

## Jose Greco and Company In Concert Here Tuesday

The color and flashing rhythms of Spain will stir the Station Theater crowd Tuesday evening when Jose Greco brings his world-famed company of 25 dancers and musicians to present the fourth concert for the NOTS Civic Concert Association.

The program will include several new works, notably the "Barcelona Suite," a ballet in four scenes showing the strident life of the waterfront and the acclaim for a popular bullfighter.

Another spectacular number will be "Los Salas," featuring Carmen and Justo Quintero, who were discovered by Sr. Greco in a small Spanish village last year. "Cordoba," a solo by prima ballerina Lola De Ronda will be another highlight of the program.

His "Trademark Dance" Several popular favorites including "Cortijo" (The Horsemen) which has become Sr. Greco's "trademark dance" and the colorful "Rincon Flamenco" will conclude the program.

"Freshness each year is what we strive for," he says. "New faces, new dances from all regions of Spain, and entirely new staging and costumes are presented each year."

All tickets for the performance have been sold to concert series season-ticket holders. "There were nearly 40 tickets available at the last minute for the Rise Stevens concert due to illness and absence of the season ticket holders," said Carroll Evans, treasurer for the Civic Concert Association. "If dance fans would like to call or come to the box office during the hour before the concert, we might have some tickets available due to the generosity of our members," he said.

## Fire Chief Davis Issues Reminder: Litter is Lethal

Because of existing conditions of litter and dry vegetation here, Fire Chief J. A. Davis thought the following article — published in this month's News Letter of the International Association of Fire Chiefs — would be appropriate at this time:

**LITTER IS LETHAL**  
"Litter — that careless fallout of an affluent society — looks loathsome. But even worse, it can be lethal.

Take an accumulation of papers and other litter — indoors or out — add just one spark, and you have a truly deadly combination. Every 12 minutes, five times an hour, 120 times a day — an American home is damaged or destroyed by a fire starting in rubbish or litter.

Woodlands and forests, too, can be destroyed by litter-fed blazes. Combustible litter discarded in wooded areas by picnickers or motorists, together with the dry foliage of autumn, creates a special danger."

## Modern Math Film At Murray Tonight

Another in a series of films explaining Modern Mathematics in Elementary Schools will be screened this evening at Murray School Auditorium, beginning at 7 p.m.

These movies are designed particularly to be viewed by parents of children in the elementary grades.

Following the film, a question and answer period will be led by Grant C. Pinney, assistant superintendent of the China Lake Elementary School District.



JOSE GRECO  
... heads dance troupe

## Tech. Presentations Course Starts Thursday

A 16-week course on Technical Presentations, S&E 20, for project managers, scientists, engineers, administrators and junior professionals begins next Thursday, Feb. 20, at Stran Steel No. 1.

The classes will meet at 8 a.m. each Thursday for two hours. Instructors are A. B. Christman and E. E. Kirkbride of the Presentations Division, and D. T. McAllister, consultant to TID.

The course will pinpoint on speech objectives, organizing material, obtaining effective visuals and preparing for final delivery of the presentation.



**MATURANGO MUSEUM** Director K. H. Robinson and Board of Trustees President Alice Hirsch happily view the first commercial membership (\$100) and first family life membership to the museum which were received this week. The commercial membership was presented to the Indian Wells Valley Rotary Club. The "all life" family membership went to a family which asked not to be identified.

## January Housing Assignments

Type	Priority Level Reached	Hiral Date Of Employee Assigned
JOQ (2)	CA	1/13/64
Panamint (4)	CA	1/25/64
Hill Duplex (3)	CB	1/31/55
Normac Duplex (3)	NONE	
Old Duplex (3)	NONE	
Old Duplex (LBP)	CH	10/1/62
Old Duplex (2)	SH	12/1/63
Wherry (4)	NONE	
Wherry (3)	MH	2/5/63
Wherry (2)	CI	12/16/63
Normac (3)	CI	6/7/60
Normac (2)	CI	10/4/56
Normac (1)	CJ	1/21/64
Hawthorne (3)	NONE	
Hawthorne (2)	CJ	2/6/62
Hawthorne (1)	CK	8/23/63
Letourneau (2)	MI	12/5/63
Apartment (3)	NONE	
Apartment (2)	MI	10/31/63
Apartment (1)	CD	9/4/62
Apartment (0)	CH	4/6/49
Motel (1)	CD	9/4/62
Motel (0)	SG	8/23/63

## SHOWBOAT

FRIDAY FEB. 14  
"THE COMANCHEROS" (107 Min.)  
John Wayne, Stuart Whitman, Lee Marvin

(Western in Color) Ranger captain poses as a gun runner dealing with an outlaw gang in cohorts with the Comanches. Hard-riding, fast-shooting John really keeps the pace moving. (Adults and Young People).

SATURDAY FEB. 15

MATINEE  
"FIRST MAN INTO SPACE" (77 Min.)  
Marshall Thompson

SHORT: "Senior Dragoon" (7 Min.)  
"Capt. Video No. 3" (16 Min.)

EVENING  
"BLUE HAWAII" (101 Min.)  
Elvis Presley, Joan Blackman

(Musical in Color) Ex-G.I. turns down a job on the family's pineapple plantation for tourist agency as guide to four lovely sightseers. Exotic dances and exciting music waltz the swaying palms. (Adults and Young People).

SHORT: "Monroe" (7 Min.)

SUNDAY-MONDAY FEB. 16-17

"THE V.I.P.'s" (119 Min.)  
Elizabeth Taylor, Richard Burton

(Drama in Color) A fog-delayed New York flight brings crises in the lives of a group of social elites waiting at the airport. A story of stories. Funny Margaret Rutherford almost steals it all. (Adults and Mature Youth).

TUESDAY FEB. 18

NOTS CIVIC CONCERT ASSN.  
Presents  
JOSE GRECO AND COMPANY  
8:15 p.m.

WEDNESDAY FEB. 19

"THE COUNTERFEIT TRAITOR" (140 Min.)  
Wm. Holden, Lilli Palmer, Hugh Griffith

(Spy Drama in Color) Even more exciting than the book, this tells of an allied agent, an oil broker, who becomes estranged from friends and family to procure vital German information. Exciting. (Adults and Mature Youth).

THURSDAY FEB. 20-21

"THE BIG LAD" (93 Min.)  
Alan Ladd, Virginia Mayo

(Western) Texas ranchers fight to bring a railroad spur closer to home to avoid cheap Missouri cattle prices. Opposition forces attack their battle for progress. (Adults and Mature Children).

SHORT: "Navy Screen Highlights 'N'" (17 Min.)

## Distinguished Churchman To Speak Here Sat., Sun.

The Reverend Dean S. Collins, Executive Secretary of the Western and Pacific Region of the American Bible Society, is scheduled to present a special program related to his work Saturday evening for the Protestant Congregation of the All Faith Chapel.

A potluck dinner beginning at 5:30 p.m. in the East Wing will precede Rev. Collins' talk and color slide presentation of his visits to foreign countries.

On Sunday, Rev. Collins will speak at the 11 a.m. All Faith Chapel Protestant worship services following a visit to the Church School.

At 3:30 p.m. he will speak to the young people at a combined Youth Fellowship meeting in the East Wing of the All Faith Chapel.



REV. DEAN S. COLLINS

## NOTS Astronomer Is Guest Speaker

William C. White spoke to the Monterey Chapter of Sigma Xi at the U. S. Naval Post Graduate School.

He discussed the general aspects of balloon astronomy and gave an account of the STAR-GAZER Flight of Dec. 13 1962. Balloon astronomy and its possible future in regard to the present state of the art was also discussed.

