

Beauty Pageant Rolls With Talented Leaders

The Miss Ridgcrest - China Lake Beauty Pageant for 1967, whose workers are now building this year's organization and making plans for the Pageant of May 13, now has an attractive and highly talented new member. She is Mrs. Donna Anderson of San Bernardino, a free-lance public relations woman and fashion coordinator.

Mrs. Anderson will be in charge of the judging committee. She has worked previously with the Orange Show beauty pageant, and has been at various periods in her professional life a portrait artist and a buyer for the Jaks clothiers. She has three sons, Richard, 21, now with the Air Force in Okinawa; Randy, 19, a scratch golfer and hope-to-be pro; and Bobby, a high school student. Mrs. Anderson reveals that she hopes to move to China Lake as a permanent resident in the near future.



MRS. DONNA ANDERSON

Donna Anderson, and Margy Zinke, cosmetician.

Improvements for '67

A Pageant meeting held recently at the Station Theater resulted in plans to extend a ramp 10 feet out from the stage into the center aisle and to set up special lighting for the event. Members of the perpetuating working meeting were Lurleen Kemp, coordinator for clothing and hair styling; Jim Moore, Pageant chairman; Gabe Imer, head of Special Services;

Meanwhile, entrants are being accepted for the May 13 event. The girls must be between the ages of 17 and 27, and unmarried. Entries must be in to the Ridgcrest Jaycees or the China Lake Community Council no later than April 4.

The men to call for further information are Jim Moore at Ext. 71398; Jim Fath at 72937, and Dick Frederick at 72896.

Don't Be Fooled By Glass Doors



It is amazingly easy to walk through a glass door. Usually a person is fooled by the transparency of the glass into thinking the door is open. Often the victim has been traveling back and forth through the open door, then someone closes it without his knowledge.

On the next trip, still believing the door to be open, he bumps against the glass and breaks it. As the person goes through, the whole slab of glass is often loosened from the frame at the top and comes down on him like a guillotine.

The true numbers of glass door breakage at NOTS is not known, for only the ones reported to Public Works Department and the Safety Department are recorded, however the average is about one per month which means once a month a life is in danger.

The Air Force Ground Safety Officers' Study kit and the

National Safety Council state that 68 per cent of glass door injuries occur to males. Going from inside to outside accounts for 75 per cent of these injuries. Hurrying is a major factor in the injury rate more often than slipping, crowding, or horseplay combined. One in seven of these injuries requires hospitalization.

Requests have been made by the Station for appropriations that would enable replacement of all plate glass doors, with safety glass. However funds have not yet been received. Meanwhile, as plate glass doors are accidentally broken they will be replaced with safety glass.

All tenants with plate glass doors are strongly urged to install some obvious design such as a decal on the doors — it helps.

SHOWBOAT

FRIDAY MARCH 24

"THE TRAIN" (133 Min.)
Burt Lancaster, Jeanne Moreau
7:00 P.M.

(War Drama) Action-filled account of efforts of the French underground to foil a German officer's attempt to loot the country of its valuable works of art. The freedom fighters plans create suspense, surprise and danger in this epic. (Adult, Youth.)

SATURDAY MARCH 25

—MATINEE—
"SECRET OF MAGIC ISLAND" (65 Min.)
Live animal cast.
1:00 P.M.

Shorts: "Tom Tom Cat" (7 Min.)
"Captain Video No. 3" (17 Min.)

—EVENING—
"RINGS AROUND THE WORLD" (98 Min.)
Don Ameche
7:00 P.M.

(Novelty) Ladies and gentlemen, step right up to the world's greatest array of thrilling, unique and daring circus acts ever assembled under one roof! A death-defying performance every minute. THE BIGGEST CIRCUS OF THEM ALL. (Adult, Youth, Children.)

Short: "Saga of Windwagon Smith" (14 Min.)

SUNDAY-MONDAY MARCH 26-27

"TEXAS ACROSS THE RIVER" (101 Min.)
Dean Martin, Alain Delon
7:00 P.M.

(Comedy/Western) Texas will never be the same as Dean and Indian friend, Joey, try to take a cargo through Comanche territory with the cavalry in pursuit. Laugh your blues away as this one spoofs the old west like all 'Cat Ballou! (Adult, Youth, Children.)

Short: "Harried & Hurried" (7 Min.) (A Roadrunner)

TUESDAY-WEDNESDAY MARCH 28-29

"FOLLOW ME, BOYS" (131 Min.)
Fred MacMurray, Vera Miles
7:00 P.M.

(Comedy/Drama) Disney's heart-warming story of a traveling musician who decides to settle down in a small town. His changing mode of life, as a scoutmaster and a husband, also affects other townfolk. Fun here for all the family. (Adult, Youth, Children.)

THURSDAY-FRIDAY MARCH 30-31

"PICTURE MOMMY DEAD" (85 Min.)
Don Ameche, Martha Hyer, Zsa Zsa Gabor
7:00 P.M.

(Mystery) A fortune awaits the survivor of a mystery-laden estate now held by a pretty manager who believes her mother was murdered. A greedy stepmother and a disfigured cousin head up the suspects in this shocker-thriller. (Adult.)

Shorts: "Pink-a-Boo" (7 Min.)
"Hollywood Star Spangled Revue" (11 Min.)

Directors held over from 1966 are Royal Gould and Bee Shumaker.

Buffet Offers Choice of Three Tasty Entrees

The buffet, recently installed at the Station restaurant, has proved to be a true pleasure in eating. Since it was established, on a temporary 60-day trial basis, over 1200 people have sampled the tasty wares.

The hours of the restaurant on weekends are: Saturday from 6:30 a.m. to 7 p.m. and 7 to 7 on Sunday with the buffet being featured from 11 a.m. to 7 p.m. both days.

Due to the opening of the Restaurant on weekends, the Malt Shop weekend hours have been curtailed. The hours are now 9:30 a.m. to 7 p.m. Saturday, and 11:30 a.m. to 7 p.m. on Sunday.

The continuation of the buffet at the restaurant depends on the patronage. Try taking the family out for a change. You're sure to enjoy it.

Sex Education Is PTA Topic

The Parent-Teacher Guild of Saint Ann's School is sponsoring a parent information evening on the subject of child sex education Thursday, March 30, at 8 p.m. The program will consist of showing two films, which present the story of how boys and girls grow into adolescence, as well as displays of appropriate pamphlets, books, and phonograph records, some of which will be available without charge.

The program moderator will discuss briefly the age level at which a parent could present each phase of the education process.

This presentation will be held at the Knights of Columbus Hall, 700 W. Ridgcrest Blvd. There is no charge and the public is invited.

Lecture On Birds

A slide-illustrated lecture on the birds of Indian Wells Valley, geared for those who are not bird watchers, will be next in the Maturango Museum's series of programs. The speaker is Donald W. Moore, NOTS scientist. He will speak in the Weapons Exhibit Center auditorium Thursday night, March 30, at 7:30 p.m.

Moore will show the colored slides he has accumulated over the years, with an informal commentary, for about an hour, then will answer questions.

