

# ComNavAirPac Visits Station



**DISTINGUISHED VISITOR** — VAdm. T. F. Connolly, Commander, Naval Air Forces, Pacific Fleet, gets farewell handshake from Capt. John I. Hardy, ComNOTS, as the Ad-

miral and his staff depart following visit to the Station on Tuesday. The Admiral was Experimental Officer here 1952-54. He assumed his present post Oct. 30, 1965.

# Concert Season Tickets Offered to Newcomers

Newcomers to the Station are invited by the China Lake Civic Concert Association to place their names on a waiting list for next season's series of five concerts.

The Concert Association is currently conducting a renewal campaign among this past season's ticket holders and until the completion of the campaign on April 20.

The exact number of seats available for new subscribers is not known. However, it is estimated that approximately 300 of the Station Theater's 1,086 seats will be available for new subscribers.

The China Lake Civic Concert Association has over the years brought leading artists of the music, orchestral, and ballet worlds to the Station Theater. There will be five concerts in the 1966-67 series and three of these concerts will also be given at the Music Center in Los Angeles.

The Board of Directors of the Concert Association points out that you don't have to drive all the way to Los Angeles to hear concert music — all you have to do is subscribe to the concert series here.

Prices for the five concert series are \$15, \$12, and \$10, depending upon the location in the Theater. Students of the elementary and high school go for half price.

Newcomers who are interested may place their names on the waiting list by calling K. W. Heyhoe in the evening at ext. 723313 or Mrs. Marvin Backman at ext. 723303 from 10 to 12 a.m. and 2 to 4 p.m.

Names may also be added to the list by sending a postcard to the China Lake Civic Concert Association, P.O. Box 5377, China Lake. Since the first concert is October 5, this spring will be the only time that the Concert Association will have its sales campaign.

# Duplexes Open For Families Of 2-4 Persons

Applications for two - bedroom Old Duplexes will be accepted from families of two, three and four persons (two children of the same sex) in Group I, the Housing Office has announced. This includes anyone in Group I regardless of marital date.

All families in one bedroom units are encouraged to apply for units for which they are eligible.

These applications will become a permanent part of the housing lists. Applications received before Tuesday, March 29 will be used to fill present vacancies.

Questions can be referred to the Housing Office, Ext. 72087.

# N. Dakota Artist Speaks of Trials To Art Leaguers

James E. Innis, artist from Williston, North Dakota, will tell Desert Art League members of the trials and tribulations of art in the Frozen North at the League's monthly program meeting Monday, March 28. The meeting will begin at 7:45 p.m. in the Community Center.

Innis appeared recently before the Bakersfield Art Association for its program meeting and delighted the group with his humorous and witty commentary on the life of an artist in North Dakota.

Making a living through art in the Dakotas isn't easy, he says, and a sense of humor is needed to carry one through the grim periods.

He will present a palette-knife demonstration in oils, in addition to comparing frustrations with local residents.

In Williston Innis has his own sign shop which covers signs, murals, cartoons, drawings for papers and design and application of trademarks. His artistic career as a painter has been developed in his spare time.

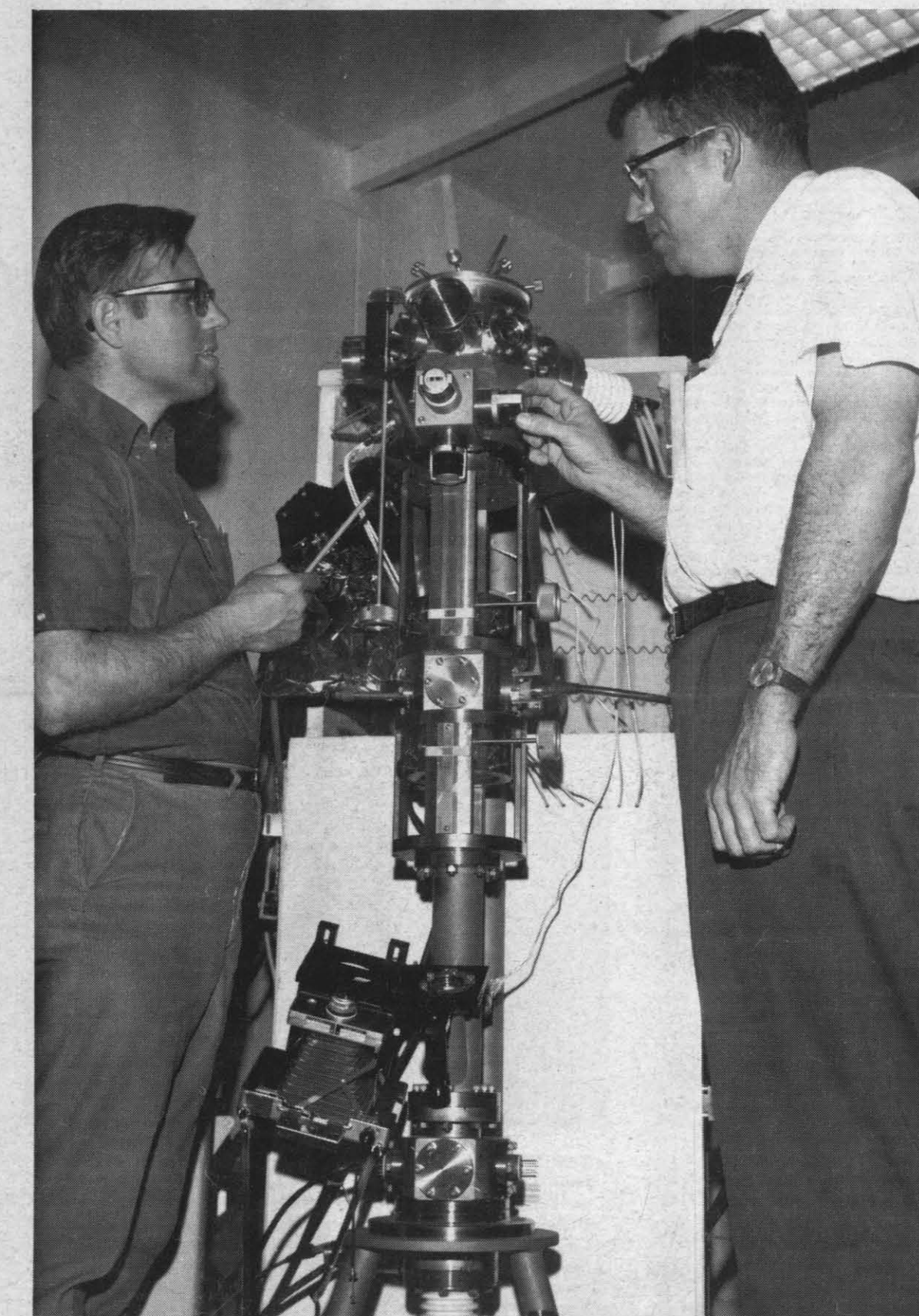
He has his paintings hung, by request, in the Senate Office Building in Washington, D.C., and in the North Dakota State Capitol at Bismarck. He has had several one-man shows including Bakersfield, Old Town in San Diego, and Farmington, New Mexico in the Southwest.

Childhood is that wonderful time of life when all you need to do to lose weight is take a bath.