White is an affiliate member of the Scientific Staff of Dearborn Observatory at Northwestern University as well as being a NOTS' scientist.

## Photo Society Offers Shows

The China Lake Photo Society will present a travelling stereoscope program by Carroll Evans, Ted Bergman and Bill Tom next Wednesday at 8 p.m. in the photo hut, 361 McIntyre.

A special presentation is to be held tonight at the Community Center at 8 p.m., under sponsorship of the local Photo Society.

The movie will be narrated by Ken Sleight, who will relate his experience as a guide in the nearly inaccessible Glen Canyon area of southern Utah.

## CROSSWORD PUZZLE

Answer to Previous Puzzle

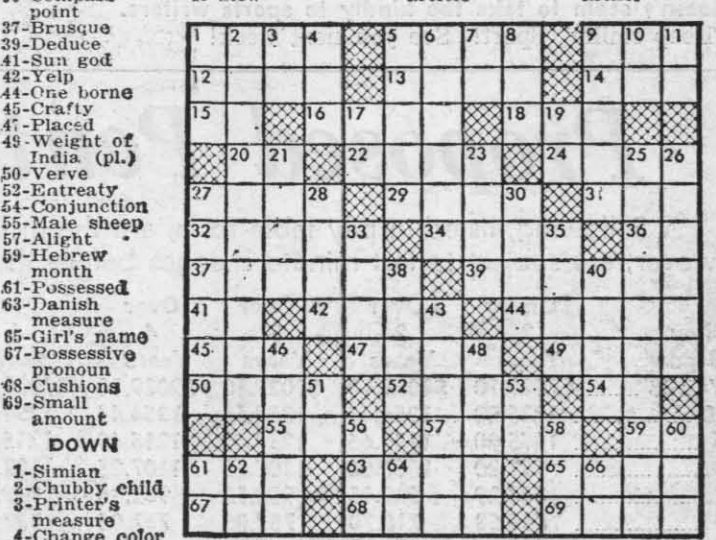
ACROSS

1-In bed  
5-Former  
9-Russian ruler  
12-Feet  
13-King of the Huns  
14-Pedal digit  
15-Latin conjunction  
16-Ireland  
18-Conjunction  
20-Symbol for tantalum  
22-Heavenly body  
24-Moccasins  
27-Possessive pronoun  
29-Plumlike fruit  
31-Decay  
32-Muse of poetry  
34-Rescue point  
36-Compass  
37-Brusque  
39-Deduce  
41-Sun god  
42-Yelp  
44-One borne  
45-Crafty  
47-Placed  
48-Weight of India (pl.)  
50-Verve  
52-Entreaty  
54-Conjunction  
55-Male sheep  
57-Aleut  
59-Hebrew month  
61-Possessed  
63-Danish measure  
65-Girl's name  
67-Possessive pronoun  
68-Cushions  
69-Small amount

DOWN

1-Sliman  
2-Chubby child  
3-Printer's measure  
4-Change color of  
6-Fruit cakes

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From \_\_\_\_\_

TO \_\_\_\_\_

PLACE STAMP HERE

Proposed Pentagon  
Pay Raise Tables  
(Officers and EM)  
See Page 7

## Pay Check Deposit Sign-Up Time To Last For 2 Weeks

Automatic Pay Check deposit "sign-up time" is here again. "Open season" for sign ups will extend from Feb. 14 through Feb. 28.

You now have the opportunity to have your pay check deposited with either the Community National Bank of Ridgecrest or with the Bank of America. This deposit service will be effective with the March 6 pay day.

Procedures for starting automatic deposits are: (1) Establish an account with either the Bank of America or Community National Bank; (2) Complete form No. 11ND NOTS 72001(1-62) "Pay check Authorization/Cancellation (3), Execute a "Power of Attorney" TUS form 6569 in triplicate for the Bank of America, in duplicate for the Community National Bank.

Both forms are available in the Disbursing Office. The power of attorney form is also available at the Community National Bank. Disbursing Office will render assistance in the preparation of these forms. Starts and stops are accepted during "open seasons" only.

## Capehart B Electric Power To Be Off Sunday, 7:30 to Noon

Residents in the Site B Capehart homes are urged not to be alarmed this Sunday when their electric power will be off from approximately 7:30 a.m. until noon.

The entire area will be affected due to repair work being done on the incoming 34.5 volt service on the Randsburg Wash line, under a Bureau of Yards and Docks contract, the Housing Office announced.

## Insurance Reps Here

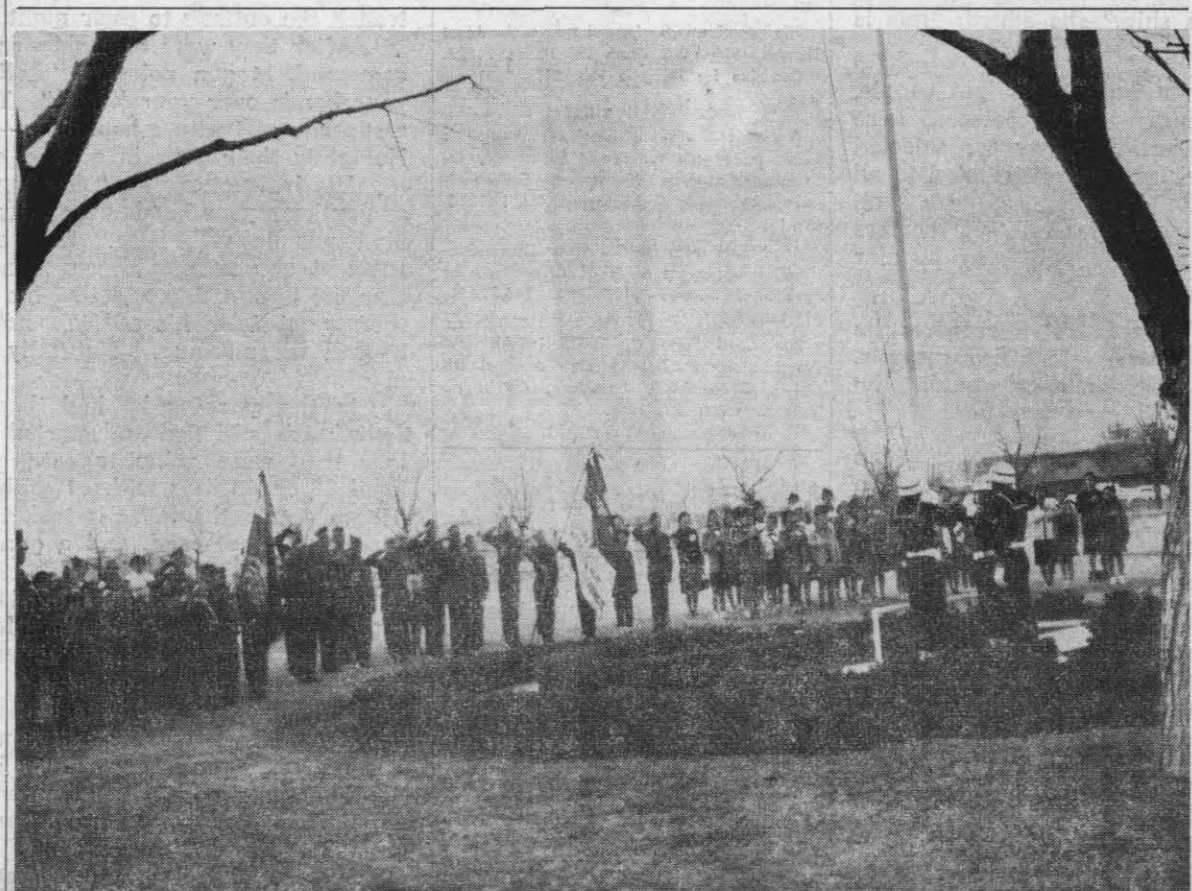
Howard Keenan, representative of Aetna Insurance Co., Oakland, will be at the Community Center on Tuesday and Wednesday, Feb. 18 and 19, from 9 a.m. to 4:30 p.m.