Gem Hounds Set First '67 Meeting With Slide Show

The first meeting of the new year for the Indian Wells Valley Gem and Mineral Society will be next Monday, March 27, at 7:30 p.m. in the Society's meeting place at the corner of Langley and Rowe Streets, according to newly-installed president Alvin Cles.

The meeting is to feature a program of colored slides and talk on Chinese carvings. There is also to be a case of Jade and Rose Quartz carvings on display.

New club officers installed at a pot luck supper late last month were Alvin Cles, president; Virginia Boyd, VP; Alice Witten, secretary; Virginia Fulmer, treasurer; and Elmer Hetrick, and William McBride, directors.

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Travel Branch, Airline Office Resume Business

Effective March 27, the Travel and Transportation Branch, Code 8517, and the Airline Traffic Office (JAMTO) will resume operations in their newly remodeled offices in building Number 2.

The telephone numbers for both organizations will remain the same.

STATION LIBRARY LISTS NEW BOOKS

A complete list of new books is available in the library.

Fiction

Bennett—Crooked River Canyon.
Browne—The Ancient Pond.
Gage—The Cruel Coast.
Swarthout—The Eagle and the Iron Cross.
York—Death to My Killer.

Non-Fiction

Baldwin—Battles Lost and Won.
Darrow—Give Up?
Hunt—The World of the Formerly Married.
Peissel—Tiger for Breakfast.
Smith—Boat Carpentry.
Sprowls—Computers.
Taylor—The Ageless Relics.
Watson—The Frontiers of China.

From _____

TO _____

PLACE STAMP HERE



ROBERT TAYLOR — "Halo For a Badman," a color telecast of the popular Death Valley Days is scheduled next Wednesday on KTLA, Channel 5 at 7 p.m. The show, written by Harold Noble, a local resident and employee at Genge Industries, is just one of the many scripts that he has written for the show. This particular episode will feature Robert Taylor as a reformed gun fighter turned town marshal. The plot thickens when some of the marshal's old friends show up in town with the idea of one last big haul in mind. They laugh at his badge, figuring that he too is looking for a big score.

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IR Countermeasures People Make Big Leap with FATCAT

Unique System Saves Time, Boosts Assessment Accuracy

By JOHN R. McCABE

The people of Michelson Lab's Infrared Countermeasures Group, in their modern trailer quarters just behind the Lab's main building, were faced with an incipient population explosion not long ago.

It was all because of a growing need for more and faster infrared countermeasures assessment, normally solved by adding more personnel. Then the problem was solved by the invention of a system unique in the free world, according to its co-inventors.

matches the two images by adjusting the scale model and the TV camera trained on it, with the film image, he gets a "fix" on the actual aircraft, too.

Once this is done — a matter of a few minutes and little strain — work can proceed rapidly in evaluating such things as range and aspect of a dynamic target, as well as its infrared radiating characteristics and the performance of countermeasures.

"Film and Television Correlation Assessment Technique," or FATCAT for short, is the name of the new system, and it is not only saving the day for Code 3008 in their rising workflow demands, but has greatly added to the precision of measurements needed in IR and other research and development work.

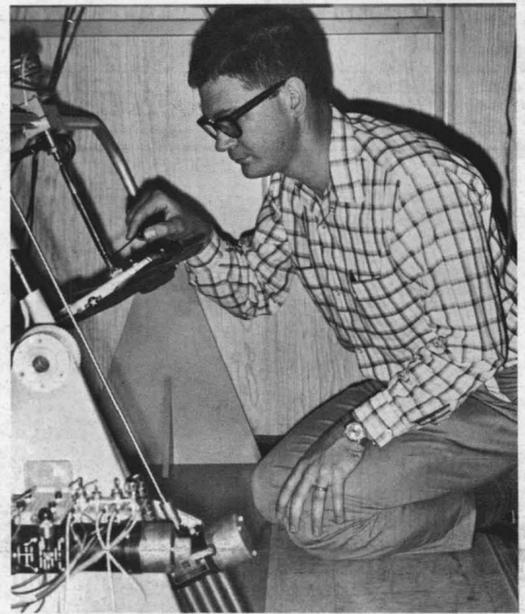
"Time Saver

"FATCAT is a key factor in our evaluation functions now," enthuses Ephraim Regelson, head of Infrared Countermeasures Group. "We couldn't meet our rising commitments without it; not with the slow hand measurement method we used to use," he adds.

In a nutshell, FATCAT combines on a TV screen the film image of an aircraft in actual operation — range and attitude unknown — and the televised image of an exact scale model of the same aircraft — range and attitude exactly known. When FATCAT's operator

FATCAT's co-inventors are John Crecelius, Bill Arriola, Howard Sumnicht, and E. Regelson of Code 3008, and George Silberberg of Code 30's Data Reduction Branch.

Regelson, a physicist, heads the Group; and Sumnicht, physicist, manages development of the project, now in its "bread-



ADJUSTING MODEL—John Crecelius, mechanical engineer who built FATCAT's model viewing system, adjusts model seen on TV monitor above. Output signals indicating range and aspect of model come from potentiometers such as the one mounted above vertical axis positioning rod. Just above his head and running some 60 feet behind him is rail for TV camera.

—Photographs by PH3 Jerry Willey

FLYING THE 'FATCAT'—Co-inventor George Silberberg reads model aircraft's "range" from digital output electronics as mathematician Shirley Mitchell positions the model by remote control. Readout shows what range and aspect of model would be if the model were a real aircraft. When image of model is matched with filmed image of actual counterpart, its range and aspect are also known. Equipment at right feeds filmed image made during actual test into TV monitor. Out of picture at left is IBM 526 Summary Punch to prepare output data for computer use. Silberberg estimates that an experienced operator could read about 300 data frames per day with little or no eye strain and with a precision of one-half a degree angle. Under the old system, a film reader had to view successive film images using a light box and an eyepiece magnifier with a scale engraved on the lens. Back and eye strain caused accuracy to fall off severely during a day, and obtaining exact measurements of visible details on the specific aircraft shown often slowed progress.



Balcom Elected To Head Navy League Council



W. R. "BOB" BALCOM

W. R. (Bob) Balcom was elected president of the Indian Wells Valley Navy League Council at the group's monthly meeting held at The Hideaway in Ridgcrest Monday night.

An employee of the Propulsion Development Dept., Balcom is the second NOTS Civil Service employee ever named to the Council's highest post in its 10-year history. The last NOTS employee to hold the post was G. L. (Barney) Oldfield (1963-64) also of the Propulsion Development Dept.

Balcom succeeds Milford C. (Mil) Carlson, the only man elected to the presidency twice, 1962-1963 and 1966.

Other new officers who will assist Balcom in Navy League affairs during his term in office will be Howell Sumrall, first vice president; Herb King, second vice president; Paul Mitchell, secretary, a NOTS employee, (Mitchell held the same office in 1962-63); Francis Carlisle, treasurer, and Budd Gott, judge advocate, also NOTS employees.

The new officers will be installed sometime in April.

Art Leaguers Plan Program On Chinese Art

The Desert Art League will hold its regular program meeting on Monday, March 27, at 8 p.m. in the Community Center.

Featured as speaker will be Mrs. D. T. McAllister of China Lake, who will talk on "Bronze, Silks, and Porcelain — 2000 Years of Chinese Art." Her talk will be illustrated by examples from her collection.

