(Continued from Page 3) with other necessary instru-

All this time and effort, plus the backing of Burroughs High School and the Heart Association, require thorough and organized scientific reporting from Miss Coslett. Her extensive participation in the teen-age Candy Stripers junior nursing organization has helped prepare her for this requirement.

She joined the Candy Stripers as a high school freshman to find out about nursing, and served as its president during the last school term. In a special program for outstanding members, she participated in a study tour at the Ridgecrest Hospital for nine weeks in the summer of 1964, including three weeks each in the laboratory, in surgery and on the floor.

"On the first day of our tour in surgery," she recalls, "we watched a major operationa bystorectomy - that took several hours. It was the first one I had seen, and I really enjoyed the experience."

Marie now serves as the Candy Stripers' chaplain, in addition to her activities in Job's Daughters locally.

Marie declines to assess her progress or achievement thus far in her Independent Study project, in proper scientific fashion, but her science professor, Fredrick McPherson is frankly enthusiastic.

"She is doing remarkably well," he reports. "She is showing a lot of imagination and thought in quite an original project.

"I am going to encourage her to enter some national contests—especially the Future Scientists of America program sponsored by the National Science Teachers Association and the Ford Foundation. I know the disciplines that are

necessary for this kind of achievement will be very good

"Of course Marie will receive grade marks for her work in this project, although she certainly doesn't need them for graduation," adds McPher-

"But the most important part of all this for her is that she is gaining experience that she could never obtain just in

# BOWLING

### NEWS By Dick Stine

Phone FR 5-5411

### PREMIER LEAGUE

This past Monday night the team members of the Starlite received top honors for both high series and game by slamming out 884-950 and 855. Benny Whiteside of the Desert Playhouse shot a beautiful 247 game and Jim Peck of the CPO Club recorded a beautiful 609 series while keeping his team FRI. in first place by one game.

### 24 CLUB SCRATCH

The Just Missed team members did everything but that when they knocked down 632 pins for high game and 1787 for high series last Monday night. Laura Rorex was the SAT. hot shooter when she rolled a very fine 191 game and a 506 series. The Jelly Rolls lead the league by three games.

### MIDWAY LEAGUE

This past Tuesday night Ben Whiteside was the top bowler for the evening when he rolled a 241 game and a 613 series. The Chillers' team members received the season's high team game honors by rolling a beautiful 691, while the team members of NoLos recorded a 2570 series

IOLLLL									
alsifier	A	c	Н	E		A	V	E	ĺ
ong-legged	C	0	A	L		R	A	G	I
oird Thus	E	N		M	A	R	L		ı
ronoun		C	0		В	A	L	K	١
continent	5	1	P	S		5	E	E	I
abbr.) Periods of	P	L	E	A	5		Y	E	Ì
ime	R	1	N	G	E	D		P	Ì
Nahoor	E	A		A	N	1	L		ì
heep	A	T	Α		D	E	A	D	١
War god Guido's	D	E	S	K		Т	R	1	ı
igh note			Н	0	D		D	E	į
so be it!	E	W	E		A	В	E	Т	١

32-Ancient

36-Meadow 37-Scandinavia 42-Reach across

measure 40-Prefix: not 41-Oceans 43-Grade 45-Work at one's trade 47-Clothing 50-Printer's

(collog.) regiment 58-Heavenly

ACROSS

1-Lubricate
4-Conjunction
6-Tricks
11-Sulky person
13-Beginning
15-Sun god
16-Beef animal
18-Principal
19-Abstract
being

being 21-Paddles 22-Note of scale 23-Tell 26-Flap 29-Heavenly

body 31-Trade for

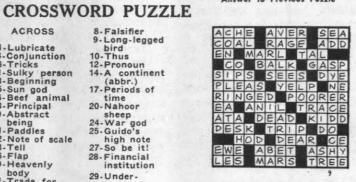
money 33-Parent

35-Cloth

being 60-A state 61-A state
(abbr.)
61-Individual
63-Draw out
65-Ancient
chariot
66-Rupees
(abbr.)
67-Bitter vetch