# New Advance in Microscopy Achieved by NOTS Scientists



Vol. XXI, No. 12 Naval Ordnance Test Station, China Lake, California Fri., Mar. 25, 1966



**DELICATE LENS ADJUSTMENTS** of ultra-high vacuum electron microscope are discussed by makers (l-r) Dr. Ernst Bauer and George H. Turner of Code 50's Crystal Physics Br. "Bakeable" scope has magnetic and electrostatic lenses. Electron gun is at bottom; specimen chamber at top. A perfectly clean interior can be obtained with scope.

# Higher Vacuum Scope Aims at New Research

Dr. Ernst G. Bauer and George H. Turner of the Research Department's Physics Division have announced—with traditional scientific caution—progress in the construction of a new ultra-high vacuum electron microscope.

This advanced instrument, offering further capabilities in the study of surfaces, has been under development for the past four years by the two physicists.

### Advantages Listed

One of the great advantages this instrument offers, Bauer and Turner explain, is that it is possible to clean the surfaces to be viewed while they are in position in the instrument.

To aid in obtaining "cleanliness," the all-metal microscope can be heated to 600 degrees Fahrenheit to expel gases from its internal surfaces. In short, it is "bakeable."

By "clean" Bauer and Turner mean that no perceptible contamination remains on the specimen. They expect that the specimens can be maintained clean for 30 minutes in a vacuum of up to two times ten to the minus ten torr (millimeters of mercury pressure).

Pressures that low — comparable to those of outer space — were not commonly attainable in the laboratory a decade ago. Although higher magnification can ultimately be reached, present magnifications are of the order of 1000 times.

The microscope stands some five and a half feet tall in George Turner's Michelson Laboratory office. Dr. Bauer admits, after some coaxing, that he was a leader in the development of the theory which led to this instrument, and explains that Turner did most of the actual design and assembly.

### Work Praised

Turner praised the work of Bill Faith and Vernon Jones in machining the critically

close - tolerance parts.

"We have never before been able to image a perfectly clean surface with an electron microscope," Turner says. "The instruments of ordinary vacuum, using rubber O - ring seals, haven't been able to keep a surface clean for more than a second."

He points out that the basic problem which stimulated the idea in 1962 was the difficulty in interpreting low energy electron diffraction patterns from

(Continued on Page 3)



**FRED FELDMAN, M.D.**, is scheduled to talk to China Lakers and members of the Desert Area Counseling Service next Friday evening on "Mental Health In An Isolated Community." He'll be the guest speaker at the Service's 15th Annual Dinner Meeting in the Officers' Club at 7 p.m., April 1. Dr. Feldman has been the Service psychiatrist since 1952.

# Machinist, Seabee Chief Goes Active with State

In the years since January, 1946, Frank H. Menard has worked as a journeyman machinist in every machine shop at NOTS, and for the last 12 years has been a member of the local Seabee Reserves.

Frank, an inside machinist with Public Works, now is getting ready to cap his varied career with a 24-month stint of active duty with the SeaBees, serving with the State Department overseas on its security program.

"I don't know just what my duties will be yet," he says, "but I'll be leaving for Long Beach April 7, then to Washington, D.C., and from there to Base Headquarters in London, England. I expect to be moving around from country to country after that, and I may offer to extend my tour for another two years after this first



**FRANK H. MENARD, CMC** . . . goes to State Dept.

(Continued on Page 4)

# STATION LIBRARY LISTS NEW BOOKS

Borgmann—Language on Vacation.  
Hayes—A Gift of Joy.  
Hitch—Decision Making for Defense.  
Janowitz—The New Military.  
Kraus—Backache, Stress and Tension.

Lang—An Inquiry Into Enoughness.  
Lavender—The Great West.  
Shepard—John F. Kennedy, Man of the Sea.  
Stucki—Behind the Great Wall.  
Williams—This is My Country Too.

# SHOWBOAT

**FRIDAY MARCH 25**  
"EL CID" (170 Min.)  
Charlton Heston, Sophia Loren, Raf Vallone  
7 p.m.  
(Spectacular in Color) Raring out of the pages of Spanish history comes the legendary El Cid, a giant of a man, skilled by many battles and in love with a woman who is pledged to avenge the death of her father. The war against thousands of Moors and noble hand-to-hand combat make for exciting adventure and thrills galore. (Adults, youth and mature children.)  
**SATURDAY MARCH 26**  
—MATINEE—  
"AROUND THE WORLD IN 80 DAYS" (93 Min.)  
The Three Stooges  
1 p.m.  
Shorts: "Tooth Or Consequences" (7 Min.)  
"Trader Tom No. 2" (13 Min.)  
—EVENING—  
"PINOCCHIO IN OUTER SPACE" (76 Min.)  
Feature Cartoon, Voice of Arnold Stang  
6 and 8 p.m.  
(Cartoon in Color) Pinocchio, who was once a real boy, was turned into a wooden puppet by the good Fairy because he was so obnoxious. He tries to redeem himself by capturing a giant whale who is disrupting the space program. Fast-moving and unusual. (Adults, youth and children.)  
Shorts: "Arizona Sheepdog" (22 Min.)  
**SUNDAY-MONDAY MARCH 27-28**  
"SECRET AGENT FIREBALL" (89 Min.)  
Richard Harrison, Dominique Boschero  
7 p.m.  
(Spy-Drama in Color) CIA agent (and this one's so secret he doesn't even have a number) is assigned to track down top secret microfilms held by escaped Russian scientists. Hair-raising thrills and voluptuous women abound. Rapid-fire story. (Adults and youth.)  
Shorts: "Tois of Fun" (7 Min.)  
"Instant Holland" (17 Min.)  
**TUESDAY-WEDNESDAY MARCH 29-30**  
"LOVE AND KISSES" (89 Min.)  
Rick Nelson, Jack Kelly, Jerry Van Dyke  
7 p.m.  
(Comedy-Music in Color) Pleasant domestic laughter about a high school senior who comes home from graduation quite elated—and with a bride! Rick's sister also plans to marry and household mayhem results when Dad gets blamed for it all! (Adults, youth and children.)  
Shorts: "Lonesome Ranger" (7 Min.)  
"Peewee Leaguers" (10 Min.)  
**THURSDAY-FRIDAY MARCH 31-April 1**  
"SPY IN YOUR EYE" (83 Min.)  
Brett Halsey, Peir Angelli, Dana Andrews  
7 p.m.  
(Spy-Drama in Color) Scientist conceals a secret formula on his daughter but the Russians find out about it and kidnap her. And the chase is on. See how the enemy agents use a TV transmitter in a glass eye! A WAY-OUT action-packed espionage tale. (Adults, youth and mature children.)  
Shorts: "Chaser on the Rocks" (Roadrunner) (7 Min.)  
"Carnival in Quebec" (17 Min.)

