ben M. Hartman arrived aboard the Center April 8, 1971 to assume the duties as Head, Security Operations. Ben has a long list of Security credentials, beginning in 1938 as a Special Agent for the U.S. Army Intelligence Corps. He is retired from the Army as a Lt. Col. and in the past has owned his own firm of security consultants, and worked in major business as a security consultant and senior Civilian Intelligence Agent. He came to NWC from the Loss Prevention Division, The Wackenhut Corp. where he served as the area representative. He and his wife Barbara have two grown boys. Ben attended Princeton University and the Industrial College of the Armed Forces.



AN EVENT THAT "BEARS" REPEATING—Early Wednesday morning an errant, 236 lb. female bear that had wandered into the Center's housing area was shot on the Murray School grounds by game warden, Carl McCammon. According to McCammon, there is no real danger; it is not something that residents have to worry about—this is one of the little things that happens when you live on the edge of civilization. The last time a misplaced bear appeared on the Center was about 20 years ago, (above) and he got only as far as B Range. Billy J. Martin of Public Works posed with that bruin after the men were forced to use their heavy duty vehicles as protection since they did not carry guns. —Photo by Ronald D. Hise



MEDIUM WITH A MESSAGE—The EEO Workshop held Tuesday and Wednesday at the Community Center was centered around a 45-minute dramatization entitled "The Man Nobody Saw". The presentation, based on a theme of racial problems and tensions, was put on by "Plays For Living" of Southern California, a division of Family Service Association of America. —Photo by PH3 Ronald G. Mills, USN

LaMonk Art League Guest Speaker

Charles LaMonk will be the speaker at the Desert Art League meeting which will be held on Monday evening (May 24) at 8 p.m. at the Community Center. Mr. LaMonk is famed for his paintings of Indians and for his contributions to archeology and art in preserving the pictographs and petroglyphs of the American Indians.

An exhibit of his paintings of Indians is now on permanent display at San Fernando Valley

State College. Previously, the exhibit had traveled throughout the United States and was shown, among other places, at the Los Angeles County Museum and the Museum of Man in San Diego. Other paintings are on display at the Palm Desert Museum, the Southwest Museum and the San Bernardino County Museum. He is a featured artist on weekends at the Tropic Mine near Rosamond. Mr. LaMonk will present a

portrait demonstration in oils before the League. Other business before the League will include the installation of new officers for the 1971-72 and the presentation of the winner of the Desert Art League award for excellence in art to the graduating senior of this year's class.

Visitors are cordially invited to attend this meeting which will be the last until the group resumes in September.



CAPTAIN'S CHOICE—The families of the various minority groups that make up the commands of NAF, NWC, and VX-5 got together last Sunday for an exotic potluck event which highlighted favorite ethnic cuisine. The group invited as their honored guests representatives of the respective commands. Above (l-r) Capt. and Mrs. R. E. McCall are escorted through the serving line by Chief and Mrs. Medurdo Reyes and Mrs. Pete Francisco. ADCRC Napoleon Garnil coordinated the well supported event. —Rocketeer photo



HOME AGAIN—The family of Doug Boyd met him at NAF upon his return from Gulfport, Mississippi following two weeks of duty with the Reserve Mobile Construction Battalion 17, Sub Unit 11-2 May 1 through 15. Thirty-nine men attended professional and military training at Gulfport with the rest of MCB17 at the Con-

struction Battalion Center there. The local unit was commanded by Cdr. Carlton E. Hammel, SC, USNR-R during the two-week hiatus. Sub Unit 11-2 at China Lake is commanded by Cdr. Richard D. Malone, CEC, USNR-R. Boyd's wife Claire, and children, Mark and "Cissy" are happy to have daddy home again.

Housing Consolidation Called More Beneficial

The consolidation of the Housing Office into the Public Works Department, last year, has had many beneficial results for the residents of NWC that may not be obvious to the individual tenant.

The foremost benefit is that one organization is now responsible for the entire management of the housing assets of NWC, except for assignment, which is a function of the Deputy Commander's office. Personnel from the Housing Division, headed by Cal Fallgatter, receive service calls, check tenants in and out of quarters, write up work orders for vacant quarters to be rehabilitated, maintain repair folders on each set of quarters, and investigate tenant complaints.