John Shelley, Blue Cross representative from Bakersfield, will be at NOTS on Wednesday, Feb. 19. He may be contacted at the Community Center, Room A, from 9 a.m. to 1 p.m. and from 2 p.m. to 4 p.m.

FROM UNDER THE SEA TO THE STARS

Vol. XIX, No. 6 Naval Ordnance Test Station, China Lake, California Fri., Feb. 14, 1964

# 'Engineers Week' Meet To Be Hosted by NOTS



## Convene Here for Tours, Banquet

Next Wednesday China Lake will join communities throughout the United States in observance of "National Engineers' Week when 150 to 200 engineers convene here for a day of activity climaxed by a banquet Wednesday evening in the Executive Dining Room.

Slated to attend the event are members from engineering societies at Trona, Bishop, Lancaster, Edwards Air Force Base, Bakersfield, Monolith, as well as from the six engineering societies on the Station.

### Speakers

Principal speakers at the banquet, which starts at 7:30 p.m., will be Robert Kripp, vice president of the California Society of Professional Engineers, and Dr. Pierre St. Amand, Head of the Station's Earth, Planetary Sciences Division.

Station Commander Capt. Charles Blenman Jr. will deliver the welcoming address for the engineers.

Assoc. Technical Director H. G. Wilson, an engineering graduate of the University of Arkansas and a registered professional engineer, will serve as honorary chairman and master of ceremonies for the event.

### To Outline Role

Briefings and movies of NOTS' work as a research development, and test center, and tours are slated for the visiting engineers. (Continued on Page 3)

## State Income Tax Man Here March 3

Russell Weaver, a representative of the Bakersfield office of the State Franchise Tax Board, will visit the Station on Tuesday, March 3, to assist taxpayers in preparing their 1963 State Income Tax returns.

He will be at the Community Center between 9 a.m. and 4 p.m. on that date.

## Navy Films on TV

Two Navy-oriented featured films for broadcast in color have been scheduled by KNBC-TV, Channel 4.

The "Portrait of Antarctica" will be shown tomorrow at 1 p.m., and "The Vigilante Story" is scheduled for the same time next Saturday, Feb. 22.

## Navy Exchange Holiday Hours

All Navy Exchange facilities will maintain regular hours of operation on Friday, Feb. 21, except the following which will be closed: Child Care Center, Main Laundry Plant, NAF Barbershop and NAF Snack Bar.

**Saturday, Feb. 22**  
Closed: Retail Store, Barber Shop, Beauty Shop, Cobbler Shop, and Laundry Pick Up. All other Exchange facilities will maintain regular hours of operation.

**Commissary Store**  
Closed February 21.  
The Commissary Store will be closed all day, Friday, February 21.



**WEAPONS PROJECTS TEAM**, sponsored by Advanced Research Projects Agency, here for two-day meet are (seated (l-r) Dick Gray, Code 12; Col. R. L. Clary, USAF, ARPA; Maj. Gen. R. H. Wienecke, USA, ARPA; Capt. G. L. Raring, USN (Ret.), RAC; Lillian Regelson, Code 12. Standing (l-r) are

Frank Baron, Battelle; Donald Easter, WSEG; John Sessler, CNA; Marvin Schaeffer, John Green, and John Ellis, all of RAND; Irwin Schiff and Cdr. Frank Kovanic of ONR; Dr. Robert Morris, team executive secretary.

## Weapons Project Team Is Briefed On NOTS Work

A 15-member Weapons Project Team, sponsored by the Advanced Research Projects Agency and comprised of scientists from industry and government, met here Monday and Tuesday to confer with technical personnel on Station programs relative to the Team's work.

During the two-day meet papers orientated toward analytical methodology in the field of counter insurgency research and development were presented. Briefings were presented by Lt. Col. D. L. Ritter, NOTS Marine Liaison Officer; E. G. Swann, and Lillian Regelson of the Weapons Planning Group; Steve Little, Aviation Ordnance Department; and Norman L. Rump and J. F. Osier of the Propulsion Development Department.

In addition to the briefings, the team witnessed several weapons demonstrations during their visit.

Team members making presentations were Capt. G. L. Raring, USN (Ret.), of the Research Analysis Corporation and John Green of the Rand Corporation.



## CHAPLAIN'S MESSAGE

What's On at  
The Movies?

By CHAPLAIN ROBERT FENNING



Friday and Saturday before last, many thought there were special services in the Chapel. No, there weren't evening services. The chapel parking spaces were merely being used to accommodate the overflow crowds at the theater across the street.

Several calls were received protesting the type of movies being shown. One lady pointed out that many family neighborhood movie houses would not show the type of films being shown here recently. "You are not showing these films to a group of men below decks in a ship," she added; "this is a family community."

Discussing this matter with our Special Services people, we verified the fact that these films are not selected here at China Lake, or in the Naval District. They are selected for us by an exchange in New York and are distributed to all activities throughout the Naval Establishment, at sea and ashore. Moreover we find that selection for military theaters is guided by what is being shown to the nation by popular public demand.

Let's face it: the moving picture industry prepares its epics with one eye cocked on potential box office receipts. In short, somebody wants these films or they wouldn't be shown here or anywhere else.

It appears that the only effective censorship is that which is imposed within the family circle. It simply becomes a matter of parental responsibility. Is it reasonable to expect the theater to provide the kind of fare that makes it always a suitable and safe substitute for a drop-off nursery? There are adult films which, as an art form, tell some unpleasant yet powerful truths about man and his world. These are not all bad. Just as all pictures cannot depict Bambi and his antics in God's good, green forest, neither is this world in which we live one colossal Disneyland.

IWW Jr. Ski Club  
Meet Re-Scheduled

The next general meeting of the Indian Wells Valley Junior Ski Club will be held on Monday, Feb. 24, instead of on Monday, Feb. 17, as originally planned.

The group will meet at 7:15 p.m. in Room L-31 of the Burroughs High School.

Color movies of the Junior Skiers in action at Mammoth and the Greenhorns will be shown. In addition, a ski instruction film will be shown for the group.

Annual GEBA Meet  
Scheduled for Monday

The annual meeting of the Government Employees Benefit Assoc. and the China Lake Mutual Aid Society has been re-scheduled for Monday, Feb. 17, at 7:30 p.m. in the Community Center. All members are urged to attend.

Long Weekends  
Due for NOTS  
Employees in '64

NOTS employees will receive a record number of three-day holiday weekends during 1964. The first will be next weekend, from Friday, 21, through Sunday over Washington's Birthday.

Several years ago Congress enacted a law giving Federal employees the preceding Friday off whenever a legal holiday falls on Saturday.

During 1964 three legal holidays fall on Saturdays. The second three-day weekend will be Friday through Sunday over Memorial Day, and the third, Friday through Sunday over the Fourth of July.

Other three-day "holidays" for NOTS employees will be Saturday through Monday over Labor Day, Christmas Day, Friday through Sunday, and Friday through Sunday over New Year's.

Veteran's Day, Nov. 11, will be a one-day holiday, as well as Thanksgiving Day, Nov. 26.

PROMOTIONAL  
OPPORTUNITIES

Present Station employees are encouraged to apply for the positions listed below. Applications should be accompanied by an up-to-date Form 58. The fact that positions are advertised here does not preclude the use of other means to fill these vacancies.