CROSSWORD PUZZLE  
Answer to Previous Puzzle  
ACROSS  
1-Drinking vessels  
5-Manner  
8-Female horse  
12-Ox of Celebes  
13-Unit  
14-Toward the sheltered side  
15-Distinctive tone  
17-Standard  
19-Vapid  
20-Musical instruments  
21-Beloved  
23-Girl's nickname  
24-Prefix: before  
26-Anon  
28-Afternoon party  
31-Faroe islands whirlwind  
32-Alcoholic beverage  
33-Hebrew month  
34-Wooden pin  
38-Exist  
39-Want  
41-Float in air  
43-Tally  
45-Kind of bean (pl.)  
48-Wanderers  
50-Fruit  
51-Native metal (pl.)  
52-Poem  
54-Paradise  
55-Foundation  
56-Article of furniture  
57-Euphemism  
DOWN  
1-Household pets  
2-Single item  
3-Perfumed ointment  
4-Kind of fur  
5-Sorrow  
6-Indefinite article  
7-Yearning  
8-N. Y.  
9-Nearby  
10-Actual  
11-Lampreys  
16-Actual  
18-Above  
22-Ranted  
23-Cares for  
24-Explosive noise  
25-Female ruff  
27-Metal  
29-Organ of hearing  
30-Man's nickname  
35-Dwarfs  
36-Unwanted plant  
37-Perform alone  
38-Fleet of ships  
40-Wipe out  
42-Pointed at target  
43-Superstitious person  
44-Girl's name  
46-Solar disk  
47-Melody  
49-Cry  
50-Man's nickname  
53-Prefix: down  
RATES ASCOT  
TALENT RHODES  
APSE RHEAS NA  
CLOPIEY RUG  
LE SILE LORE  
TRAPPED PILLES  
BEES DONE  
POLAR FORESTS  
OMER HELEN AH  
SER PEALS ABE  
EL RIATA MILE  
DETECT READER  
TESTS SATES  
Distr. by United Feature Syndicate, Inc. 26  
For Use In Authorized Service Newspapers Only.

From \_\_\_\_\_  
TO \_\_\_\_\_  
PLACE STAMP HERE

# Surplus Property Sale Slated Here Saturday

Everything from a brand new uncrated what's-it-to portable drinking fountains is included in the NOTS Retail Surplus Sale open to the general public this Saturday from 9 a.m. to 3 p.m.  
NOTS' Main Gate will be open for customers from 7 a.m. to 4 p.m. to allow access to Warehouse 14 where the sale will be held. Signs will direct customers to the sale site.  
Prices are substantially reduced below the bargains of last October's sale to clear out the store before the Supply Department's Disposal Branch moves it to a new location.  
Lampshades, foul weather jackets, coffee tables, desks, (Continued on Page 4)

# Post Offices Have Medicare Forms

Application blanks for supplemental Medicare benefits are available at all windows of the Ridgecrest Post Office and China Lake Branch Post Office, it was announced this week by Postmaster J. B. McKernan.  
President Johnson has proclaimed March as "National Medicare Enrolment Month." He urged all senior citizens to enroll in the program before March 31.

## Surplus Property Sale Slated Here Saturday

(Continued from Page 1)  
refrigerators and other useful items are marked with incredibly low prices.

For the do-it-yourselfer there are electronic tubes of all kinds as well as other components, lumber, automotive parts and an insulating board.

**Outboard Motor Parts**  
Big bargains in outboard motor parts are on sale at low, low prices. Propellers retailing for \$9 are marked \$3.30 for the sale. And there are top and bottom plates, hand starters, impellers and a couple of new Johnson motor covers.

A few stoves and washers are included in the household appliances to be sold out at the March 26th bargain fiesta.

**Furniture Bargains**  
Headboards, beds, mattresses, fold-away beds and couches suitable for fixing up for

mountain cabins or vacation homes, dinette sets and assorted tables are all part of the furniture for creative fixer-uppers to use their skill and imagination in refurbishing.

There are even some steel bomb crates that could be welded together to make fine TV or ham towers.

**Books, Books, Books**  
Scientific and reference books, a popular item in the last retail sale, will be included in Saturday's bargain hunt, too. Hardback volumes are priced at 50 cents, softbound ones are a thin dime.

All sale items are cash and carry. No refunds or exchanges can be made. Assistance in loading bulky or heavy items will be provided at the dock. To speed up shopping, two cash registers will be in service throughout the sale.



**WHAT IS IT?**—This three-piece something-or-other, which has never been uncrated, has "Chuck" Ross, retail store manager (left), and Gordon Peacock, disposal officer, puzzled. It's big, it's probably asbestos, and has a fluorescent light that goes somewhere. Here's a real bargain for an adventurous spirit at tomorrow's Surplus Property Sale.



**READY AND WAITING** for the bargain hunters to appear are these stoves, refrigerators and washers on display at Warehouse 14. These and many other items will be offered to the public tomorrow at the NOTS Retail Surplus Sale.

## Reception Honors Industrialists



**GETTING ACQUAINTED**—A portion of the 70 distinguished visitors from NSIA get acquainted with their hosts during reception at the Officers' Club. Left to right are Adm. Gill M. Richardson, USN (Ret.); Frederick A. Ford, Jr.; Adm. Walter H. Newton, USN

(Ret.); Mrs. Leon Grabowsky, host; Aldace W. Minard, Mrs. John I. Hardy, wife of the Station Commander; Capt. Leon Grabowsky, Station Executive Officer; Mrs. "J" "T" Bibby, host; and John B. Pierson, Jr. The group toured NOTS this week.

## VAdm. Smedberg Lauds Local Navy Relief Society Br.

VAdm. W. R. Smedberg, III, (ret.), has lavished high praise on the members of the China Lake Branch of the Navy Relief Society, as President of the national society, in a recent letter to Capt. John I. Hardy, ComNOTS, president of the local branch.

His letter lauded Rocketeer's February 25 coverage of Navy Relief's big move into its own quarters on Station, the first facilities it has had for its own since it was founded here 14 years ago. The "center spread" coverage included photographic descriptions of typical Navy Relief activities, as well as its move into the 1,092 square-foot remodeled building at 55 Lauritzen.

The article was written by Budd Gott and photography was by Jerry Willey, PHAN.

The well-known and inviolable rule that public relations can be no better than its subject matter translates RAdm. Smedberg's letter into enthusiastic recognition of the achievements of China Lake's Navy Relief personnel in a very busy 1965-66.

"I think it shows almost better than anything I have seen before," he said, "the volunteer ladies at work and the sort of help that they make possible to servicemen and their families."

## New Phone Numbers For Navy Exchange

The Navy Exchange Retail Store has been assigned new telephone numbers according to Lt. Earl F. Mouton, Navy Exchange Officer.

They are FR 5-5081, FR 5-5082, and 5-5083.

## NSIA Visits NOTS, Scans R & D Programs

The research and developmental efforts at NOTS and several of its weapons programs received the scrutiny of 70 members of the prestigious National Security Industrial Association Wednesday and Thursday, March 23-24 as RAdm. Robert W. Berry (Ret.), West

## SeaBee Machinist Goes Active Duty

(Continued from Page 1)

one is through, depending on how things look then."

Menard, a Chief Construction Mechanic, came to China Lake from Los Alamos, New Mexico, where he had worked in the A-bomb project that produced the weapons that ended World War II in the Pacific. He began his work with the government after technical high school in Meridan, Conn., at Newport, Rhode Island, in 1937. He also served four years in the Connecticut National Guard.

Frank and his wife Esther make their home at 511-A Nimitz, and Esther will remain there while he is on duty overseas. He reveals that, after his retirement, he plans to build a home in Ridgecrest, and stay in the Valley.

Frank Menard has served with Construction Battalion 11-2 here as its Chief Master-at-Arms, and was one of its five founding members in 1946. His unit has presented him with its own special parting token — a piece of board on which is engraved "A Plank for Frank!"

Active in the community as well as on the job and as a Seabee, Frank has worked as a member of the Elks in its Youth Leadership and Scholarship activities. He served as its Exalted Ruler from April to November last year.

Coast Director, led the group through the Michelson Lab conferences.