Mrs. McAllister was born in China and received her education through high school there. After graduating from college in the United States, she returned to China to teach for nine years.



Special Services Give Many Activities To 25,000 Monthly

12 Big Facilities Offer Recreation To Station People

BY ED RANCK

Of all the fringe benefits that are part of military life, probably the most frequently used and appreciated are those provided by Special Services. It has been said that if a private club were to attempt to provide the facilities that Special Services does, the cost of joining such a club would be too high for the average citizen. This may or may not be an exaggeration, but the fact remains that Special Services provides recreation facilities that are of interest to practically every man, woman and child aboard the Station.

25,000 Each Month

Under the able direction of Special Services Director Gabe Imer, 52 full and part-time employees of the division provide recreation services for over 25,000 military and civilians each month. The Special Services office at 76 Bard St. is the hub of the recreation activity. A weekly recreation guide, the "Recreation Rambler," is published by the office staff here.

The Station theatre, in Bennington Plaza, is perhaps the most popular of all recreation facilities. Here a feature movie is shown each evening at 7 p.m., with a matinee on Saturday afternoon. Theatre manager Mike Guy supervises a staff of eight employees. The theatre is also a locale for stage shows and concerts, with top entertainment attractions appearing from time to time.

For those who like to devote their spare time to tinkering, there are four hobby shops on the base. Facilities for auto repair, ceramics, electronics and woodworking are centrally located for patron convenience.

The Auto Hobby Shop, managed by L. C. Larson, is located off Halsey Ave., adjacent to the China Lake Bowl. Practically all the equipment needed to accomplish any car repair job is in the shop. The shop carries a large supply of parts, and some items can be bought for sizeable discounts. For those not mechanically inclined, Larson's able staff furnish qualified instruction. The Auto Hobby Shop is open to all military personnel.

The Electronics and Woodworking Shops are both located near the Station restaurant, off South Lauritsen Road. Clyde Stevens manages the electronics shop, and Archie Young is in charge of the woodworking facility. Plenty of parts and equipment are available at both shops, which are open to all Station residents.

Ceramics Shop

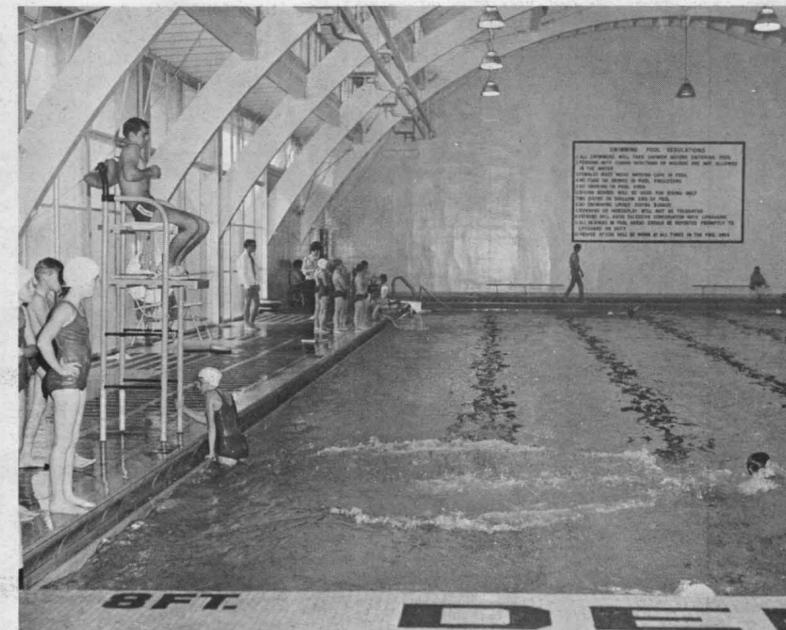
The Ceramics Hobby Shop, open to all military personnel and their dependents, is located in the Station restaurant building. Bob Dobbie is the shop manager, and an open house and ceramic show highlight the shop's activities. The show is held at the Community Center during Armed Forces Week each year, and this



GAME TIME—A center jump starts the action in intramural basketball play at the Station gym. The gym is also used for badminton, volleyball and gymnastics.



SWING YOUR PARTNER—Captain and Mrs. H. J. Hartman participate enthusiastically at a square dance.



A VERY BUSY PLACE—Young as well as the old enjoy the Station pool, which was recently painted. The world's largest pool regulation sign is seen in the background.

athletic program. Ray Gier heads the Athletic Department, which schedules a healthy variety of 14 sports ranging from horseshoes to flag football.

Much Activity

The Station gym and swimming pool, managed by Assistant Athletic Director Kelvin Bennett, are the scenes of much activity. The gym floor which is now being replaced, can accommodate such sports as badminton, basketball and volleyball. This area will be ready for use early in April.

The gym also houses a weight room, a handball court, a steam room, and a gear issue room. Anything from sweat socks to camping equipment (the camping gear is for military only) can be drawn at the issue room. The Station pool is in the same building. The gym complex is in the Bennington Plaza, and is open to all Station residents.

China Lake Bowl

A popular local athletic facility is the China Lake Bowl. Fred Dalpiaz, a certified AMF bowling instructor, manages the Bowl. The alleys can be used by all Station residents and are available for league and open bowling. A fine youth bowling program under the supervision of chairman Alie Schrad is scheduled on Saturdays.

Another popular recreation spot is the China Lake Golf Course. Located off Wasp Rd., it is considered one of the finest courses in the Mojave Desert. Some 1500 rounds of golf are played here each month. The golf season is highlighted by the Club Championship in September, the China Lake Invitational in October, and the Admiral Stroop Tournament in December. PGA pro Paul Somerson provides golf instructions. Putting greens and a driving range are also part of the layout. Art Neely, a former top Navy golfer and an experienced greenskeeper, is the course superintendent.

There are facilities for softball, football, baseball and tennis. Most of these are on Halsey Ave. between South Lauritsen Road and Richmond Rd. The Beer Hut softball diamond, home of the Station Softball League, is located at 76 Bard St., behind the Special Services office. The playing field and spectator facilities are undergoing extensive repair, and will be ready for the start of the softball season in early May.

Although the present recreation facilities at China Lake are among the best in the Mojave Desert area, many plans for improvement are underway. Most of the athletic facilities are being remodeled, and ground will be broken for a new bowling alley in the near future.

The hobby shops are in various stages of expansion, and it is hoped that the library will be remodeled soon. It all adds up to a fine recreation program, one that can make a tour of duty at China Lake an enjoyable one.

year is set for May 18-19.

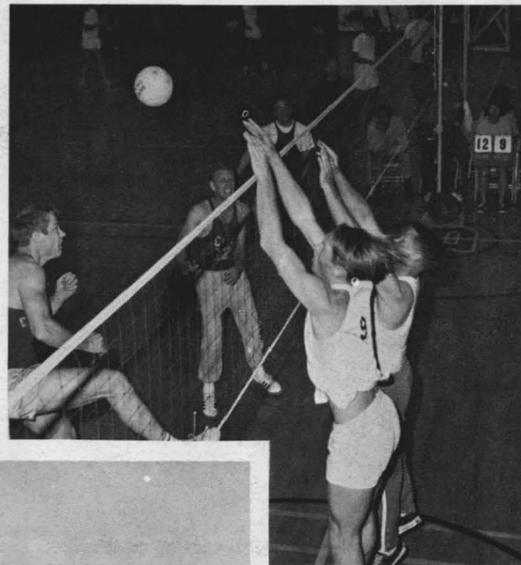
The Station Library is another popular Special Services facility. Located in Bennington Plaza, the 26,000 - book library is used by more than 4,000 persons each month. Among the many services provided by Librarian Maryon Ward and her staff of five, is a story hour regularly held at the China Lake Day Nursery by Librarian Jane LaRosa.