1-Monster 2-Country of Asia 3-Behold! 4-Performer 5-Cut

DOWN 6-Defeated



56-News-57-Confederate 51-Unmarried general 59-Chinese mile 62-Faroe Islands whirlwind commander 55-Vessels

For Use In Authorized Service Newspapers Only



KENNEDY PLAQUE UNVEILED-Dr. William B. McLean, Station Technical Director, and Capt. John I. Hardy, Station Commander, officiated last Monday in the unveiling of a plaque honoring the late President's visit to the Station on June 7, 1963. The ceremonies commemorated the second anniversary of his death. The impressive plaque is adjacent to the main entrance of Michelson Laboratory.

# SHOWBOAT

" VON RYAN'S EXPRESS" (117 Min.)

6 and 8:15 p.m. (War/Drama in Color) Prisoners-of-war

Force colonel to hijack a train and escape to allied Italy in this thrilling action special. Cunning adventure filmed abroad and Frank at his best. (Adults and youth.) --MATINEE--

"KATHY "O" (99 Min.) 1 p.m. Short: "Southern Fried Hospitality" (7 Min.) "Gunfighters of the Northwest" (25 Min.)

"THE BRASS BOTTLE" (89 Min.) Tony Randall, Barbara Eden, Burl Ives

(Comedy in Color) Unappreciated architect nherits a zany Genie when he buys an old brass bottle, but the well-intending Genie's plans for his master always seem to backfire, even at a harem dinner! Relax a little and laugh a lot! (Adults, Youth and Children.)

NOV. 28-29

"WHATS NEW PUSSYCAT?" (108 Min.) (Comedy in Color) Wackiest, raciest

comedy of the year! Four beautiful dolls continually chase O'Tolle as Sellers chases one of them, and his wife chases and the sexy parachutist set sights on O'Toole. Only the broad-minded won't blush! (Adult.)

NOV. 30-DEC. 1

"COAST OF SKELETONS" (90 Min.) Dale Robertson, Richard Todd

7 p.m. (Adventure in Color) An insurance investigator tracks down a diamond-dredger duggery in this action special. (Adults and

SHORT: "Chili Corn CORNY" (7 Min.) "A country Reborn" (10 Min.)

"I SAW WHAT YOU DID" (82 Min.)

7 p.m. (Mystery) Murder and mayhem result from the "telephone game" prank played by three little girls who quote the title. Slow to start, this winds up in shivery tension as the horrible results of the prank unfold. Suspense galore. (Adult.)

SHORT: "The Universe" (29 Min.)

### Sylvia Winslow Speaks At Museum Thursday

Sylvia Winslow, former Maturango Museum curator, will speak at the Maturango Museum at 7:30 p.m. Thursday, Dec. 2, on "Jeep Trails In The Colorado Rockies," an account

of a recent trip. Her talk will be illustrated with colored slides.



China Lake has certainly lacked no moisture during 1965, and most certainly not this month, according to weather records kept by Belmont Frisbee, head of Systems Development Departtory Branch.

"All records have been washed from the books!" he exclaims. "So far this calendar year, we've had 6.83 inches of rain, compared to only .77 inch during the same period last

Frisbee has rainfall measuring apparatus at his home in the Capehart "B" housing area at 49-A Sykes Circle.

He gives a .88 measurment taken at Michelson Lab and a .93 inch measurement taken at his home for the big burst of rain from 7:15 a.m. to 10:30 p.m. Monday, November 22.

This month's total rainfall (in Capehart "B") he gives as who puts in claims for heavy losses on Africa's Gold Coast. Gold bullion aboard 2.14 inches as of Wednesday morning The next highest was 2.23 inches in January, 1952.

> The big statistic for waterlogged Lakers, according to Frisbee, is the 6.33-inches mark for this calendar year to date. The next most downpoured year since records were begun about 1946, he points out, was 1958, when the record of 5.95 inches was made.