The Association is composed of prominent industry representatives who are first briefed in Washington, D.C., on the nation's security efforts, then informed first-hand of their progress in on-the-spot review of activities throughout the country.

After a rounded view of NOTS' R and D progress through film and oral presentation Thursday morning, the 70 representatives heard discussions of specific programs. Dr. M. M. Rogers, head of Code Division, presented the Free-Fall Program, and William B. Porter, Shrike Program Manager, discussed Shrike's progress that morning.

In the afternoon, AOD's David N. Livingston, head of Missile Development Branch B, presented the Walleye Program; Donald H. Wheeler, Special Assistant for Attack Systems, discussed the Snipe Program; and Charles L. Frederickson of AOD reviewed the Chaparral Program. The FAX, BOM-ROC and RAP Programs were presented by Earl G. Love, head of Code 45's Program Management and Integration Group.

The Association members also viewed weapons displays and discussed programs with project personnel during their visit.

## Traveling Salon Slated For Museum Saturday

Community residents will have an opportunity to view the traveling International Nature Salon at the Maturango Museum tomorrow at 7:30 p.m.

The China Lake Photo Society is sponsoring the exhibit which has been on display at the National Orange Show in San Bernardino.

## Foreign Students Tour West, Visit China Lake

The largest group of foreign students ever to visit NOTS under the Western tour program sponsored by the International Services Committee and the Rotary Club of Pasadena, toured Michelson Lab and the Maturango Museum-Weapon Display Center on Monday, March 21.

The 39 college students from all over the world were hosted by Capt. John I. Hardy, ComNOTS, and China Lake-Ridgecrest citizens at a social evening with buffet supper at the Officers Club following their China Lake tour. They left Tuesday morning for the balance of their four-day tour, to see Death Valley, Las Vegas

and Boulder City, Nevada. This 13th annual tour was led by Lester G. "Red" Garman, head of Code 30's Instrument Operations Division and member of the China Lake Rotary Club. The Club and Station joined as hosts for the event.

The students are undergraduate, graduate or language scholars at Caltech, Pasadena City College, Occidental College, Military School of Southern California and YMCA Tufts School.

The list of their homelands traces a path over most of the world: Bulgaria, Canada, Free China, Czechoslovakia, Germany, India, Mexico, Netherlands, Nigeria, Pakistan, Poland, Colombia, Guatemala, Italy, Japan, Costa Rica, Philippines and Thailand.

Conducting the foreign student program for the Pasadena Rotarians are Elwood and Marian Crane of that city. Rotary Clubs over the students route join their local organizations and activities in sponsoring the tour in their areas. They include clubs in China Lake, Kernville, Las Vegas, North Las Vegas, Las Vegas Southwest, Boulder City and Henderson.

## New Instruction On Fellowships Just Off Press

Just off the press this week is a new revision of the NOTS Instruction on off-Station Advanced Academic Study Fellowships and Awards. Bearing the number 12410.5E and dated March 15, 1966, it will be distributed to all of the Station's professional employees.

Significant changes from the previous instruction are in the definitions of financial support and of the responsibilities of the department sponsoring an applicant.

Although the financial support provided remains substantially the same as in the past, the way it is computed has been changed to eliminate bookkeeping chores and to make the allowances more equitable.

The present reimbursement for books has been eliminated and an upper limitation on the reimbursement for moving expenses has been imposed.

The new instruction applies to new fellowships and extensions of current fellowships, applications for which are due on April 1.

## Vet Benefits Booklet Now on Sale at 20¢

The 1966 edition of VA Fact Sheet IS-1, "Federal Benefits for Veterans and Dependents," is now on sale at the U. S. Government Printing Office in Washington, D.C. according to the VA.

This booklet lists major benefits available to U. S. veterans, explains eligibility requirements for veterans or their dependents and describes the nature of the benefits and where application should be made.

A single copy may be purchased from the printing office for 20 cents. Organizations or individuals desiring copies in quantity may obtain discount rates.



**AWARDS, HONORS FOR CODE 40**—Among employees of Weapons Development Dept. honored by department head F. H. Kne-meyer, Asst. Tech. Director for Development

(l), are 20-year pin recipients (l-r) Don Beresford (NOTS), Howard Kelly (NOTS, Fed.), John Vanderbeck (NOTS, Fed.), N. Cornett (NOTS), and George Oftedal (NOTS).

## Motorists Cautioned To Watch for Livestock

China Lake motorists using Highway 14, the Walker Pass Road, and other high desert thoroughways are urged to be doubly alert for cattle and sheep grazing on the open range lands along the highways this time of the year, warns the California Highway Patrol.

Watch those calves on the highways, they are not traffic wise like the cows and older steers, the CHP cautions. Sheep are not so much of a problem, they are usually closely herded by watchful dogs and sheepherders.

Desert ranges abound with green grasses this time of year. So the cattle and sheep are being moved through the high desert the next couple of months before they are trucked or driven to summer mountain pastures in Sequoia and Inyo National Forests.

Fall will see the cycle change once more when the herds move down to intermediate pastures and then go on to fattening and feeder lots in Bakersfield, Los Angeles, and San Bernardino.

Most of the cattle grazing the ranges along Highway 14 this time of year belong to ranchers in the South Fork Valley of the Kern where many families have held the same lands for more than a century.

California range laws go back to the 19th Century when the cattle man was virtually king of the West. Open rangelands administered by the United States Bureau of

## SecNav Lauds Air Reservists

The Secretary of the Navy, Paul H. Nitze, has designated 1966 as the celebration of the 50th anniversary of the U. S. Naval Air Reserve.

In 1916, the Naval Appropriation Act for the fiscal year of 1917 provided for the establishment of a Naval Flying Corps. It was composed of 150 officers and 350 enlisted men.

"Today, as of old," said Nitze, "more than 2,900 Selected Air Reserve weekend warriors stand ready and able to take leave of their families — and augment the deployed forces of the Navy if called upon."



**20-YEAR NOTS PINS**—John Cox, Engineering Dept. Head, who received his 20-year NOTS pin last December, presents 20-year NOTS pin to Engineering Dept. employees W. E. Kummings, the husband and wife team of Tony and Bea Pelligrini, and 20-year F.S. pin to Walter E. Osborn.



**FROM ALL OVER THE WORLD**, 39 students attending colleges and English language courses in the Los Angeles-Pasadena area arrive at their last stop on a tour of NOTS last Monday. Their visit here, sponsored by Command

and the Rotary Club, was followed by visits to Death Valley, Las Vegas, and Boulder City, Nev., as a get-acquainted activity aimed at life outside the big city. At extreme right wearing dark glasses is NOTS' L. G. Garman, who led tour.