What may be the most unique of all Station recreation facilities is the China Lake Community Center. Under the direction of Ann Seitz, the Center offers many services to the China Lake community. The Community Center building, located on Blandy Ave., houses a TV lounge and five meeting rooms. The main hall at the

Center is open for parties, banquets and other recreation activities. Mrs. Seitz handles reservations for these.

Information and brochures for all southland activities are available in the Community Center foyer, and discount tickets for Disneyland, Marineland, sporting and other southland events can be had for the asking. For those in a picnic mood, Sandquist Spa is another facility which can be reserved at the Community Center. The Spa, located off Inyokern Road has picnic grounds, and barbeque pits and is available for large groups or special parties. The Spa and the Community Center are open to all Station residents.

No recreation set-up would be complete without a healthy



POWER VOLLEYBALL — Spiker from a C and H team pounds the ball past a two-man block in the recent China Lake Invitational, hosted here. Ten civilian and military teams participated in the all-day affair.

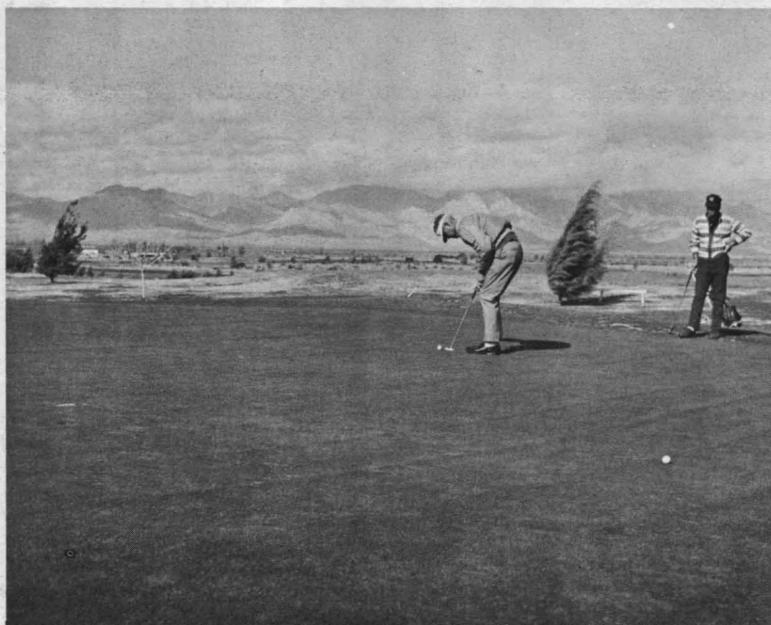


DEMONSTRATION—Orpha Dobie, left, shows Melba Webb and Rosemary McCaughan tricks of the Ceramic Shop.

—Photography By

PH1 Jerry Williams

PH3 Jerry Willey



FUN DURING LEISURE HOURS—One of the finest golf courses in the area is found right here at China Lake. A top notch pro is available for instruction.



TIGHT SPACE—John W. Rogers, VX-5, checks power steering unit on his car at Auto Hobby Shop. This is a popular shop with the military.



DIPLOMA — Fred Dalpiaz, China Lake Bowl manager, receives AMF Instructor diploma from Special Services Director Gabe Imer. Dalpiaz is one of the top bowlers in the area with many awards and trophies to his credit.



HAPPY STUDENTS—Mark von Hueme, left, and Tim Finegan do their homework at the Station Library, as do many.

NOTS Pasadena

VIRGINIA E. LIBBY — EXT. 638



SIGNING IN — More than 50 Pasadena elementary school teachers file through the front gate at NOTS Pasadena on Business-Industry-Education (BIE) Day. Issuing visi-

tor badges are Eva Young and Shirley Greenly of Visit Control and Susan Felix, Document Control Center (extreme right, l-r). The teachers spent the afternoon here.



A HIGH LIGHT in the visit of George Sorkin, Supervisory Materials Engineer, Naval Ship Systems Command (r), is a discussion with Paul Heckman and Ray Riordan, Applied Underseas Science personnel (l-r) on DSSP projects, in particular, the optical sensors program. Here, Paul gestures as he briefs the visitor on the range-gated receiver of the laser program.



ON A RECENT VISIT to NOTS Pasadena, James K. Nunan, Assistant Director Sea Warfare Systems, Department of Defense, Research and Engineering, confers on technical ASW programs with J. M. McCool, Head, Electronics Branch; and Captain G. H. Lowe, ComNOTS. (l-r).

NOTS Men Speak At Annual BIE Day

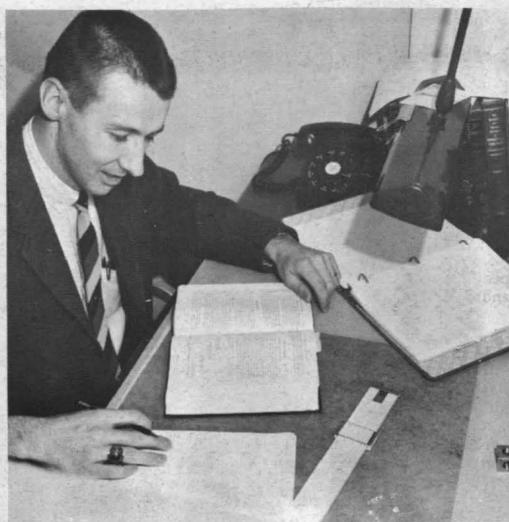
Once again, NOTS Pasadena hosted more than 50 elementary school teachers on Pasadena's 14th annual Business-Industry-Education Day. The yearly event promotes a better understanding between Pasadena schools and local businessmen. This year more than 700 elementary teachers and 200 business leaders participated in the day's activities.

Representing NOTS Pasadena at the morning sessions at Hale Elementary School were Lt. D. S. Milne, Operations Officer; Paul Reichert, Head of the Engineering Branch, P8052; Lloyd Maudlin, Head, Simulation and Computer Center, P8043; Bill White, Head, Thermodynamics Branch, P8075; and Thor Jensen, Head, Publications and Photography Branch, P8096.

The afternoon program on station included a film, "The Challenging World of Undersea Technology," a review of the SEALAB program by Ed Carpenter, Senior Project Engineer, P80838; The story of CURV, the part it played in the recovery of the H-Bomb off the coast of Spain, was related to the visitors by D. A. Kunz, Head, Systems Operations Division.

BIE Day is sponsored by the Pasadena Chamber of Commerce and the Pasadena City Schools.