The Housing Management Branch is headed by Gerry Ray and is responsible for all operations except budgeting, record keeping, rent collections, and report preparation. Ray has three housing managers working for him: Bart Parker, who is responsible for the dormitories, apartments, motel units, LeTourneaus, Normacs, and Hawthornes; Mrs. Kay Gallien, who is responsible for the Capehart "B", Normac Duplexes, and Wherry housing areas; and Mrs. Mary Miller, who is responsible for the Hill housing area and Old Duplexes. In addition to the housing manager there are three assistant managers: Garry Maxwell, who answers the housing service phones; SFC George Andrews, who serves as military housing liaison; and Bobby Owens, who serves as branch co-ordinator.

Before the consolidation, the Public Works Maintenance Control Division (Code 708) received all service calls and wrote up all work requests for rehabs. These functions are now under the Head of the Housing Division. When a resident has a complaint, the housing manager can investigate it, initiate action, and follow up on it. Previously, the Housing Manager investigated maintenance complaints, Code 708 initiated action, and no one had the responsibility for following up on it. Now this is all the responsibility of the Housing Manager.

Service Calls
The one aspect of the housing operation that is of the most interest to Center residents is the handling of service calls. Between 7:30 a.m. and 4:00 p.m., on normal working days, over 80 service calls are received by personnel at the Housing Office. The personnel answering the calls try to ascertain from the caller the exact nature of the problem, and if possible, instruct the caller on how to solve the problem.

If the difficulty is beyond the capability of the caller to correct, the call will be put into one of three categories. An "05" chit is an emergency call, and is relayed by phone to Code 70414, the Emergency Maintenance Section. The supervisor will assign the call to one of his twelve men in the housing area in their radio dispatched vans. Included in this category are such problems as broken water lines, gas leaks, loss of a-c during the summer, loss of heat during the winter, loss of electricity, and plugged sewer lines. Because each service man is

a craftsman in a specific field, i.e., refrigeration-heating, plumbing, electrical, it may take a short period of time for the supervisor to get in touch with a craftsman to handle a given emergency.

The second category of service calls are classified as Class "A" chits. These should be taken care of in eight working hours. This means that a call that comes in at 3:00 p.m. Friday, should be taken care of by 3:00 p.m. the next normal working day, normally the next Monday. Included in this category are leaking or malfunctioning toilet fixtures, inoperative hot water heaters, or broken door locks.

The third category of service calls are classified as Class "B" chits. These are expected to be completed in one working week. Since these chits are minor inconveniences to the tenant, for example, leaking faucets, broken screens, or broken light fixtures, they sometimes will slip due to more urgent service calls coming in. In this case, craftsmen from other PW shops will be borrowed, if the work load permits, to help work off the backlog.

After 4:00 p.m. on weekdays, and all day Saturday and Sunday, emergency calls are received by the watchstander at the PW pumphouse. Between 4:00 p.m. and midnight on weekdays and between 8:00 a.m. and midnight on weekends, he relays emergency calls to a two-man standby crew in the Emergency Service Section. After these hours he can call out men on overtime for bona-fide emergencies.

Because of the high cost of housing maintenance calls, \$12 per-manhour, tenants are encouraged to make minor repairs themselves. To facilitate this the Housing Office maintains bins of free materials for minor repairs. Included are such things as cabinet latches, switch plates, washers, light fixtures, etc. The person answering the service phone, extension 3771, during normal working hours, can advise tenants if specific material is available.

If residents have any questions about housing maintenance or operation policies, they should feel free to call their housing manager or Mr. Gerry Ray, at extension 2082.

Court Leave . . .