# NOTS Pasadena

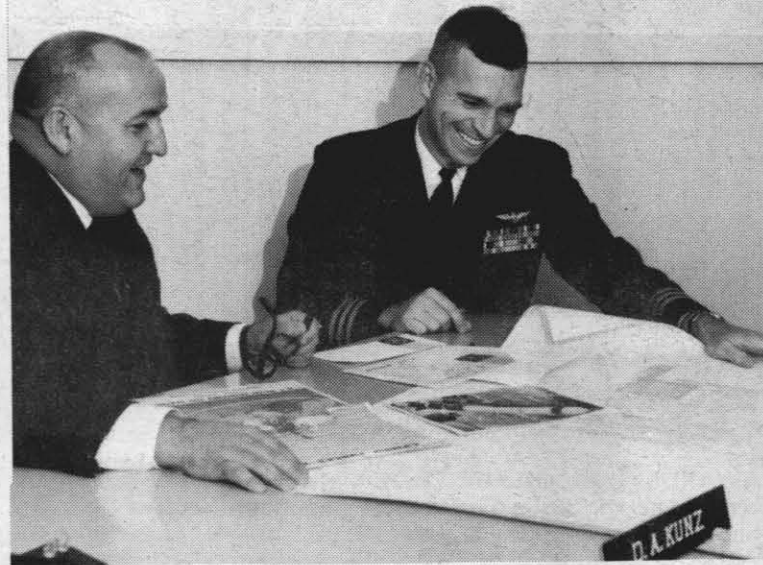
VIRGINIA E. LIBBY — EXT. 638



**FEDERAL EMPLOYEES** and contractor personnel who will play an important role in the Incentive Contracting picture of the future recently attended a Defense Advanced Incentive Contracting Workshop held at NOTS Pasadena. Attendees are (front, l-r) Robert C. DeMange, NOTS, Pasadena; Irene P. Skinner, NPOLA; Frieda R. Petranco, NOTS, Pasadena; Keith M. Thomson, NOTS Pasadena (and Workshop Coordinator); Elayne W. Colson, NOTS, Pasadena; Mary Morrison, Associated Aero Sciences Labs, Inc.; Muriel Bryant, NOTS, China Lake; and Mike A. Navarro, NOTS, Pasadena. (Back, l-r) William Eaves (instructor); John G. Bu-

sik and Gordon T. Stuart, both NOTS Pasadena; Virgil E. Hull, NPOLA; Willard R. Nary, NOTS Pasadena; Edward Gaynor, Hughes Aircraft Corp.; Frederick J. Miller, NOTS, China Lake; Eugene W. Cornish, NPOLA; Robert Godfrey, Hughes Aircraft Corp.; Kirk Dyer, NOTS, Pasadena; and Oscar Steinberg, NPOLA. Sponsored by the Office of the Chief of Naval Material, the course was instructed by William Eaves and Harold Saakvitne (not shown), designated by Harbridge House, Inc. Bill Hastings, NOTS Pasadena (not shown) also attended the course. Capt. G. H. Lowe presented the Certificates of Training.

## Open House On May 21



**CO-CHAIRMAN** for the 1966 Armed Forces Day Open House at NOTS Pasadena are D. A. Kunz, Head, Systems Operations Division, UOD; and Cdr. E. S. Wallace, Assistant Technical Officer. This third annual event will be held on Saturday, May 21st, from 10 a.m. to 4 p.m. Station employees are encouraged to take advantage of this once-a-year opportunity to invite relatives and friends to view the station weapon exhibits and tour the many laboratories open on that day. It is anticipated this year's event, offering many new exhibits, will exceed the outstanding success of the past two years. Remember the date!

## Pasadena School Teachers Visit NOTS On BIE Day

Representing NOTS on Pasadena's annual BIE (Business-Industry-Education) Day this year were J. H. Jennison as Technical Representative; Cdr. E. S. Wallace, as Military Representative, and Carney Kraemer, Dr. H. Wolfe, Bill White, and Wes Fisher acting as co-hosts to fifty junior and senior high school teachers.

NOTS representatives attended small group discussions and a general assembly in the morning at Muir High School, after which they hosted the teachers for lunch at the El Dorado Inn, Pasadena.

Captain G. H. Lowe and D. J. Wilcox welcomed the educators aboard the station for an afternoon program which included the showing of two station films and a tour of the laboratories.

BIE Day is under the sponsorship of the Pasadena Chamber of Commerce American Enterprise Committee and the

Pasadena Board of Education. Its purpose is to bring about a closer understanding between educators and the business and industrial world.

## Don't Miss It!

A TV reminder from the Navy Public Affairs Office, West Coast:

"Operation Sea War," in color, will be rerun on Sunday, April 3, at 5 p.m. on Channel 7. Narrated by Cmdr. Glenn Ford, it is a story about the Navy in Viet Nam, from Aircraft Carrier to Junk Patrol. If you missed the first showing March 10th, be sure to catch it this time.

The first Purple Heart awarded a Marine in Vietnam went to Lance Corporal James Mansfield, of Oxford, Neb., a helicopter crew chief.

## Pasadenans Mourn James H. Cherry

Friends and associates of James H. Cherry, Security Guard at NOTS Pasadena from January 1956 until his retirement in June 1964, were saddened to hear of his untimely death when an explosion destroyed his mobile home in Glendora on Saturday, March 12th.

Funeral services were held at Noakes Mortuary Chapel, Glendora. Interment is at Ft. Rosecrans National Cemetery.



**CAPT. G. H. LOWE** presents an additional award of \$100 to Eugene J. Thirkill and Roman Curtis of the Quality Engineering Division, for their patent on "Retrofit Lugs For Bombs," as Division Head, Robert M. Leard, (second from left) looks on.

## AstroNOTS Still Hold Lead

BY RAY HANSON

Action in the NOTS Wednesday night bowling league was desultory in the 25th week of play, but there were rumblings on the horizon. The AstroNOTS still led, with 65.5 wins and 34.5 losses, but the second-place Black Cats (63.5-36.5) were looking "consistent and consistent," as Alice might have said. The Sphinks, meanwhile, were another force to be reckoned with, and had a record of

61-39 to occupy third place. The once-mighty Quiet Five have fallen on hard times, and were in fourth place with 57 wins, 43 losses.

High scores for the 25th week were as follows: team series, Black Cats, 2981; team game, Sidewinders, 989; men's series, Mert Welch, 642; men's game, Ed Sterkel and Ray Hanson, 235 (tie); women's series, Irene White, 605; and women's game, Elayne Colson, 224.

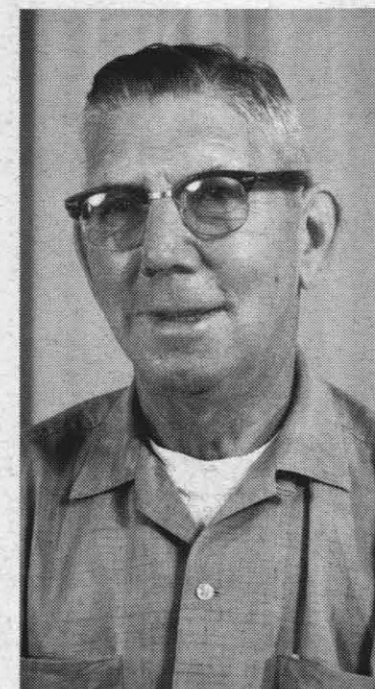


**FIFTY JUNIOR AND SENIOR** high school teachers of Pasadena were guests at NOTS Pasadena on BIE (Business-Industry-Education) Day, Friday, March 11th. The visitors,

hosted by J. H. Jennison, were welcomed aboard by Capt. G. H. Lowe, and D. J. Wilcox. After a briefing on the station's mission, they viewed films and toured the labs.

## MEET Your Councilman

This is the 13th in a series offered by the Rocketeer to better acquaint residents with China Lake Community Council precinct representatives.



JOSEPH E. SMITH

For the last eight of his over 15 years at NOTS' Public Works, Joseph E. Smith has served China Lake as a member of the Community Council.

Except for one year — 1962 — Joe served on various Council committees, and was treasurer for one year. He and his wife Laura came here from Bakersfield where during World War II, he was Chief of its Auxiliary Fire Department.