HAPPY EASTER



Bill Wilson Makes USC Engineering Honor Roll

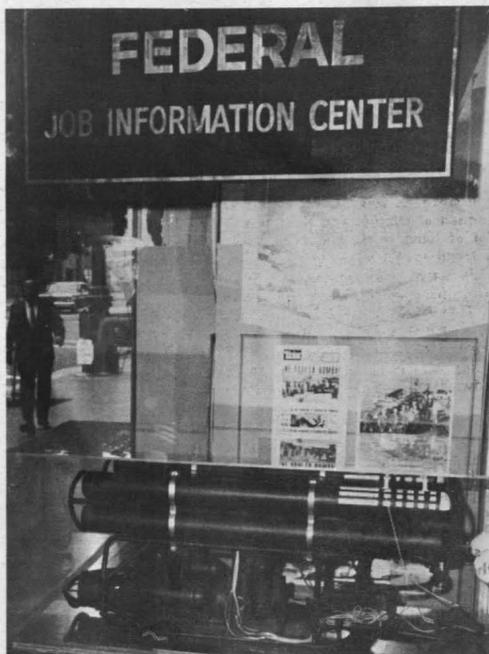
Bill Wilson, P8093, recently appeared in the Rocketeer when rewarded for sharing a patent award. Bill is making news again. According to a recent edition of the Daily Trojan of the University of Southern California, he has made the honor list issued by the Dean of the School of Engineering as one of 81 graduate and undergraduate engineering students who have maintained a 3.5 grade point average. Graduate students must maintain this average while

maintaining 8 or more units. He is presently working toward his master's degree in Mechanical Engineering.

Born in Wenatchee, Washington, Bill earned his B.S. degree in Mechanical Engineering from the University of Washington in December, 1964. He joined the NOTS Junior Professional Program on January 11, 1965.

He and his wife, Jeri, and two small daughters — Shannon 6 and Dori 3, reside in Altadena.

One Stop Information



A GRAND OPENING was held recently for the newly established one-stop information center for federal employment. This operation, set up by the Interagency Board of Civil Service Examiners, is designed to coordinate all requirements for recruitment. The new center presently handles all information for the Southern California area and the future will hold a supply of information throughout the entire country. An added attraction for the grand opening was an exhibit (shown above) of NOTS model of CURV (Cable-Controlled Underwater Research Vehicle). The new office is located at 851 South Broadway in Los Angeles.



WHAT'S GOING ON HERE? Joe F. Christie, frequency technician at the Frequency Coordination and Analysis facility of Code 3009, explains how frequencies are monitored and scheduled at NOTS to members

of Lloyd W. Brubaker's elective electronics class from Murray School. Brubaker, teacher of science at Murray, also instructs in astronomy and Morse Code with 7th and 8th graders.



PHOTOGRAPHIC TOUR — VX-5 and NAF recently hosted four members of the American Aviation Historical Society. Their one-day stop terminated a photographic tour that covered several south-west military bases. The society, in existence since 1934, gathers information that is used by journal-

ists, writers and news media in documenting all aspects of aviation. Of prime interest was VX-5's newly arrived A-7As. Left to right are Clay Jansson, Lt(jg) J. E. Curran, VX-5 Public Affairs Officer; Doug Olson; Bude Donato; Peter Lewis and Lt(jg) R. Matlock, NAF Security Officer.

NAF's Floyd Cook Chosen 'Plane Capt.'



OUTDOOR MAN — AN Floyd Eugene Cook's devotion to high-performance machines has been evident to both his supervisors and his buddies at NAF and in China Lake since he arrived here in October, 1965, fresh out of boot training at Great Lakes NAS. He has been chosen "Plane Captain of the Month" for March for his work with a DF-8F on the job. On weekends he takes part in "stock" car racing activities in the Valley. Cook joined the Naval Reserves in June, 1964, in his native Roswell, Ga., and went on active duty one year later. His other off-duty interests include hunting, fishing, and boating in his 14-foot outboard back home. A traveler also, Floyd has made tours both around the state and locally, including L.A., San Francisco and the upper Mojave.

Unique System Saves Time

(Continued from Page 1)

board" stage. Silberberg, another physicist, came out to 3008 from his home code to help solve the Group's work flow problem. Creelius, a mechanical engineer, set up FATCAT's machinery; Arriola, a technician, worked with the TV component manufacturers.

Steve Szynter of Associated Aero Science, Inc., works in the Code's trailer building in the IR evaluation process, selecting film segments to be processed through FATCAT, and aiding in its development. At the NOTS Pasadena laboratory, Lloyd Berghagen of Code P55 and Eleanor Owens of Genge Industries are helping obtain vital parts and components needed in the project.

As FATCAT continues to be improved toward its final form, regular projects continue to be fed into it, and two shelves-full of scale model aircraft of all kinds and some air ordnance wait to be mounted and used. The presently separated electronic consoles are to be combined into a single compact console; and the TV camera that views the scale model is to be mounted on its overhead track, along which it will be positioned by remote control to simulate target range.

Valley Nurses Called To Strictly Business Meeting on Monday

Business calls all nurses in the Valley to a meeting next Monday, March 27, of the Indian Wells Valley Nurses Club. Tillie Sbrocca of the Nurses Club explains that a large turnout next Monday is needed to prepare the Club for its 1967 schedule.

The strictly business meeting will be held in the Community Center.



SEABEE CAKE CUTTING — Officiating at the cake cutting during the recent 25th anniversary of the SeaBees were from left to right, Capt. Robert Williamson, II, NOTS

Executive Officer; Capt. H. J. Hartman, Public Works Officer, LCdr. Richard Malone, Commanding Officer of the local SeaBee unit; and Chief Lewis C. Minter.

CHAPLAIN'S MESSAGE



An Imaginary Letter

By Senior Chaplain Paul Romantum

The following is an imaginary letter which Pontius Pilate might have written in the First Century. It appeared in the March 14, 1951, edition of "Christian Century" and is attributed to the late Dr. Halford Luccock, great preacher, author, teacher of preachers, columnist and commentator.

It provides food for thought on Good Friday for it shows why so many are unwilling to become involved in the life and teachings of Jesus — too much trouble, not my business, it won't pay off.

THE MOST NOBLE TERTIUS QUARTUS, ROME Your Excellency:

You have heard of the disturbance last Spring over the trial and execution of one Christus. It was quite a nuisance. But then, everything in this miserable province is a nuisance. But it passed off all right, and we will never hear of Christus again.

My skirts are clear. I rather liked the man. He was what the Jews call a prophet, from upcountry, unsophisticated, of course. But compared to the rabble yelling their heads off, and the priests pushing their flimsy charges with no evidence at all that would hold in a Roman court, he was dignified and attractive. I told them plainly and courageously that I found no fault in him. But they kept yelling, "Crucify Him!" So I washed my hands of the whole affair.

My reasons were sound. To have this Christus go free would have meant a riot and disorder and, no doubt complaints to Rome. And you know that could be a lot of trouble. A procurator must keep order above all things.

Besides, it was none of my business, really. The man had committed no crime, but after all, it was not my affair to mix into the squabbles of the fanatical Jews. It was their business, not mine.

And then it just happened to be a lucky chance to get solid backing from two groups opposed to me — the priests and the populous. I couldn't let that slip. It will mean a lot to my prestige and career here, and I hope in Rome, too. So if you hear any different reports, dismiss them.