Clerk-Dictating Machine Transcriber, GS-316-4, PD 340133, Code 4036 — Incumbent provides secretarial services to the Head of the Tactical Air Weapons Branch, Head of the Biological Chemical Weapons Branch and members of the two branches.

File applications for above with Pat Dettling, Bldg. 34, Room 28, Phone 72676.

Clerk-Steno or Clerk-DMT, GS-4, Code 655 — This position is a clerical assistant and secretary to the Head of the Wage and Classification Division, Personnel Department. Maintains wage and classification files; China Lake Schedule of Wages file, requests for new ratings, secretarial duties, etc.

File applications for above with Janet Thomas, Bldg. 34, Room 26, Phone 71577. Deadline for filing is Feb. 21.

COMPETITIVE EXAM  
A competitive promotional examination is being announced for Senior Supervisory Inspector (Ordnance Mechanical Equipment-Development) (A), Announcement No. P-NOTS-1V4-164.

Applicants must be Career or Career-Conditional employees of NOTS China Lake or Pasadena. Salary: \$10,275.20, \$10,712.20, \$11,148.80.

File Card Form NAVEXOS-4155-AB and Standard Form 57 with the Personnel Division, Code P-459, Pasadena, Calif., no later than Feb. 27, 1964.

Ukiah Council of  
Navy League Here

Twenty members of the Ukiah Council of the Navy League were guests of the Station this week.

On Wednesday evening they were honored at a reception at the Commissioned Officers Mess (Open), and yesterday were taken on a tour of NOTS ranges, Michelson Laboratory, Maturango Museum, and were briefed by department representatives on various Station projects.



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

Protestants (All Faith Chapel)  
Morning Worship—8:30 and 11 a.m.  
Sunday School—9:30 a.m., Groves and Richmond elementary schools.

Roman Catholic (All Faith Chapel)  
Holy Mass—7, 9:30 a.m., and 5:30 p.m. Sunday.

6 a.m. Monday through Friday, 8:30 a.m. Saturday.

Confessions—8 to 9:25 a.m., 6 to 8:30 p.m. Saturday. Thursday before First Friday—4 to 5:30 p.m.

NOTS Hebrew Services (East Wing All-Faith Chapel)

(Feb.) First and Fourth Friday, 8:15 p.m. (March) Second and fourth Friday, 8:15 p.m. Sabbath School every Saturday morning.

Unitarian Fellowship (Parish Hall)  
Fellowship Meeting—Sundays, 7:30 p.m. Sunday School—9:30 a.m.

## 'DESERT PHILOSOPHER'

More About  
Ed Teagle

By "POP" LOFINCK



One story about Ed that I didn't have room for in last week's column—about the time he was a cow marshal back in Oklahoma Territory — explains why Ed has been so publicity shy up until a few years ago. He would not permit a magazine article to appear about himself.

## AND HERE'S THE REASON WHY!

Here is the story. One day three half-breed Indian outlaws "dry-gulched" or ambushed a cow marshal friend of his. Filled him full of bullets and killed him.

Ed saw the action from a mile away — stayed hid until evening — covered his buddy with his bedroll canvas — and trailed the outlaws to their night camp.

After they were asleep he sneaked up on them with the command, at gun point — "Roll out of your blankets with your hands over your heads." They knew his reputation as a super expert with a hand gun — so they did as commanded. He threw their guns in a pond close by.

His instructions — "You have a chance to live as long as you keep your hands over your head — anyone who lowers his hands dies right here." They believed him. So still holding them at gun point with one hand — he had one at a time step off to one side and tied his hands behind his back with thongs cut from his saddle, and let them go back to their bedroll till morning. Naturally Ed had to stay awake all night.

In the morning he had them get on their horses with their hands still tied and started out. They wanted to know how they were going to eat. His reply — "people have lived 30 or 40 days without grub — you're not going to eat 'til we get to the jail. It took two days and a night to get there. Without food, and a gun behind them, they became quite docile.

In last week's column I stated that the cow marshals turned over captured rustlers to a U.S. Marshal. Wrong, they were turned over to a Federal Judge.

## THEY GET LIFE SENTENCES

Ed explained to the judge that the evidence was the murdered man back there covered with a canvas.

The judge gave them life at Fort Leavenworth.

The three outlaws swore that if they ever got pardoned or escaped they would hunt him down and kill him—if it took the rest of their lives!

Well, two died in prison, the third man had to be considered until Ed got a letter from the outlaw's stepson that the third man — his last enemy — had died in prison so Ed could hang up his gun. It took some forwarding for the letter to catch up with Ed. Up to that time a magazine article would have advertised his whereabouts.

So now he is no longer story shy.

Ed went to live with his brother Charley in Johannesburg to spend the six months his doctors gave him to live.

He had a bad case of black malaria from working 26 hours a day on his Kansas ranch for 14 years.

As soon as Ed was well enough to travel he started out prospecting and mine buying and selling.

## ED AND BROTHER CHARLEY PROSPER

By this time (1900) Ed was making big money and had money to invest. Brother Charley Teagle wanted to expand his business so he took brother Ed on as a partner. They prospered.

Ed also financed an expansion program, which consisted of building a large hotel in Johannesburg — a freight and mail line from Johannesburg to Skiddow by way of Ballarat — a stage station and feed store at the Tanks west of Valley Wells, a general store and hotel in Ballarat and a lumber yard and feed store in Skiddow.

In 1905, Ed built a large six room house in Johannesburg and brought his family out from Kansas. He sold the ranch in Kansas at a good profit, of course. Later (1915) he bought a home in Redondo so that his son and two daughters could get a good high school education. But Ed could not live there for any length of time. He would get choked up and return to the desert.

RIM  
SHOTS

By BILL VALENTEEN



Last week, the Rocketeer did a story on 10-year-old April Manger (pronounced with a hard "g") who brought home a trophy for herself and her club, the Indian Wells Valley Swim Team. But, that's just the middle of the story.

I visited her family the other night and got a good insight into the beginning of her career and some of the accompanying sidelights. It turns out that April is only one of many all-stars in the household. I could probably do an entire episode on each one of the other members.

## ALL SIX HAVE TALENT ENERGY

April is the fourth eldest in a size six brood in which will also be found Ginny, 17, a very perceptive and sensitive girl, who, while interested in tennis and gymnastics, is a remarkably adept artist and sculptress; John, 15, who has displayed great talent in baseball (he was a member of the Pony League all-star team in Berkeley); Bryan, 12, a member of an all-star pee-wee ice hockey team that took second in the California state finals; April, of course, whom you read about last week; Kathy, 9, currently waiting anxiously to show her stuff as a swimmer; and Barbara, 7, waiting, too.

Commander "Marty" Manger, their father, is currently assigned as Administrative Officer at the Naval Air Facility. He came to NOTS from five years of duty on the Coral Sea.

## DAD AND MOM WERE FINE ATHLETES

During his "formative" years, shall we say, Marty was quite an athlete himself. He played football at the University of Niagara in New York, and when he was in high school, he held the second-fastest time in the breast stroke.

Ruth Manger, the kinpin of the bunch, is now serving as No. 1 fan and manager. But there was a time, John tells me, that she could have outshone them all. In her high school days, back in Asbury Park, New Jersey, Ruth held the honor of being all-around girl athlete for her four years. This award is given to the girl in the class who has scored or accumulated the most points from the various sports in which she participated.

During the past five years, while Marty was at sea, she has had the terrific task of taking care of the children and seeing to it that they got to all the ball games, meets, etc., practiced on their respective instruments (another big part of this family's life is music) and kept up the academic standards that she has set. When she's not doing anything else, and I can't imagine her finding time to do anything else, she substitutes teaches science classes in the local school system. She also managed to get a teaching degree in Biology.