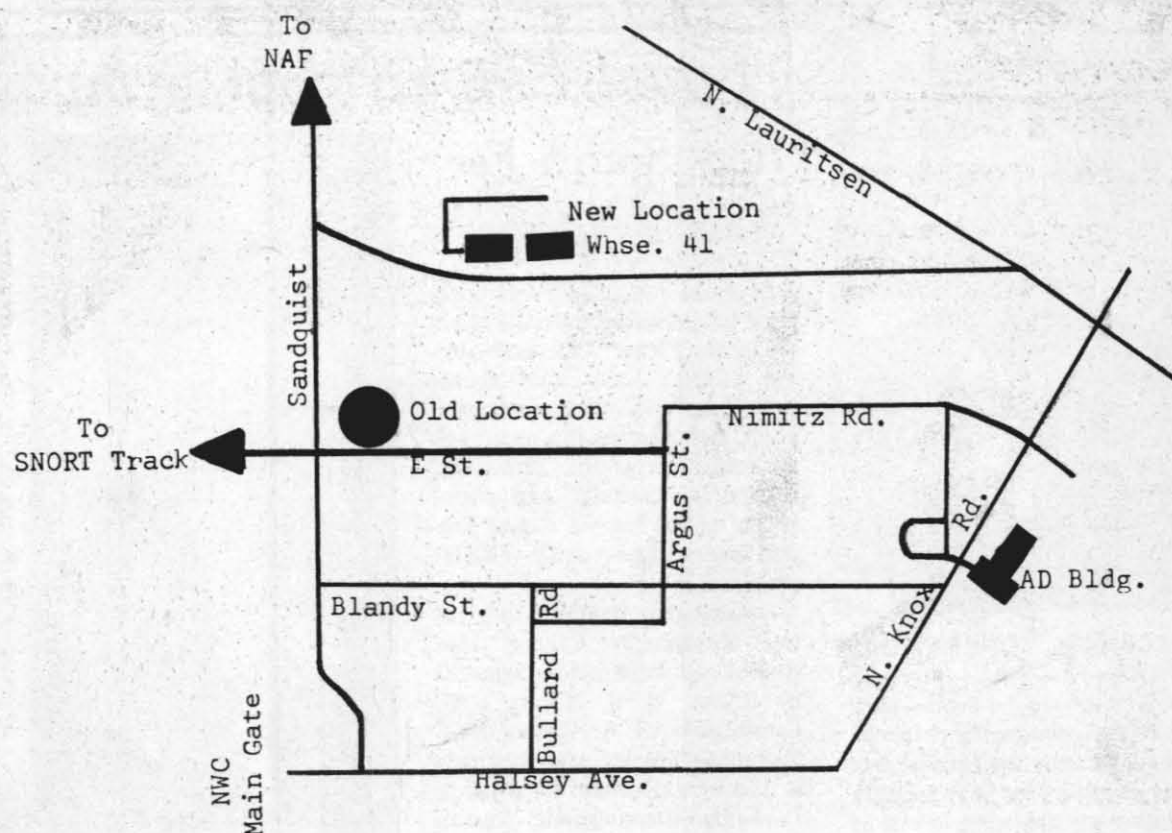
(Continued from Page 1)

allowed "under such regulations as the Attorney General may prescribe."

Fees received for jury or witness service on behalf of a State or local government must be turned over to the employee's agency to be credited against his pay, since the employee is appearing either on paid leave or in an official duty capacity.

Aetna Agent At Community Center Tues., May 25

The Aetna Insurance Representative, Mr. Howard Keenan, will be at the Community Center next Tuesday, May 25, from 9 a.m. until 4 p.m.



SURPLUS PROPERTY SALE—The map above points out the new location of the Supply Department Scrap and Salvage Yard, at Warehouse 41, relocated from the old location on E Street, near Sandquist Rd. On May 25, NWC will hold an auction sale of surplus property at the Scrap and Salvage Yard, and in the Property Disposal Warehouse. The sale will begin at 9 a.m. on that day. Persons who might wish to inspect property for sale may do so between May 17 and May 25 from 8:30 a.m. to 11:30 a.m., and from 12:30 p.m. to 3:30 p.m.

PW Tells How To Best Use Coolers

Many Center residents have, no doubt, noticed that on some days the evaporative coolers in their homes get the house much cooler than on other days. On some days, they don't seem to work well at all.

In order to get more information on how these "swamp coolers" work, and how to get the most effective use from them, LTJG S. M. Ogintz was contacted—he is Project Officer in the Public Works Department.

LTJG Ogintz explained that the effectiveness of the cooling action of the coolers is determined by the volume of air moved through the house and the relative humidity of the outside air. The more air circulated through the house and the lower the relative humidity, the better the cooling.

The principle of operation is based on the fact that as hot air passes over water, heat from the air will be transferred to the water and cause evaporation, causing the air to become cooler. When the humidity is high, less water can be accepted by the air and the cooling effect is diminished.

As an example, Mr. Ogintz cited data obtained from the Public Works Air Conditioning Shop for two consecutive days last summer.

On the first day, at 3:00 p.m., the wet-bulb temperature (an indication of the humidity—the higher the temperature the higher the humidity) was 68 degrees F. and the dry-bulb temperature (the one which is given in weather reports) was 104 degrees F. Based on ideal operating conditions, the cooler in a house would cool the air to no lower than 73 degrees F.