With high esteem, Pontius Pilate



Eastertide Services

PROTESTANT

CATHOLIC

Good Friday, March 24 11:45 a.m.—Devotional Services conducted by Sr. Chaplain Paul Romantum in the All Faith Chapel. Easter Sunday, March 26 7 a.m.-8:30 a.m.—Breakfast sponsored by the Protestant Women of the Chapel and served by the Senior High Youth Fellowship in the East Wing. Tickets at door. 8:15 a.m. and 11 a.m.—Divine Services conducted by Sr. Chaplain Paul Romantum, All Faith Chapel.

Good Friday, March 24 2:30 p.m.—Solemn Services conducted by Chaplain Paul Toland in the All Faith Chapel. Holy Saturday, March 25 11:15 p.m.—Easter Vigil Services. 12 p.m.—Midnight Mass. Easter Sunday, March 26 MASSES: 7, 9:30, and 12:30. Holy Week Triduum Preachers from St. John's Seminary, Boston, Mass.—Rev. Robert J. Banks, S.T.L., J.C.D. Professor of Canon Law; and Rev. Charles Von Euw, Professor of Oriental Theology.

The Rocketeer

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DIVINE SERVICES

Christian Science (Chapel Annex)—Morning Service—10 a.m. Sunday School—10 a.m. Protestant—(All Faith Chapel)—Morning Worship—8:15 and 11 a.m. Sunday School—9:30 a.m., Chapel Annex 1, 2, 3, 4 (Dorms 5, 6, 7, 8) located opposite Station Restaurant. Roman Catholic (All Faith Chapel)—Holy Mass—7, 9:30 a.m., and 12:30 p.m. Sunday. Daily Mass—11:30 a.m. in Blessed Sacrament Chapel. Saturday, 8:30 a.m. Confessions—7 to 8:00 p.m. Saturday. NOTS Jewish Services (East Wing All Faith Chapel)—8 p.m. every first and third Friday. Sabbath School—10 a.m. to noon, every first and third Saturday. Unitarian Fellowship—(Chapel Annex, 95 King Ave.) Sunday, 7:30 p.m.

PROMOTIONAL OPPORTUNITIES

Clinical Nurse, GS-5, Code 88 — This is an intermittent position located in the Nursing Services Branch of the U.S. Naval Hospital. Employment will normally total two or three days a week. Applicants must be currently licensed to practice as registered professional nurses in a State or territory of the U.S.

Sales Checker, GS-2 (temporary), Code 28 — This is an intermittent position located in the U.S. Navy Commissary Store. Incumbent will perform check-out duties designed to provide training and experience in the operation of a multiple cash register and sales store clerical knowledge and abilities. A written test is required plus six months experience or graduation from high school.

File applications for above with N a e m i Campbell, Bldg. 34, Rm. 28, Phone 72218. General Engineer, GS-9, 11, or 12, Code 4543 — Incumbent will assume the responsibilities and duties of Project Engineer in the formulation, design, development and testing of pyrotechnic devices requirements from conception to delivery to the fleet. Work will include design of tooling, instrumentation and equipment, studies of environmental effects and development of pyrotechnic formulations. The incumbent must provide the leadership required for successful completion of assigned tasks. Experience is required in the fields of General and/or Chemical Engineering.

File applications for above with Evelyn Moors, Bldg. 34, Rm. 27, Phone 72723. Gas Heating Equipment Mechanic, JD No. 96, Code 70433 — Installs, maintains, and repairs or replaces gas burning equipment such as cook stoves, water heaters, space heaters, furnaces, water and steam boilers up to 40-pound working pressure and 1,000,000 BTU; also evaporative cooling units and water towers up to 50,000 CFM. Installs, maintains, and repairs or replaces thermostats, high and low-pressure regulators, diaphragm safety valves, thermocouples, combination fan and limit switches, pilots, burners, pumps, motors, bearings, pulleys, belts, evaporative pads, filters, float valves, time clocks, and solenoid valves.

File applications with Dora Childers, Code 657, Rm. 32, Phone 71393.

Electronics Technician, GS-7, Code 5516, PD No. 755033 — Position is located in the Electronic Components Analysis Section, Code 55163. Duties consist of conducting nondestructive and destructive tests on solid state components, transistors, diodes, resistors, etc., using X-ray, spectrographic, chemical, and electrical methods and instrumentation to determine methods of construction, operating parameters, and causes of operational defects for reliability and design improvement.

Mechanical Engineering Technician, GS-9, or GS-11, PD No. 755041, Code 5527 — The purpose of this position is to develop prototype missile guidance and control mechanical and electro-mechanical hardware, to develop assembly methods and techniques and assist in documentation of assembly methods and techniques, to perform liaison with and provide consultation to contractors and project engineers, to provide production engineering assistance to project engineers, and to perform liaison with Station prototype production shops.

Mechanical Engineer, GS-12, Code 5542, PD No. 755039 — Position is responsible for original mechanical design, redesign and modification of existing hardware and equipment. He is responsible for production and value engineering in support of other Station organizations. He is responsible for hardware being produced by the Engineering Department shops or outside contractors.

Mechanical Engineering Technician, GS-11, PD No. 655014, Code 5561 — Responsible for performance of mechanical or original mechanical design, redesign and modification of existing hardware and equipment. He is responsible for production and value engineering in support of other Station organizations. He is responsible for hardware being produced by the Engineering Department shops or outside contractors.

File applications for above with Joan Cheever, Rm. 34, Bldg. 34, Phone 71354. Secretary (Steno), GS-3184, Code 17 — Secretary to the Head, Central Staff. Duties include correspondence, travel arrangements, maintaining supervisor's calendar and general secretarial duties. A knowledge of shorthand is essential. Experience required: Two and a half years general and one year specialized.

Auditor, GS-510-11, Code 177 — Incumbent of this position serves as Internal Auditor in the Internal Review Division in Central Staff. The incumbent performs and assists in the conduct of diversified internal reviews of the financial and operating activities of the Station. Experience required: Three years general and three years specialized.

File application for above with Sherry Scher, Bldg. 34, Rm. 26, Phone 71577. Administrative Clerk, GS-5, Code 4066 — This position consists of a combination of administrative assistant and secretarial duties and is located in the Aeromechanics Division, Weapons Development Department. Assists in preparation and submission of the Division budget and establishes budget, fiscal accounting and control procedures for the Division. Responsible for all Division secretarial functions.

Mathematician, GS-9, 12, Code 4055 — The incumbent will perform studies on the digital computer, applying the techniques of communication theory and modern control theory to problems in the analysis of advanced weapon systems and IR search systems. A knowledge of digital computer programming (Fortran IV or V) is desired, and an understanding of probability theory and random processes is desirable. File applications for above with June Chipp, Bldg. 34, Rm. 26, Phone 72676.

'DESERT PHILOSOPHER'

About Tortoises

By "POP" LOFINCK



It's about time for Tortoises to be coming out. I haven't seen any yet—but snakes are out—and Tortoises come out about the same time.