## THERE'LL BE A MANGER ON THE FIELD

The Mangers are new to China Lake. Marty assumed his new duties in November. But I'm sure that you'll be seeing a lot of this gang, either around town or on one playing field or another.

I should say something about the one member of the family who can take sports or leave them alone. This would be "Gambi," their big German-Shepherd police dog. At least, he doesn't seem to take too kindly to sports writers. Keep smilin', Sport! See you next week!

Volleyball Call  
Issued; Feb. 17  
Set As Deadline

It is requested that personnel desiring to participate in a Station intramural volleyball league submit entries to the Special Services Office, (Code 855) via Military Personnel Officer or Civilian Department head no later than Feb. 17.

All entries must include the name of the team and the name and phone number of the team coach or manager.

A meeting of all interested personnel will be held at the Special Services Office, Bldg. 880 at 1:00 p.m. Tuesday Feb. 18.

Two New Courses  
Offered Here for  
Spring Semester

The Education Office this week announced two new courses for the Spring semester:

MATH X 862, Mathematics Review (Calculus) 3 Units \$40 Instructor: Wm. B. Stelwagon Time: 4:30-6:30 p.m., Tuesday-Thursday, beginning Feb. 18 Place: Conf. Room "C," Michelson Laboratory

Text: Taylor, Calculus with Analytic Geometry (Prentice-Hall).

This non-credit course in a comprehensive review of calculus intended for students who need a refresher course before proceeding to higher math courses.

EDUCATION X 339.1, Evaluation of Audio-Visual Materials, 2 Units \$33

Instructor: Richard T. Carlisle Time: 7:10 p.m., every other Monday, Feb. 17, 1964 Place: Room 1000, Michelson Laboratory Text: None required.

This is an advanced course in the audio-visual materials being offered for the first time at China Lake. Students will explore the relative merits of audio-visual material and study the criteria in selecting and evaluating them. More students needed for this class.

## Little League Meet

Election of officers for the 1964 China Lake Little League Association will be held at the general meeting at Groves School Auditorium at 7:30 p.m., Wednesday, Feb. 19.



SNAKES BEWARE — Actress Carroll Baker is getting a lot of attention from a cast and crew members on film location in Utah. Carroll says that her black leather thigh-high boots, pink stretch pants, bulky sweater, leather jacket, and western style hat are for protection "against rattlesnakes, spiders, and cold." Those lucky rattlesnakes!

Navy Extends  
Tuition Money

WASHINGTON — Navy men drawing tuition aid for off-duty education won't have to pay for their schooling out of their own pockets during the fourth quarter of this fiscal year after all.

The Bureau of Naval Personnel has allocated enough additional money to pay for the education aid program for the rest of fiscal 1964.

Some of the more than 11,000 Navy men and women enrolled in the program had already received notices not to count on the government to pay for their courses after March 31. Now they are assured of federal support through June 30. — Navy Times.

SPORTS  
QUIZ

1. How many winners of the Kentucky Derby were foaled outside the United States?

2. What was the greatest weight difference recorded in a major professional boxing bout?

3. When was the first All American football team selected?

4. What is reported to be the longest distance ever run in a horse race?

5. What was the greatest number of games ever played in a tennis singles match?

## Answers

1. Two, Tommy Lee (1959) and Omar Khayam (1917) both foaled in England.  
2. 140 pounds — Bob Fitzsimmons (172) fought Ed Dunkhorst (312) in 1900. Fitz won in two rounds.  
3. In 1889 by Caspar Whitney of Harper's Weekly.  
4. 1,200 miles, held in Portland, Me. Won by an Egyptian gal in 1920. Won by an Egyptian bred horse named Emir.  
5. 100 as J. Drobný (Czech-born) and J. E. Paffy (U.S.-born) lived their match in 1955 at Lyons, France. The scores were 21-19, 8-10, 21-21 (Drobný's score first).

New 'Open Rates'  
Listed for USNRs

WASHINGTON — A new list of "open rates" for TARs who want to switch to Regular Navy and for Reservists who want to go on active duty has been issued by the Bureau of Naval Personnel.

New to the open rates list are SM1, SOC, ETC, CTC, CTI, EM1, IC2, IC3, ABH1 and ABH2.

The new open list includes all non-rated men, plus those in the following rates:

QM1, 2, 3; SM1, 2, 3; RD1, 2, 3; SOC, 1, 2, 3; TMC, 1, 2, 3; FTI, 2, 3; GMT2, 2, ETC, 1, 2, 3; DSC, 1, 2, 3; OM3; RM1, 2, 3; CTC, 1, 2, 3; MA3; MM1, 2, 3; BT3; BR1, EM2, 3; IC2, 3; SF3; AT3; AX, 1, 2, 3; AQ1, 2, 3; AC3; ABH1, 2, 3; AE3; PR3; AG3 and PT3.

No longer eligible for active duty with the Regular Navy are men in these categories with the following rates: TM2, GMT, GMT1, MR3, IC1, CE3, ADJ3, ATL1, AT2, AO3, AM3, and PH3. — Navy Times.

## The Rocketeer

Official Weekly Publication of the U. S. Naval Ordnance Test Station China Lake, California  
Captain Charles Blumman, Jr., USN Station Commander  
"J." "T." Bilby Public Information Officer  
Jack G. Broward Editorial Advisor  
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PROTESTANT CHAPEL COUNCIL—Senior Chaplain Robert C. Fenning (front left) meets with newly formed Protestant Chapel Council which will assist in Chapel Program as an advisory group. Members (l-r) are Eloyda Treat, Eleanor Eng,

Lorraine McClung, Helen Schoss, Norman Osborne, Harold Cook, Chaplain Mark E. Fite, Keith Armstrong, Capt. Jack Hough, Wayne Rountree, L.Cdr. Harold Hodson, and Earnest Long. Not shown: Cecil Glass, Ed Romero, Charles McGuire.





A COUPLE OF SAD SACKS and a girl. Polly Richards models two of her latest wardrobe items. A nightmare and a spare.

### Strictly For The Birds

At least one faithful federal employee at NOTS Pasadena has taken the President's austerity program to heart. Pauline M. (Polly) Richards, General Accounting Liaison, Central Staff, has selected her new spring outfit in burlap, or may we say plain old gunny sacks.

Being high-fashion minded, however, Polly has been very

### Technical Lecture

The Employee Service Organization will sponsor a Technical Lecture at 1:30 p.m., Monday, Feb. 17, in the Bldg. 7 Large Conference Room. The lecture is Confidential.

Titled "Experience in Underwater Acoustics," the program will be presented by Dr. A. B. Wood, Acoustics Consultant at Naval Electronics Laboratory, San Diego. Dr. Wood will relate some of his experiences in underwater acoustics, starting with some of the very early work in this field. He has an outstanding background of effort and achievement and is recognized as one of the leaders in underwater research. He has written a book, "A Text Book of Sound," and has received the Pioneers of Underwater Acoustics Award.

### Drive Ends Annex Fund

Did you come through the Federal Service Fund Drive with a clear conscience? Did your group reach the 100% goal because you did your share?

Windup date at NOTS Pasadena was last Wednesday, Feb. 12. Final results have not been computed at this writing but "keymen have done a fine job and indications are that we are moving strongly toward our goal of 100% participation by NOTS personnel," reports Norm McDonald, Drive Chairman.

choosy in her selection, her first choice embossed with red birds. A nice change is a sack (pardon me) embroidered with Michigan Navy Beans. As is every self-respecting woman's desire, she is quite certain she has come by a couple of originals that she will not readily encounter.