Joe, a native Hoosier, and Laura, born in California, make their home at 63-A Dewey. He has worked in refrigeration for 38 years, ever since his technical high school days, so is a highly appreciated man in Public Works' Building Trades Branch.

The Eagles claim much of Joe's community efforts. He is a past president of the Ridgecrest Aerie as well as the Bakersfield Aerie. He now serves as Chairman of the Eagles, Board of Trustees here, and Co-chairman of its Membership Committee.

### TIMES HAVE CHANGED

The first winter quarters for Coast Guard Cadets was in a sail loft at New Bedford, Mass.



**20-YEAR NOTS PIN FOR MENARD**—Frank Menard, who leaves for two years of active duty with the SeaBees, receives a 20-year NOTS pin from Capt. H. J. Hartman, Public Works Officer. At left is Dick Malone, "skipper" of the local SeaBee Unit of which Menard is a "plank owner."

# VX-5's March 'Bluejacket' Rides Crest of Progress

Keeping on top of advances in the ever-changing U.S. Navy is the story of chapter one in the life-in-uniform of VX-5's Henry Myers, Jr. AZ-3, "Bluejacket of the Month" for March.

Myers, from Columbia, Pennsylvania, enlisted in the Navy in December, 1963, and took his first specialty training in a rating created just a year later — that of Aviation Administrationman — at Memphis, Tennessee. He now works in the VX-5 Maintenance Control Office at Hangar 1, and is preparing to change to a new system for processing reports on aircraft and equipment, called the "3-M" system. Its method of man-hour accounting and use of graphs and charts will keep Myers busy in his chosen spot just ahead of the breaking wave.

"I've learned more here at NOTS, just through daily work, than I have since I enlisted," Henry Myers testifies. It takes an active man to achieve that, however, and Myers' energy shows up on the sports fields and courts of China Lake, as well. He plays basketball, football and softball on VX-5 teams in season, and claims to have been recently "talked into" volleyball.

Henry and his wife Kathleen became the parents of a baby boy just five months ago, 14 months after their arrival here in July, 1964, and named him after his mightily pleased father.

"He's the happiest baby I ever saw," Myers exclaims. "He even wakes up laughing!"

The Greater Bakersfield Chamber of Commerce will show the city's appreciation of Henry Myers' performance at NOTS by hosting him and his wife for a weekend on the town, starting when he picks up a new car for the occasion at Haberfelde Ford agency this afternoon.

Bakersfield's Hyatt Lodge will accommodate the couple, and they'll be presented with a hospitality packet containing gift certificates from participating merchants.

The event will be featured on Hal Lagoon's Channel 17 news program at 5:30 this afternoon, and on other stations in their news broadcasts.



**FAMILY TEAMWORK**—NOTS' Bluejacket of the Month Henry Myers, Jr., AZ-3, does his part as Special Senior Advisor for packing in helping his wife Kathleen ready the fam-

ily for their trip to a weekend "on the town" in Bakersfield. Myers, of VX-5's Maintenance Control Office, will be honored by the Greater Bakersfield Chamber of Commerce.

## Vacuum Scope Aims at Research

(Continued from Page 1)

surfaces. He and Bauer hope that with the 50 kilovolt electron beam of the new microscope this problem will be solved.

"We have a project ready to be studied right now on this microscope," Turner enthuses. "It involves the change in the work function of a tungsten surface with a layer of strontium oxide.

### Of Stainless Steel

The instrument is built mostly of 300 series (non-magnetic) stainless steel. Two of its three lenses are magnetic fields, and the third, the objective lens, is an electric field.

These fields have the same focusing effect on a beam of electrons as glass lenses do on rays of light.

The specimen to be studied acts as part of the objective lens at the top of the microscope, and the stream of electrons speeding back down from its surface after reflection at a third of the speed of light, toward a fluorescent screen near the bottom, encounter negligible interference from atmospheric atoms.

"The odds are that an electron would have to fly several hundred miles in such a vacuum to encounter a gas atom," Dr. Bauer says.

"Alignment of the lenses is very important in this microscope," Turner says. Turner countered the effect of the earth's magnetic field in the electron beam by mounting several magnets on a vertical rod outside the microscope.

### Oil Diffusion Pump

Vacuum in the instrument is obtained with an oil diffusion pump with a water-cooled baff-

le and molecular sieve trap to prevent seeping oil from contaminating the inside areas of the microscope.

Dr. Bauer explains that the low-energy ultra-high vacuum electron microscope is now being operated in only two of the four modes for which it is being designed.

In the mirror mode, a magnification of 1,000 times or more is possible, and in the photo-electric emission mode, the observed area of a specimen can also be enlarged as much as 1,000 times.

He adds that a thermionic mode, in which heat causes the specimen to emit electrons, may be added soon, with the possibility of magnification up to several thousand.

One further mode is planned for future incorporation, Dr. Bauer says. This low-energy electron diffraction mode may enable the production of images with a magnification of 10,000 times normal. "Some of the projects we will be working on with this microscope also interest NASA," he reveals. "Our interests often coincide with theirs, and the instrument has attracted their support in those areas."

### Major Advance

"This is the first major advance since 1939 — with the imaging capability we now have," says George Turner with enthusiasm.

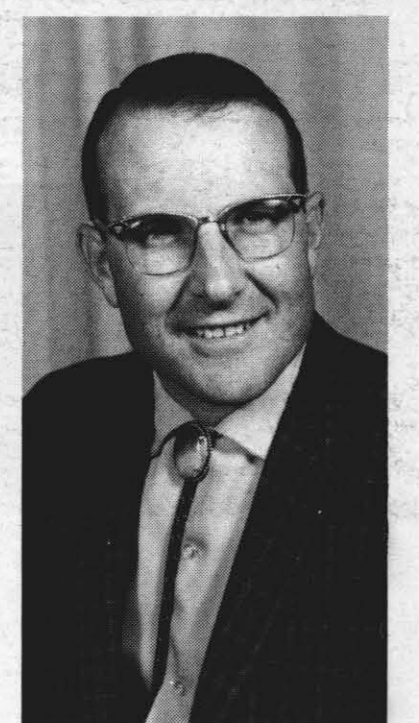
"The 7090 computer here in the Lab has showed that theoretical resolution will be better than that of current emission microscopes besides."

### To Present Paper

In a jointly produced technical paper by Dr. Bauer and Turner, which Turner plans to

present at an international conference this August hosted by the Electron Microscope Society of Japan in Tokyo, the authors state:

"It has been only recently, with the advent of ultra-high vacuum techniques and components, that this powerful research tool could be developed."



**HONORED FOR YOUTH WORK** — China Lake's "Church Man of the Year" for the NOTS All-Faith Chapel is Dick Fulmer of Code 45's Applied Research Br. Dick has worked with youth groups of the church since 1957, and now serves the Protestant Senior-High Youth Fellowship. He was cited for his work with youth groups by the General Commission on Chaplains.



"CHURCH YOUTHS OF THE YEAR"—Cheryl Cook and Roberta Odell beam as they read citation presented to them by the General Commission on Chaplains for their youth work in the Protestant Religious Program of the NOTS All-Faith Chapel. They serve as counselors for the Senior High Youth Fellowship. Both are 17 and BHS seniors.

PROMOTIONAL OPPORTUNITIES

Present Station employees are encouraged to apply for the positions listed below. Applications should be accompanied by an up-to-date Form 52. The fact that positions are advertised here does not preclude the use of other means to fill these vacancies.