Turtles, Terrapins and Tortoises are loosely called turtles. They came from the same origin—but are not the same. Accurately speaking Turtles are a salt water reptile—Terrapins are amphibious—live on land or in fresh water—ponds, lakes or streams. The edible Snapping Turtle is a Terrapin. The Mojave Desert Tortoise is strictly a land turtle.

All turtles came out of the ocean in the beginning. That accounts for the streamlined shape, shell, for swimming. They are the most primitive of existing reptiles and considered to be the most intelligent, and with amazing instincts. They attain the oldest age in the reptile world. Probably because they are never in a hurry.

There is a lesson for living!

Age is estimated by the number of growth lines in the polygonal plates on the top of the shell. But that is not too reliable, because in a good year they may add two lines and as the turtle grows old the lines become so fine and so dim—making counting very difficult—like very old tree rings.

However there is positive proof of Galapagos turtles living 150 to 200 years. Some specimens are estimated to have lived 400 years.

NOW ABOUT MOJAVE DESERT LAND TORTOISES

A million years ago this desert was a part of the ocean. So this Mojave Desert Land Tortoise changed from living in the sea that covered this area to burrowing a deep hole in the desert sand for hibernation in winter. Sometimes several in the same hole. In summer they dig a short more shallow hole for protection against extreme temperatures of mid-day.

Tortoises have forgotten how to swim—having been so long out of the sea.

During the long evolutionary process of survival—feeding habits changed to mostly vegetarian. And a water reservoir evolved under the top shell—so they could survive in the desert.

And they grew toenails for digging.

The streamlined shape of their shell was not detrimental to survival—so the shape has not changed—in fact it is an asset as a protection against predators. In evolution there must be a reason for change—or no change.

A WORD OF WARNING

Mojave Desert Tortoises are protected by law. It is illegal to buy, sell or pick up a Tortoise for a pet. \$50.00 fine.

The reason for this law is that so many thousands have been picked up that the species is becoming depleted. This information came from the Game Warden, Carl McCammon.

It is estimated that thousands have been picked up and shipped East to sell for pets. So the law cracked down.

Many kids in this area have them for pets. If you were in possession of your pet before that law was passed—ok—but you had better have proof. You could be fined for transporting one in your car—if you don't have proof.

The California Department of Fish and Game and the Forestry Department are on the ball all the time—they keep a watch over everything pertaining to Wildlife. Bravo!

Any reptile that can survive changing conditions for 175 million years commands respect. So let's do what we can for the preservation, before they become extinct.

It doesn't seem right that such unique creatures as these Tortoises after such a complete and amazing adaptation to environment—from ocean to desert—should perish to silly civilization or selfish commercialism. It seems they might survive every thing but man.

Sometimes they get run over crossing the pavement. They haven't learned to adjust to highway traffic yet.

Footnote—those little turtles you buy in the stores to put in your aquarium are terrapins or mud turtles. No law on them.

Electronics Technician, GS-7, PD No. 730-021, Code 3012 — This position is located in the Design and Development Branch, Code 3012. The incumbent will assist electronic engineers in designing, constructing and packaging electronic devices for missile launchers, gun and radar systems and control systems. He will also fabricate and test electronic assemblies to be tested on the NOTS ranges. Experience in fabrication and checkout of logic systems operating at approximately 5 mc/second is mandatory; this includes the performance of accepted electronic and mechanic assembly procedures and the operation of electronic test equipment such as oscilloscopes, signal generators and counters.

File application for above with Fawn Haycock, Bldg. 34, Rm. 34, Phone 71314. Electronics Technician, GS-9, PD No. 735-027 or GS-11, PD No. 735028, Code 3536 — Position located at Hangar 3, NAF, AOD's Airborne Instrumentation Branch. 40 percent of the duties involve operation, improvement, and maintenance of a small telemetry ground station (ADAC). ADAC is used primarily for gathering data in real-time for captive missile flight tests. Remaining 60 percent of the duties involve the design, modification, packaging, and

evaluation of instrumentation systems. Incumbent must be able to work with scientists, engineers, and technicians in a cooperative way. Must be able to speak clearly in order to communicate with AC pilots. He must have specialized experience in one or more of the following areas: telemetry, oscillographs, magnetic tape recorders, UHF communications, or test equipment maintenance. File application for above with Mary Morrison, Rm. 32, Bldg. 34, Phone 72032. Aircraft Electrician, WB-11, Code 18 — Fabricates interconnecting electrical cable in target aircraft drones, laying out, assembling, and installing. Frequently wires electrical and electronic components for installation that are one-of-a-kind and removes this circuitry from aircraft at conclusion of tests or upon aircraft turn-in. Must have four years of progressive experience in the installation, construction, repair and/or overhaul of electrical wiring, connections, equipment and accessories. At least one year of experience must be electrical work on aircraft. Applicant lacking only one year of specialized aircraft electrician experience will be considered for this position for captive missile flight tests. Remaining 60 percent of the duties involve the design, modification, packaging, and

THE LOCKER ROOM

Family Affair

By ED RANCK



Mutual interest in sports and recreation among members of a family is not a particularly unusual thing. There aren't many family groups, however, that have the sporting togetherness that Fred Dalpiaz, his wife Viv and their offspring Ken and Patty have.

To those who are not familiar with sports in the local area, Fred is the popular manager of the China Lake Bowl. The members of the Dalpiaz family are all enthusiastic bowlers, and are active in the game to the extent that it has to be considered a family affair.

In the China Lake-Ridgecrest area over the past five years, the name Dalpiaz has become almost synonymous with the word bowling. It is almost a certainty that each week in the sports page, under the heading of bowling news, the name Dalpiaz will appear. The game has become almost a way of life with the Dalpiaz's and it's interesting to find out how it all came about.

FRED A FORMER GOLDEN GLOVES CHAMP

Fred Dalpiaz was born in the coal mining district of Colorado. His family moved to Florence, a town of 2,800 about 50 miles from Colorado Springs, when Fred was 12 years old. Times were hard in those days, and Fred worked in the mines three days a week throughout high school. He was a four-letter man in baseball and football while in high school at Florence, but his real interest was boxing. Fred won the Colorado State Golden Gloves championship in 1940, then turned pro, winning two out of four professional fights.

World War II erupted at this time, and Fred entered the Navy, where he was an air crewman in the Pacific area. In 1943, he took up bowling, and immediately became enthusiastic about the game. While stationed at Olathe, Kansas in 1956, he was assistant bowling manager, and after a tour of sea duty, came to China Lake.

Fred became assistant manager at China Lake Bowl in 1962, and took over as manager in 1964. He retired from the Navy as a Chief Aviation Machinist Mate in 1965, and since that time has devoted all his efforts to managing the Bowl and working with various bowling programs throughout the area.

Fred is the only certified AMF bowling instructor working at China Lake. He is also an instructor for the American Junior Bowling Congress, and along with Aline Schad has been in charge of the local youth bowling program for the past two years. Designed for kids in the 8-18 age bracket, the program has become one of the most popular youth activities at China Lake. The program, which is conducted on a national scale under the auspices of the AJBC, has produced some of the best bowlers in the country.

THE ALL-EVENTS CHAMPION

Ken Dalpiaz is proof of the success of the AJBC program. At 23, he is one of the top bowlers in the local area, and this year was the all-events champion in the city tournament. Unlike his dad, Ken's only major sporting interest has been bowling, but in this he has been able to give the "old man" plenty of competition.