The next day, at the same time, the wet-bulb temperature was 74 degrees F. and the dry-bulb temperature was 106 degrees F. Based on these conditions the house would get no cooler than 79 degrees F.

As a rule of thumb, with an average difference between wet-bulb and dry-bulb temperatures of 30 degrees F., the cooler will only maintain the inside temperature 25 degrees F. below the outside temperature.

Provide Exits
For most efficient cooling of a house, sufficient exits must be provided for the air being blown in by the cooler. As a rule, one square foot of open window or door is needed for every 200 cubic feet per minute (CFM) being blown in. Most residential coolers on Center

blow between 3000 and 5000 CFM and, therefore, require 15 to 25 square feet of exit space. By opening windows in rooms you are using and closing them in the ones you aren't, you will improve the cooling effect.

LTJG Ogintz stated that Center residents can help the Public Works service shop provide efficient service by taking into account the following factors before calling in an air-conditioner as not working.

1) If air is being blown through the duct work, with sufficient windows opened; and 2) the house is being maintained about 25 degrees F. below the outside temperature, then the cooler is probably working at its maximum effectiveness and a service call will not improve its operation.

On the other hand, if no air is blowing and the temperature shows a continuous rise, then the cooler is probably not working.

By considering these factors, residents can help Public Works to provide speedier service to those tenants whose coolers actually are not working.



BENNY SUGG RECIPIENTS—LCdr. R. M. St. Germain, Head, NWC Security Department, awards four members of the Department with Benny Sugg checks and certificates. From left to right the men are: Thurl P. Thompson, Fire Division, \$50; Gary M. Peek, Fire Division, \$25; John R. Brown, Sr., Fire Division, \$50; and Tibor A. Kulchar, Police Division, two awards, \$25 and \$50. The awards were presented on May 11. PH3 Ronald Gray Mills

Campbell, Beyer Receive UCLA Master's Degrees

Two NWC employees were recently awarded Master's Degrees from the University of California, Los Angeles. Both men have attended UCLA under the NWC Fellowship program



Ralph K. Beyer
Ralph K. Beyer, a physicist in Code 3527, was awarded a Master of Science (Engineering) Degree by UCLA on March 20.

Beyer's thesis, done under the direction of Professor Fredrick W. Schott of UCLA's School of Engineering, was titled "Temperature Compensation of Reciprocal Ferrite Phase Shifters Using Dielectric Inserts."

He received his BS in Physics in 1963 from San Diego State College and joined NWC that same year. He works in the Missile Guidance Branch of the R. F. Development Division of the Electronics Systems Department.

Beyer and his wife, Yvonne, and children Lynn and Timothy, reside at 1800-A Young Circle, on the Center.



Robert W. Campbell
Robert W. Campbell, an NWC employee since 1966, was awarded a Master of Science degree in Engineering by the University of California, Los Angeles.

Campbell is a local boy, the son of Mr. and Mrs. James J. Campbell, 600-B Kearsarge, China Lake. He graduated from Burroughs High School and received a BS in Engineering Science from Notre Dame University in 1966.

Campbell's wife is the former Alice Bolstad, an employee of Code 4011 as a mathematician. She graduated from Chico State College in 1968.

His thesis was titled "The Investigation of Visualization of The Electric Field Using Liquid Crystals" and was done under the direction of Dr. John A. Seeger of UCLA's School of Engineering.

He is an employee of Code 4073, a Branch of the Weapons Systems Analysis Division of the Weapons Development Department.



POLICE CHIEF RETIRES—L. R. V. A. "Slim" Cummins, retiring after almost 26 years of devoted service, received the NWC plaque and a letter of appreciation from Adm. William J. Moran, Center Commander, during ceremonies held this week in the Commander's office. "Slim," as he has been popularly known throughout his career at NWC, was commended for the outstanding manner in which he devoted 26 years to Civil Service, eight of which he served as Chief of Police at China Lake.

—Photo by PH3 Ronald G. Mills, USN



\$1000 TO CAMPSHIP FUND—Valerie Palmore, General Chairman of the Fractured Follies, presents a check for \$1,000 to Don Raef, Chairman of the Indian Wells Valley Campership Fund. The check represents the proceeds from the China Lake PTA-sponsored "Fractured Follies" last month. Cheryl Thurm, right, President of the PTA, looks on. The Follies raised \$933 after expenses and the PTA added \$67 to round the figure out to an even \$1,000. Mrs. Palmore stated that the PTA will produce the Fractured Follies again next year.