Electronic Engineer (General), PD 455076, GS-12, Code 5923—Incumbent serves as supervisor of a group evaluating production Sidewinder Guidance-Control Groups. Primarily responsible for theoretical analysis of the design or redesign to insure that system criteria are met. Also conducts or supervises laboratory evaluation to verify his analysis.

File applications for above with Loretta Dudley, Rm. 34, Bldg. 34, Phone 71471.

Mechanical Engineer (Applied Mechanics), GS-9 or GS-11, Code 3072—Incumbent is responsible for the development and design of rocket sleds. Customarily the incumbent is charged with the overall responsibilities of the design, from initial feasibility studies through investigations concerning vehicle aerodynamics, vibration and stress analysis, including follow through on fabrication and post run investigations. Although applicants need not be specialized in any area, he should be interested in gaining a working knowledge of aerodynamics, redundant frame and shell stress analysis, and elementary knowledge of the dynamics of rigid and elastic bodies. The present position does not require a knowledge of aerothermodynamics but an interest in this area is desirable.

General Engineer, GS-9, GS-11, or GS-12, Code 3021—Incumbent is a Range Engineer in the Systems Development Department's G-2, K-2, K-3, CT-4, Victor or Randsburg Wash Ground Range test areas. He is responsible for the design, coordination and conduct of test programs in his assigned area. He develops and monitors operational procedures to insure the safe and efficient conduct of each test. Safety and security of all personnel and equipment on the test range areas is a prime responsibility of this task.

File applications for above with Joan Lines, Rm. 34, Bldg. 34, Phone 71514.

Clerk (DMT), PD 28747, AMI, GS-4, Code 3045—The position is that of Branch Secretary in the Timing/Telemetry Branch. Responsibilities are those of secretarial and clerical duties associated with the operation of the Branch; preparing, handling and channeling all types of correspondence and reports, personnel action, timekeeping, plant account records and miscellaneous office management.

File applications for above with Joan Lines, Rm. 34, Bldg. 34, Phone 71514. Secretary (DMT), PD 300017, GS-318-4, Code 1132—Incumbent will provide the usual secretarial services as well as explain housing policy, regulations, and eligibility lists to individuals. Two years general office experience is required including at least 6 months secretarial experience. Must possess ability to tactfully deal with the public.

Clerk-Typist, PD 18449, GS-322-4, Code 1760—Incumbent provides general office services, acts upon routine correspondence requesting project data, technical studies and reports, etc. Must be a qualified typist with two years of appropriate experience. This position may be filled at the GS-3 level, depending upon qualifications. File applications for above with Sherry Scheer, Rm. 26, Bldg. 34, Phone 71577.

Mechanical Engineering Technician, PD 545034, GS-802-9, Code 4563—Assists engineers in experimental studies to determine feasibility of weapons, designing hardware components, coordinating programs, conducting experiments, making experimental set-ups, assess results.

Qualifications: Applicants must have had experience in hardware fabrication and blueprint reading.

File applications for above with Evelyn Moors, Rm. 26, Bldg. 34, Phone 71648. Deadline for filing is April 1.

'Pop' Lofinck is on sick leave. He is recuperating after being hospitalized with the 'flu.' His 'Desert Philosopher' column will resume upon his return.



RESEARCHERS HONORED—Two decades of advanced services to the Federal government and to NOTS development are honored by Dr. H. W. Hunter, Head of Research Dept. and Asst. Tech. Director for Research, as he presents 20-year pins to (l-r) Eric Evered of Physics Div. (NOTS), Dr. F. Kirk Odencrantz of Earth and Planetary Sciences Div. (Fed.), and Dr. W. R. Haseltine, Senior Research Scientist. Dr. D. E. Zilmer, Head of Mathematics Div., could not be present to receive NOTS and Federal pins.



TOP STUDENTS AT NOTS—Some 25 students of Corcoran High School in Corcoran, Calif., visited the Station last week on a tour of the California Scholastic Federation, and are shown here studying the latest exhibits at Weapon Display Center. Superior school performance is requisite for membership in the Federation. The students also observed VX-5 weapons delivery techniques at "C" Range and visited the Engineering Dept. on their tour.

'50 Million Fund' Dinner Slated Friday Evening at East Wing

The Central Area Synod of California of The United Presbyterian Church will hold a dinner meeting Friday, March 25, at 6 p.m. in the East Wing of the All Faith Chapel for all area Presbyterians and other interested people.

Reception To Honor New Catholic Chaplain

A reception for the Station's new Catholic Chaplain, Paul L. Toland, will be held this Sunday afternoon from 1-3 p.m. in the East Wing of the All Faith Chapel. The public is invited.

GEBA Assessment No. 107 Now Due

Members of the Government Employees Benefit Association and the China Lake Mutual Aid Society are reminded that assessments No. 107 and No. 35 are now due.

Assessments have been levied due to the death of Marianne P. Empert, 53, a retired employee of Command Administration's Telephone Branch. She died in San Jose, Saturday, March 19, after a lengthy illness.

Payments of \$1.20 may be mailed to Joseph M. Becker, Secretary-Treasurer, 77-B Renshaw, China Lake.

Burros Girl Racquetters Sweep To Victory Over Victor Valley

The Burros Girls tennis team is showing great promise as they won another match last Friday afternoon against J. F. Kennedy High School of Barstow here on the NOTS courts.

Chris Fath, Jane Winward, Chris Yount, Linda Lunsea, Pat Shaffstall, and Susan Cragin were the Burros point winners as they took their singles matches to give Burros six wins out of seven singles matches.

The doubles had to be stopped with each of the teams having won a set, because of a transportation problem. The final score was BHS 6, JFKHS, 3.

Coach Gilkinson split the boys team, sending the boys on the lower portion of the ladder to Trona where they lost five to one. The lone BHS winner was Tom Perkins.

The upper half of the boys ladder traveled to J. F. Kennedy High School where they took three out of five matches with two being undecided as the sun set while they were still in progress. Burros was not given the victory because at least four matches must be won during the meet to come out on top. The boys took two single matches and a doubles match. Ben Carlos and Rick Patras won the singles. Bill Burke and Larry Rollingson took the doubles.

Girls Down Victor Valley The girls swept the courts as they swept to an 8 to 1 victory over the Rabbits of Victor Valley High School Tuesday. The girls took all of the single matches and three of the four double matches. Five of the girls played in both the singles and the doubles to show the endurance of Burroughs' girls tennis team.

They have won all their meets so far this season and show a good chance of finishing the season undefeated.

Forty years on the job? It still won't hurt to review job safety rules once in a while. In fact, it may keep you from getting hurt.

CAPT. ROBERT L. PETERSON, USMC, joins NAF as a project officer after a week's familiarization training in the A-4 at Lemore. Capt. Peterson, a Nebraska native, brings his wife Marilyn and children Chris, 5, and Lynne, 2 1/2, to 63-B Stroop. In Quantico, Virginia, he attended the Marines' Amphibious Warfare School. Previously, he was Squadron Maintenance Officer for the First Marine Airwing, on Far East duty out of San Francisco. Capt. Peterson attended Norfolk Jr. College in Nebraska with an education major before joining the Marine Corps in June, 1955.

BHS Trackmen Score At Palm Springs Meet

Eight Burroughs High track men who went to the Palm Springs Relays March 12 with coach Main ran in three events, taking a first and two seconds and breaking two meet records.