It all came about like this — With a discerning eye, X. Martin Smith, Facilities Consultant, very delicately suggested to Polly that the nice gray shift dress she was wearing was a disgrace to femininity. Now everybody knows, and especially X. Martin, that no gentleman presents wearing apparel to a lady so conversation was brought to an end but X. Martin was to prove his point.

Said sack, in its natural state, was delivered with pomp and ceremony. Plucky Polly was game. Barbara Pursell, her co-worker and expert seamstress scooped up the jute sacking, sped homeward, rolled up her sleeves and zipped up the dandy little number modeled in the picture. Dave Hunt in the Range Branch joined in the fun and dropped by with a "spare." He didn't mention just what he had done with all those navy beans.

As the star of our story deals in high finance on the job, it was suggested by Cdr. Cassin that we might caption this tale, "From Money Sacks to Gunny Sacks."

"Who was that woman I saw you out with last night?"

"Can you keep a secret?"

"I sure can."

"So can I."

## NOTS Pasadena

VIRGINIA E. LIBBY — EXT. 638

### Photographer Joins Pasadena Annex PIO

Ralph J. Robey, PH2, has joined the Public Information Office as Staff Photographer at NOTS Pasadena. He will be responsible for all news photos including those appearing in the Pasadena section of the Rocketeer.

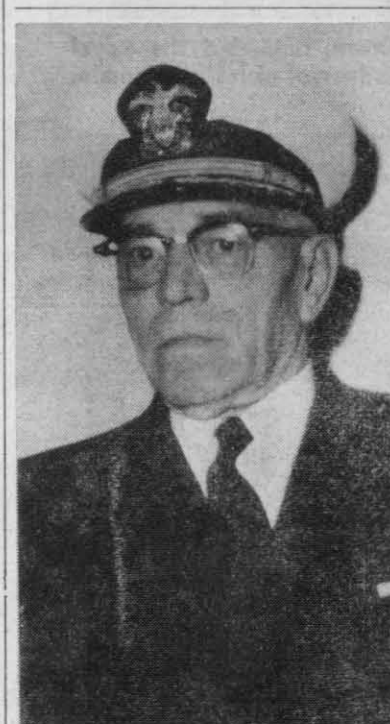
Ralph entered military service during WWII in March 1944 in San Francisco and trained at Camp Farragut, Idaho. He completed a course in radar and served as a radarman early in his naval career.

For the duration of the war, Ralph served in the Pacific Area aboard the USS LUNGA POINT (CVE 94) as a combat photographer. At the end of the war, he returned to inactive duty for seven years, returned to active duty in 1954 and has continued his career as a public information photographer. During this period he has instructed classes in photography for reserve airmen at the U. S. Naval Air Station, Oakland, Calif.

In 1957 he was chosen to accompany several distinguished officials and members of the press on a two weeks tour of Europe.

In 1960, Ralph was assigned to the USS OKLAOMA CITY, then to COMCRUDESFLT 3 Staff for three years.

Ralph and his wife, Anita, reside in Westminster with their three children—Patti 17, Randy 13, and Jan Alan 7.



CDR. C. H. SEBENIUS

### Reserve Officer Tours Facilities

Commander Carl H. Sebenius, Naval Reserve Officer, has recently completed a two-week tour of duty of Pasadena. In addition to being briefed on current programs by Pasadena Range Director, Mabry Van Reed, Cdr. Sebenius visited China Lake and the San Clemente Island and Long Beach facilities.

A native of Duluth, Minn. and a graduate of the University of Minnesota, Cdr. Sebenius has been a 30-year resident of Pasadena where he operates his own business as a consulting engineer.



RALPH ROBEY, PH2

### 20-Year Milestone



HAROLD R. JENSEN

Harold R. Jensen, Electronic Mechanic in the Range Branch, Systems Operations Division, UOD, has received a 20-year pin for length of federal service. He is employed at the Long Beach facility and has been with NOTS for 12 years.

He and his wife, Adele, have been residents of South Gate for 10 years. Their three children — Harold 7, Susan 6, and Irene 5, attend Bryson Avenue School.

### Hoopsters Win

The NOTS Pasadena basketball team defeated Lake Avenue CC 53-40 last week. "Coach Norm McDonald had to admit this was the first game this season that was won comfortably," quipped team manager Don Robinson.

The NOTS team forged ahead in the first half and from then on the opposition was never a threat. The guards, who are our fast break men and high scorers, were Don Palmer, Ray Brooks, Del Yarbrough and Dick Talbot. For rebounds and good defense the team had forwards Dan McDonald, Don Robinson, Norm Estabrook, and Russ Hayslett. The centers were Roger Morehead and Lee Haynes, both of whom are good ball handlers and capable of clearing the boards for the team.

NOTS team now has a 5-1 record. It holds second place in the league with Pasadena Police in first. Aerolab, whom we defeated in a last six seconds thriller, places third.

The next contest is with Spanjan Sportwear at Pasadena High School on Wednesday, Feb. 19, at 7 p.m.

### SSP Awards

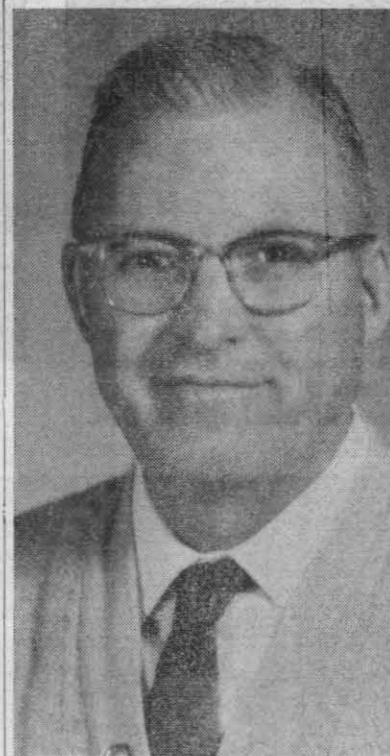
Two Pasadena Annex employees recently received Sustained Superior Performance Awards. Both are in the Control Branch, Guidance and Control Division, Underwater Ordnance Department.

Ivan N. Carlson, a Model Maker, was cited for outstanding performance involving manufacture, assembly and test of mechanical components for guidance and control of torpedoes.

A native Californian, born in Los Angeles, he has been with NOTS since 1949. He and his wife, Mary, have resided in Glendale for 18 years. They have two children — James 16, and Kathleen 15, who attend Hoover High School.

Robert L. Matthews, electronic engineer (Instrumentation), was rewarded for his work involving analysis and testing of torpedo control system electronics.

Originally from Portland, Oregon, he joined NOTS in July 1960. He and his wife, Kaye, have resided in Monrovia for 2-1/2 years.