Direct Dialing Due

On August 1, 1971, direct in and out dialing on commercial telephone service will be established for all official telephones on the Center. In order to conform with the nation-wide numbering system, it will be necessary to change the Center telephone number to 939XXXX. All incoming commercial calls will be placed direct to extension numbers. Parties who do not know extension numbers can call 939-9011 for information from the Center operator.

Calls from the local area will be dialed direct, i.e., 939XXXX. The prefix 763 will no longer be used. The Center fire number will be 939-3333, and the new police number will be 939-3323.

Please note that this change does not affect the AUTOVON system, but applies only to commercial service.

A Look Into The Past

From The Rocketeer Files

25 Years Ago . . .

The Navy's 2nd highest-ranking air ace, 25-year old Lt. Eugene A. Valencia, serving at Armitage Field as Assistant Gunnery Officer, received a 7th Distinguished Flying Cross to his collection of 5 Air Medals . . . The Ridgecrest Herald was formed May 10; Archie Peckham was editor . . . The IWV Sportsmen's Assoc., headed by Judge Ardis Walker, met with civic groups and leaders of American Potash & Chemical Corp. to adopt resolutions for presentation to the Fish and Game Commission, one of which was the permanent establishment of a wilderness area between the north and south forks of the Kern River and north to Mt. Whitney . . . The Navy Dept. outlined steps in AlNav 237 by which recognition could now be given to Naval personnel for invention and innovation of original ideas . . . An Efficiency Rating Program, as required by an Act of Congress, was being launched for all per annuus . . . Kern County residents were told how to report to the Price Control Board when a merchant overcharged, in which case a person could sue for three times the amount of the overcharge or \$50., whichever was greater . . . The 50,000 gal old water tank—one of the first structures built on the Station—was removed from its lofty pedestal that week; it was damaged by the fire that destroyed the O-in-C building March 8, 1946

15 Years Ago . . .

The 7th Armed Forces Day was scheduled for both Saturday and Sunday. Scheduled visitors to the "open house" were a plane-load of television, radio, and newspaper personnel from Los Angeles, and several bus-loads of high school students from various Kern County cities. A special press conference was held for the high school editors and cameramen . . . The Community Council-sponsored annual Fiesta, held in conjunction with Armed Forces Day, opened on Friday night in Bennington Plaza with about 20 booths featuring the traditional vendors of various wares . . . Capt. F. L. Ashworth, Station Commander, presented a record amount of 512 NOTS ten year pins during formal ceremonies held in the Station Theatre. Also, AOD's Duane Mack received the "Meritorious Civilian Service Award", the Navy's second highest civilian award, for his planning of the development of Charlie Range—a model aircraft training range which resulted in the development of the "sky screen" and the "aircraft profile tracker", and in the growth of NOTS' prestige for providing training services to Fleet units thereby increasing their combat readiness . . . The IWV Amateur Radio Club reported that interference on Channels 2 and 4 was due to sunspots (storms on the sun) and TV pick-up from Oklahoma, Texas and Canadian stations.

5 Years Ago . . .

Cdr. F. W. Bustard of NAF was project officer of the 17th Armed Forces Day celebration. NAF's award-winning drill team, which had placed 1st in the National Orange Show two years in a row, performed for the visitors . . . 20 members of the 331st Fighter Interceptor Squadron of Webb AFB, Big Springs, Texas, arrived for a month's testing of the Sidewinder missile with their three F104A Starfighters . . . NOTS Advisory Board held its spring meeting; attending were: VAdm. P. D. Stroop, USN (Ret.); Dr. Gerald W. Johnson, Director of Navy Labs; Dr. J. H. Wakelin, Jr.; Dr. C. C. Lauritsen; Dr. L. T. E. Thompson; Dr. Luis W. Alvarez; Adm. John H. Sides, USN (Ret.); RAdm. Rawson Bennett, USN (Ret.); Dr. F. C. Lindvall; Dr. J. C. R. Licklider; and Dr. W. Albert Noyes, Jr.



DESERT EMPIRE FAIR MEMBERSHIP PURCHASED—Ruby Renke, Mail, Files and Records clerk in Command Administration Dept. receives a "life membership" in the Desert Empire Fair from John Emery. Mrs. Renke purchased the membership in support of the Fair's permanent exhibit building fund, of which Emery is a committee member.

—Photo by PH3 Ronald G. Mills, USN