Burros' Jim Peck and Sam Gee showed their great running ability as they became the deciding factors in the BHS victory over Antelope Valley in the sprint medley.

Dennis Alexander was Burros first sprinter. He ran the 110 yard leg of the race, passing the baton to Jim Peck, who scampered past Avery of Antelope Valley, one of his many rivals. Peck passed the baton to Ralph Colclasure who, circled the track in his 440 yard portion of the race, handing off the stick to Sam Gee.

When Gee got the baton he was ten yards in the hole but the BHS speedster pounded it out, making up the ten yards with two tenths of a second to spare. It brought victory to Burroughs, since he set a new meet record of 3 min. 35.7 sec. The old record of 3 min. 46.8 sec. was set by Victor Valley High School in 1964. Antelope Valley was second.

Burros hurdlers set new meet records in the four man shuttle hurdles, though they came in second. Len Huckeba ran the first 120 yards over eight hurdles, handing off the baton to Bill Rice who returned over the same course in the opposite direction passing the baton to Mark Metcalf.

Mark ran the third leg of the relay giving the stick to Jim Kirkpatrick, who finished the event. Indio High School took first place, setting a new record of 56.7 sec. and smashed the one min. 2.1 sec. season record set by Barstow High School last year.

BHS, only seven-tenths of a second behind, tied with Palm Springs High School for second place, also breaking the old meet record.

BOWLING NEWS

By Dick Stine Phone FR 5-5411

This is my last column as I am resigning from the Association under doctor's orders. A new publicity director is to be named this week.

City Tournament

Winners in the team events of the City Tournament held last weekend at the China Lake Bowl were the Holy Terrors with a winning score of 3208. Hot bowler for the weekend fray was Jerry Thalken, who missed a 700 series by just four pins, his score was 244-225-227. The all-events leader was Hal Matheny who won with 1973 pins.

Premier League

The team members of the Desert Playhouse rolled a 980 game while the members of Laura Scudders recorded games of 967-959-971 for a fine series of 2897. Tom Short was the hot shooter for the night as he rolled a 256 game which included 212 and 190 games. Other 600 series were shot by George Bowles 618 and Jim Peck, a 602.

24 Club League

The Just Missed, led by Irish Miner's 207 game, recorded a 668 game and a 1811 series. Pat Maxwell rolled a 500 series as Cornelius Shoe Store leads the Jelly Rolls by two games. Marie L'Hommedieu picked up the 4-10 split.

Midway League

The team members of the Chillers bowled a 934 game and a 2747 series as Benny White-side rolled the highest league series for the year of 644 which included a 247 game. The Chillers are just one-half game behind the league leaders — NOLOS — with the Playboys in third place just one game behind.

Mixed Foursome League

The Metal Trades rolled a 68' game while the Kegelspielers bowled a 1934 series. Tommy Zurn rolled games of 224-234-194 for his 652 series and Chuck Cutsinger rolled games of 203-235-195 for his 633 series. Ernest Blevis with a 135 average bowled three beautiful games of 188-170-178 for a fine 536 series, while Patty Maxwell recorded a 210 game for a fine 534 series.

Free Golf Lessons Offered Beginners

Free golf lessons are being offered for boys and girls who are beginning golfers between the ages 11 to 16 and who are children of Station employees announces Paul Someson, China Lake Golf Club Pro and PGA Professional.

The golf clinic will be offered during the school Easter vacation on Tuesday, April 5, and Thursday, April 7, from 9:30 a.m. to 10:30 a.m. at the Station golf course.

Clubs will be furnished to those not having them. If you have clubs please bring them. The only cost to those participating will be the cost of practice balls.

Classes will be limited. Those interested must make reservations by calling Paul Someson at extension 72990 no later than April 1.



—Photo by Ben Bee. SWINGING—Jim Keosky, Burros third baseman, takes a mighty swing at the ball during the Trona-Burros game.

Burros Beat Trona, 6-2, Lose to Kennedy, 6-8

BY MIKE TAYLOR The Burros split their weekend games losing the Friday afternoon game to J. F. Kennedy High School of Barstow 6-8 and winning the Saturday evening game against Trona 6-2.

The Burros nine were unable to score until the fourth inning in the Kennedy game, which was played in Barstow, and then they only got one run when Albert Hyles scored on an error after hitting a three bagger.

In the fifth inning they were retired in order but came back in the sixth as Jim Goforth scored after he hit a single and stole two bases.

During the seventh and final inning all nine of the Burros sluggers got to bat, scoring four runs on four hits. David Bittel was first man up and was walked by the Kennedy pitcher; Mike Machowsky followed him with a single as did Jim Keosky. Herbie Pinto, the next Burros batter, doubled to clear the bases. He was followed by Jim Goforth who also got a two bagger to bring in Pinto for the fourth and final run for BHS.

Kennedy scored their runs in the following order: two in the first, two in the second, three in the third and one in the fifth to defeat the Burros 8-6.

Palm Springs Meet Draws China Lake Golfing Delegation

A lively delegation from China Lake Golf Club attended the Hi-Lo Desert Golf Course Superintendents' Association meeting and equipment show at Palm Springs, March 14 and 15.

Combined with business meetings, exhibits of the latest in golf equipment and a myriad of interesting displays for golfers' accessories at the Palm Desert Country Club and the La Quinta Country Club was an informal tournament.

In the China Lake delegation were Course Superintendent Jerry Wolfeland and his wife, the Somesons, the Greenfields, the Russells and the Walshes.

Other China Lakers enjoying the show and competition were: the Sorbos, the Hartabaughs, Harold Turner and Earl Roby. In the guest flight, Roby tied for low net score to uphold the golfing prowess of the NOTS delegation.

Club President Knobby Walsh announced this week that the complete schedule of spring and summer events will soon be ready for publication. He urged full participation of golf club members in competitive activities slated for the upcoming season.

ANSWERS 1. In 1923, The American League All-Stars took the game 3. Defensive Tackle Roger Brown of the Detroit Lions in 1962.

The Rocketeer

Official Weekly Publication of the U. S. Naval Ordnance Test Station China Lake, California

Capt. John I. Hardy, USN Station Commander

"J." Bibby Public Information Officer

Fredrick L. Richards Editor

Staff Writers Bud Gatt John R. McCabe Joan Raber

Staff Photographers Jerry Williams, PH1; Robert Hancock, PH2; Dennis Smith, PH3; Jerry Willey, PHAN; and Ralph Robey, PH2 (Pasadena).

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

The Rocketeer receives Armed Forces Press Service material. All are official U.S. Navy photos unless otherwise identified. Printed weekly with appropriated funds in compliance with NavExas P-35, revised July 1958. Office at 50 King St., Bldg. 00929. Phones - 71354, 71655, 72082.



DIVINE SERVICES

Christian Science (Chapel Annex)—Morning Service—11 a.m. Sunday School—9:30 a.m.

Protestant—(All Faith Chapel)—Morning Worship—8:30 and 11 a.m. Sunday School—9:30 a.m., Chapel Annexes 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.

Lenten Masses—11:30 a.m. and 4:45 p.m. Tuesday through Friday; 8:30 a.m. Saturday.

Confessions—6 to 8:30 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 No. 95, 85 King Ave.)

Fellowship Meeting—Sundays, 7:30 p.m. Sunday School—10:45-11:45 a.m. (Chapel Annexes Nos. 1 and 2.)