Usually a 190 plus average bowler, Ken has been at the game since he was 12. He began bowling while the family was stationed at Olathe, and Fred was his first instructor. He put in a lot of hard work, and soon was bringing home his share of the trophies. Working as a pinsetter at Olathe, Ken spent most of his spare time practicing. Sometimes he used two alleys, setting his own pins between frames.

The work paid off though, and later Ken was a member of a youth traveling team in the San Francisco Bay area. He bowled with several youngsters who later became famous in bowling circles, among them Billy Hardwicke of San Mateo. Hardwicke is currently one of the top professionals in the country.

THE DISTAFF SIDE

Viv, who was raised in Canon City, Colorado, also began bowling at Olathe. Besides being a mother and housewife, she also helps Fred in the day to day operation of the China Lake Bowl. Despite the tight schedule, she still manages to bowl three times a week, and has a respectable 149 average.

Patty is the youngest member of the Dalpiaz clan. She got her start at the age of seven, and currently has a healthy 133 in the junior youth bowling league. An eighth grade student at the Murray School, Patty enjoys other sports, especially basketball.

It's a sports minded family as you can see, one that sticks together and plays together, and really enjoys it.

Time Trials For IWV Swim Team

The IWV Swim Team held its annual time trials last Saturday at the Station pool. The time trials are held each March to qualify club members for the summer competitive season. from 7 to 17 took part in the trials, with 119 qualifying for the team. Ann Allan, Charles Lattig, Martha Bock, Kris Bjorklund and Jan Hillard all won four ribbons in their respective age groups. The team's next meet will be at Wasco, Calif. on April 15.

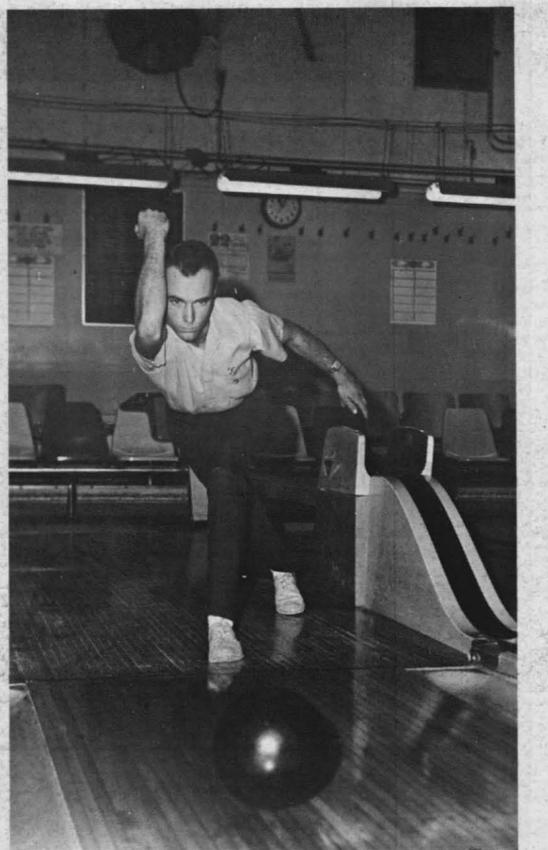
Swimmers ranging in age from 7 to 17 took part in the trials, with 119 qualifying for the team. Ann Allan, Charles Lattig, Martha Bock, Kris Bjorklund and Jan Hillard all won four ribbons in their respective age groups. The team's next meet will be at Wasco, Calif. on April 15.

Result of Men's City Tournament

Ken Dalpiaz rolled a series of 1924 to take all events honors in the 1967 Men's City Bowling Tournament, held last weekend at the China Lake Bowl, and the preceding weekend at Ridgecrest Recreation Center. Dalpiaz led a field of 128 bowlers, edging Joe Jones by 33 pins to win top honors in the 9-game event. Dalpiaz also teamed with Maury Coleman to win the doubles championship. The pair jumped to a total of over 500 in the first game, then held on to win by 23 pins with a score of 1315. Jones was the top man in the singles event, rolling a sizzling 754. Mercury Movers, a team which is currently in the cellar of the China Lake Premier League, came to life and rolled a combined total of 2903 to capture team honors. The team edged Ridgecrest Lanes by 5 pins, as Al Hebert rolled a strike and a spare in the 10th frame of the final game to clinch the victory for the Movers.

INDIVIDUAL SCORES

Table with 2 columns: SINGLES TOTAL and DOUBLES TOTAL. Lists names and scores for various bowlers.



ALL EVENTS CHAMPION—Ken Dalpiaz won the 1967 all events championship at the Men's City Tournament recently. Dalpiaz topped a field of 128 local bowlers.

Burroughs Host Ping-Pong Play A Golf Tourney On Local Green

The Burroughs High School golf team will be the host club at the 1967 Golden League golf tournament next week. The tournament will be held at the China Lake golf course on Thursday, March 30.

Clubs from Victorville, Barstow, Kennedy, Palmdale, Antelope Valley, Quartz Hill, and Burroughs High will compete, with the first round beginning at 12 noon.

Trophies for the low team score, and individual scores will be awarded. The presentations will be made at a buffet, which will be held in the clubhouse immediately following the tournament.

USEFUL WORK Schools of fish may some day be tracked down by nuclear submarines. The Department of the Interior's Bureau of Commercial Fisheries says the subs have the high speeds, maneuverability and long-term submersion needed for the work.

John would like to get a number of fellow table tennis players together on Thursday evenings at 7:30 at the Station Gymnasium, or at some other convenient time each week. He asks that anyone interested in the idea — with perhaps a regular club in the offing — call him during the day at Ext. 71358.

Little League Calls Volunteers

Volunteers are still needed to help prepare the two Little League diamonds for this coming season, according to Clyde Hazen of the League. A field day will be held tomorrow morning at 9:30. The event will be held at the China Lake Tennis Courts.

Specialized computer analysis is employed by Navy in personnel field and broken out into eight areas. Areas are Submarines, Anti-submarine Warfare, Anti-Air Warfare, Nuclear Power, Command and Control, Rating, Aircraft, and Automatic Data Processing.

Ping-Pong Play

Ping-pong — or table tennis as it is more formally called — never reaches the intensity of a championship tournament-type sport in most communities in the country. But at least one China Laker would like to see it catch on a club sport here, and he is calling on his fellow Lakers to join him.

John Griffin, a draftsman at Public Works, is the man to call. In his native London eight years ago, he played with the British European Airways table tennis team, and says that throughout England and the rest of Europe the game is a very strong league sport.

"It's strong also down in Pasadena," he says. "They watch the national averages down there, and they practice like crazy. Sometimes you can meet the big national players, too."

John would like to get a number of fellow table tennis players together on Thursday evenings at 7:30 at the Station Gymnasium, or at some other convenient time each week. He asks that anyone interested in the idea — with perhaps a regular club in the offing — call him during the day at Ext. 71358.

Deadline Cometh

The final registration before the organization's Major League tryouts will be held from 7 to 9:30 p.m. next Tuesday at the Grove School Cafeteria. All boys not registered should do so at this time — including last year's players