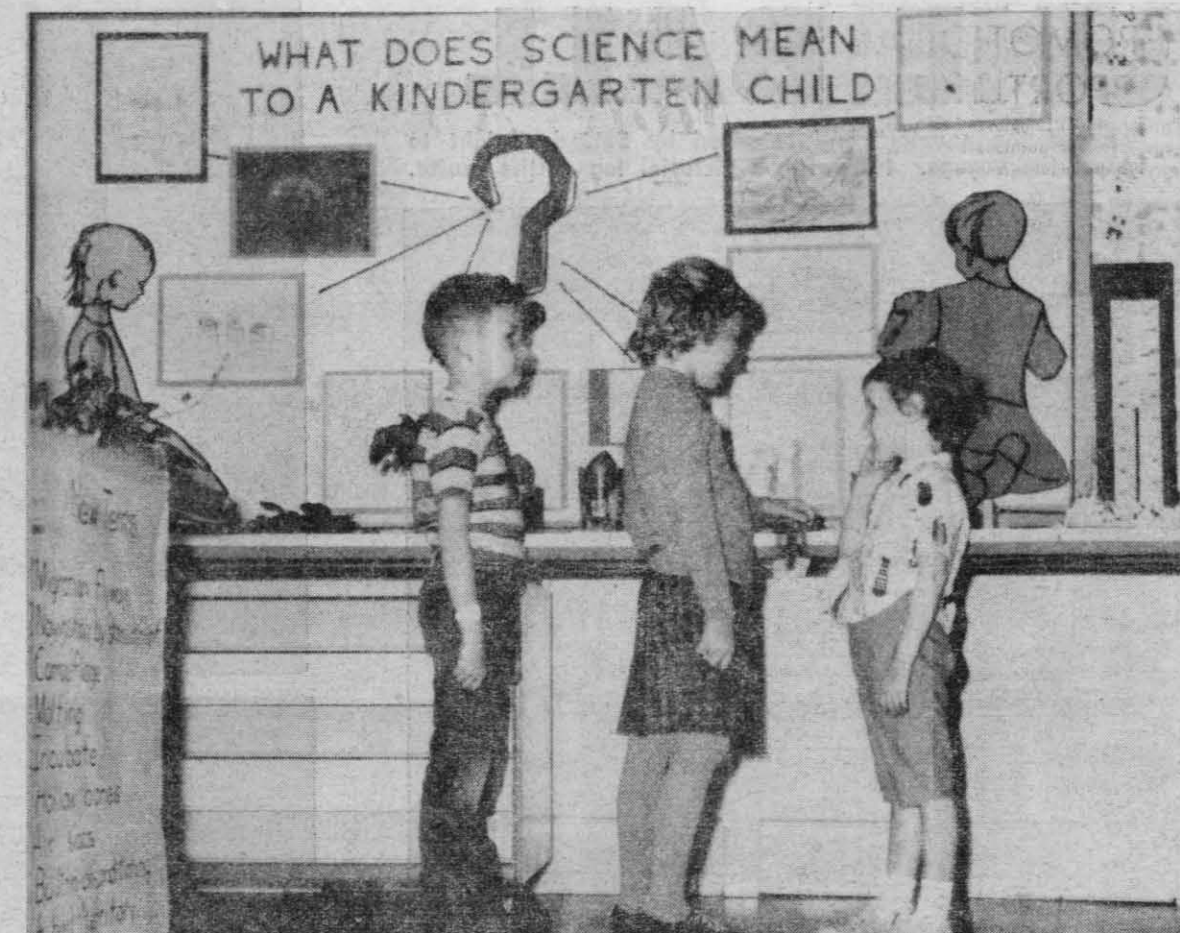


IVAN N. CARLSON



ROBERT L. MATTHEWS

In the United States there are 10,260 bowling establishments. The world's largest and widest bowling hall is at Edison, N. J., with 112 lanes.



RICHMOND SCHOOL kindergarten display interests Jimmy, Jeannie and Sally Baker. It told about seashells, how grass grows,

mushrooms and beans, about the rain and the rainbow, the moon and rockets. That's what science means to future scientists!

### Elementary Schools Pupils Amaze Grownups

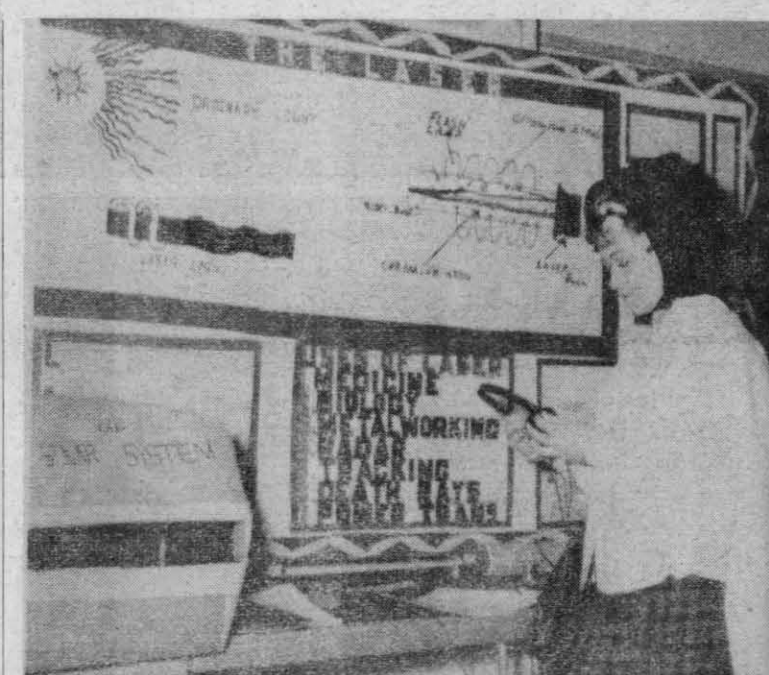
### Science Fair Thrills More than 1000

More than 1000 visitors were fascinated by what youngsters of elementary school age here could do in the field of science when they attended the Science Fair last Friday and Saturday at Murray School.

The Fair, loaded with colorful exhibits devoted to subjects reaching from prehistoric times to the modern space age, was sponsored by the China Lake Elementary School District.

Schools represented were Desert Park, Groves-Rowe, Murray, Richmond and Vieweg.

Many parents and other adults who viewed the exhibits were amazed by the children's precise model and display work, supervised by their teachers, in various fields. Among the eye-openers were studies of weather, insects, aviation, electricity, the laser, plants, smoking and health and communication through sight, touch, sound and smell.



SIXTH GRADERS of Murray School helped assemble this exhibit which included an explanation of LASER and a solar system model. Spectator is Sharon Melia of Ridgecrest.



MODELS OF INSECTS—Praying mantis, dragonfly, beetle and mosquito — intrigue Beverly and Peggy Glass, Jamie Bachinski and Meric Murphy.

### Folk Dance Class Set for Beginners

A beginning folk dance class has been scheduled by the China Lake Desert Dancers. This class which is held every spring will begin on Feb. 20 and meet every Thursday night until the class party on April 30. The meeting time is 7:30 and the place is the Community Center.

The program will include the basic two-step, waltz, polka and schottische and will feature dances from fifteen countries. All interested persons are invited to attend, and for further information may call Dick Cruise at Extension 7-3574 or Polly Fischer at FR 8-6356.

### 'Engineers Week' Meet

(Continued from Page 1)

The Station and seven local professional organizations are sponsoring the event which is set aside each year by Presidential proclamation in recognition of the achievements by the engineering profession.

The week of George Washington's birthday is traditionally celebrated as Engineers' Week because our first President was himself a trained engineer, Eli Zeitlin, program committee chairman, said.

#### Committee Members

Program Committee members in addition to Zeitlin are: Russell Palmer and Stan Mutchler, California Society of Professional Engineers; Merle Wahlgren, American Society of Civil Engineers; John Johnson, Institute of Electrical and Electronic Engineers;

Rosemary Whitman, NOTS, and Pat Rooney, Trona, American Institute of Chemical Engineers; Ray Van Aken, American Institute of Aeronautics and Astronautics; A. T. (Temp) Robinson, Research Society of America; and Capt. Ronald E. Jensen, USAF, American Ordnance Association.

Zeitlin noted that this year's theme "Creative Engineering — Design for Tomorrow" is apropos when we talk of "landings on the moon" in this age of space and the atom.

"It has been creative engineering that has given us the instruments, the rocket fuels, the electronics devices, and other science-equipment which is bringing about the exploration of space," he said.

#### Favorable Climate

"No other community in the nation can provide its youth with a better opportunity to become familiar with the role of the engineer than ours," Zeitlin emphasized.

Educators have cited the lack of tangible exposure by our youth to engineering as being a factor in not choosing a professional career, he noted.

"Congressional concern about the nation's engineering manpower shortage has resulted in the enactment of the largest program to aid engineering education in more than a century,"

Zeitlin added. Noting that engineers in Federal Government Service are not required to be registered, Zeitlin pointed out that the Station has 35 registered professional engineers.

Of these, ten are electrical engineers, seven are civil engineers, six are chemical engineers, and 12 are mechanical engineers.

There are 15 registered professional engineers in the Trona area.



ELI ZEITLIN  
... Committee Chairman

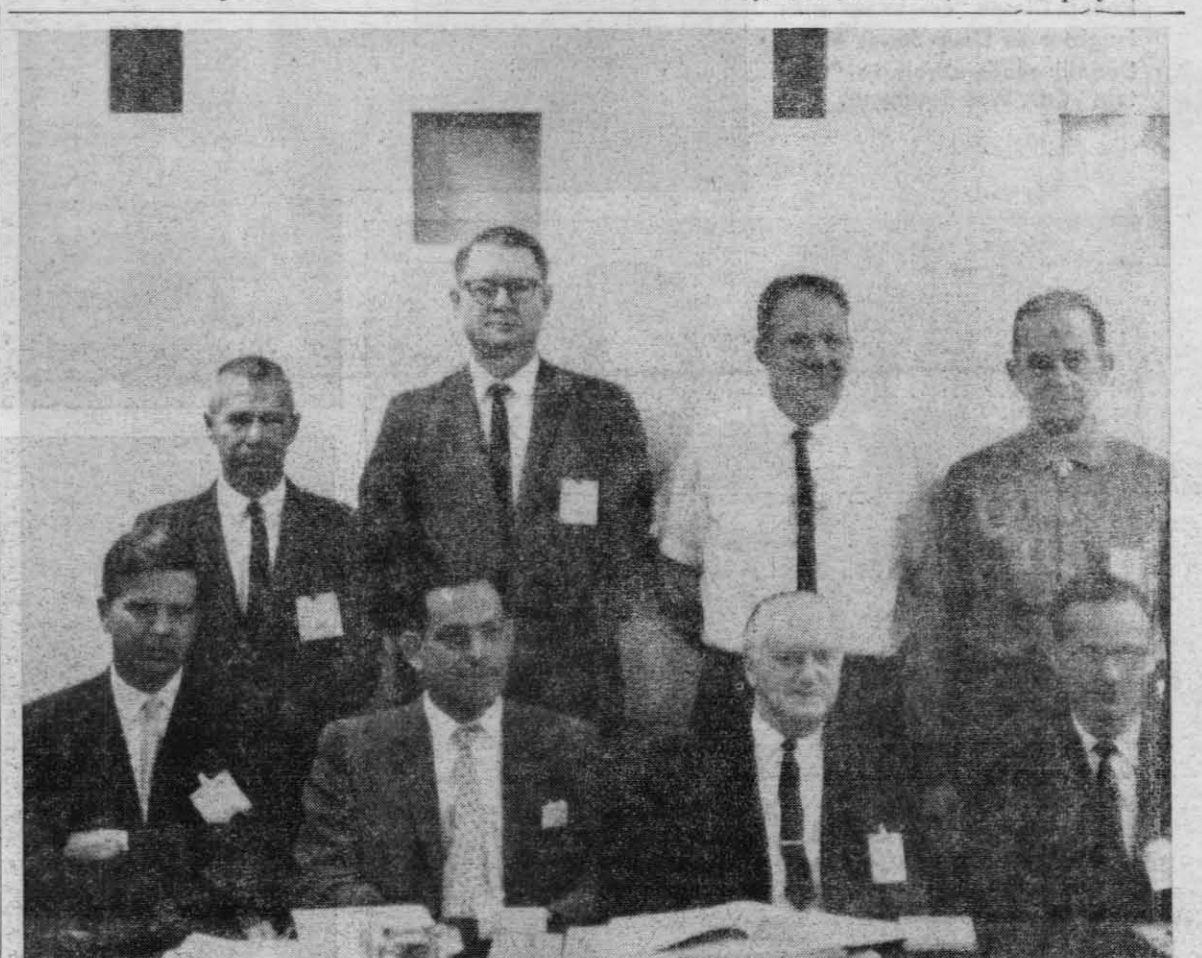


H. G. WILSON  
... Master of Ceremonies

### German Language Club

The German Language Conversation Club will meet Monday, Feb. 17 at 7:30 p.m. in Room B at the Community Center.

German word games, at various levels of vocabulary achievement, will be played.



EXECUTIVE COMMITTEE of the Telemetering Working Group plan agenda for meet here of 35 members of the Inter-Range Instrumentation Group from six ranges. Members (seated, l-r) are Harold Jeske, Sandia Corp.; William Baer, TWG vice-chairman, NOTS; Sid

Wild, TWG chairman, PMR; B. E. Norman, WSMR. Standing (l-r) are Quince P. James, APGC, Eglin AFB; William Wright, Edwards AFB; Fred Ashbrook, IRIG steering committee, NOTS; and Robert T. Merriam, conference coordinator, NOTS.



# THE NEPTUNE BALL

THE GOOD SHIP USS Sand and Cemente set sail Friday night from the staging area of the Community Center, "crossed the equator" and returned by Saturday night to repeat the voyage. Herewith, a pictorial log of the cruise.



IN "CROSSING the Equator" skit, Don Smith, QMCM, "flogs" Cal Fallgatter while Royal Barber LCdr. John Morgan urges him on. Watching are King Neptune LCdr. L. B. Shults, Royal Baby Bob Appleton, Queen Amphitrite Dana Thompson, Royal Doctor Dick Rusciolelli and Davy Jones Frank MacDonald.



RIGHT: Royal Judge LCdr. Robert Clasen "cracks up" with laughter as Davy Jones MacDonald reads scroll to "Captain" Cdr. Wes Baumann.



JOE FLYNN, Capt. Binghamton of TV's "McHale's Navy," enjoys a hearty laugh with Capt. Charles Blenman Jr., COMNOTS, during some friendly repartee at the Saturday night show. Flynn was guest of honor during the second "cruise."



GARY VINSON, who plays the role of Christy in "McHale's Navy," chats with Mrs. Fielding Davis at Saturday's reception.



'MAN WITH HEART OF GOLD' Award is presented by Mrs. Charles Blenman Jr. to LCdr. Frank Coghlan, USNR, Armed Forces PIO (Navy) of Hollywood, in recognition of his outstanding cooperation in public relations effort of those not directly connected with the production of the Neptune Ball.

MERMAIDS Alene Morgan, Penny Kistler and Therese Valenteen (l-r) recite a sea ditty to introduce skit. At right, usherettes Gwen Luttel and Doris Valitchka have a story to tell.



HAPPY HELMSMAN is Bernard Crum, BM1, but the Royal Chaplain, Cdr. Robert Hoppe, seems fearful of losing his halo.



THE SEA HAGS (who shall remain anonymous) come charging onto the scene to provide some comedy relief in the midst

of the Crossing the Equator crew. The Costume Committee was comprised of Sue Byrd, Lew Shults and Bob Brown.



## Jackie Cooper and Fan



JACKIE COOPER, star of the "Hennessey" television series who was guest of honor Friday night, encourages shy four-year-old Carolyn Smithson to come forward, saying he'd be pleased to give her his autograph.



CAROLYN bravely steps forward and gets Jackie's autograph, a possession to be prized for a long time for a young fan. Carolyn's folks are Dr. and Mrs. Raymond Smithson.