## Use of Yuletide **Decorations To** Highlight Dec. Tea

Glamorous original decorations and arrangements for Yuletide decor will highlight the Christmas Decorations Tea to be held at the home of Mr. and Mrs. George Whaley, 412 Lenore St., Ridgecrest, on Friday and Saturday, Dec. 3 and

The Whaley home will be decorated throughout for the event with original creations made by a large committee ment's Photographic Labora- under the direction of Mrs. Frederick L. Richards for the Oasis Garden Club-sponsored

> Refreshments will be served throughout the hours of the tea-10 a.m. to 7 p.m. on Friday and 10 a,m. to 5 p.m. on

Tickets are priced at \$1 and are available from Garden Club members or at the Whaley home during the tea.

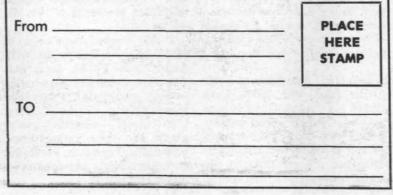
Mrs. Harold Lindberg, ticket chairman, Ext. 77512, can provide any additional in-

### Folk Dance Group To Hold Open House **Next Thursday Eve**

Does folk dancing sound like fun? Now is the chance to find out.

Costumed China Lake Desert Dancers will hold an International Open House Night at the Community Center, starting at 7 p.m. Thursday, Dec. 2.

Refreshment tidbits from different countries will be served during the evening.



# Pt. Mugu Pilot Scores Bullseye

the history of Bullpup firings at NOTS was marked recently when Dr. I. E. Highberg, head of the Systems Development Department, presented a special bullseye award to Naval Missile Center's Lt. Paul A. Polski.

The air-to-surface project pilot, flying an A4 "Skyhawk" out of the Pt. Mugu facility, blasted the dead-center surveyor's marker out of the ground on NOTS G-1 Range following launch from a medium dive on a run on August

"This feat of Lt. Polski's is really quite rare with any similar weapon," Dr. Highberg noted. "Hitting a perfect bullseye is harder to do than hitting the moon."

Lt. Polski mentioned that he is rather new to test flying with the operational Bullpup missile, now in use against Red troops in Vietnam. Following a year's training at the Empire Test Pilot School at Farnbrough, England, last year, he arrived at the Naval Missile Center, Pt. Mugu, last January, was rechecked in Navy craft, and was flying by

The target Lt. Polski hit was a limed circle with the surveyor's marker in the center. He explained that any hit within the circle is regarded as a bullseye.

Lt. Polski, 31, is a Naval Academy graduate of the Class of 1958. He and his wife, Barbara (or "Gus," as he calls her), have one son, David.

He flew up to NOTS from Pt. Mugu last Friday for discussions with Systems Development. Department personnel, including Jim Glaviano, project engineer for Bullpup

Bullpup is a visually tracked command solid propellant rocket.

The 11-ft. long, l-ft. diameter, rocket can accurately deliver three types of warheads against small hard targets such as tanks, trucks, and small craft. The pilot visually guides Bullpup with radio commands

Capable of supersonic Bluejacket of the Month's peeds, Bullpup is an effective Bluejacket of the Month's speeds, Bullpup is an effective answer to enemy gunfire and difficult terrain.

# BHS Co-ed's Medical Here With Bullpup The first perfect bullseye in Research Based Here



Vol. XX, No. 47 Naval Ordnance Test Station, China Lake, California Fri., Nov. 26, 1965



TENDING INCUBATOR—Rose Marie Coslett, senior at Burroughs, tends environment of innoculated eggs in homemade incubator through interior gloves sealed to outside

wall. Father, Russel A. Coslet, of Code 55's Design Disclosure Br. observes. Her "lab," with aid and interest, is care of Earth and Planetary Sciences Div.

## Marie Coslett **Uses Embryo** Chicks in Study

By JOHN R. Mc CABE

In her hopes, she's a future thoracic surgeon, but every afternoon-and usually late into the night-Rose Marie Coslett, 17 years of age, one of six Burroughs High School students engaged in the school's "Independent Study" program, is hard at work on her project of studying the effects of tranquilizers on the hearts of embryo chicks.

The scene of her research labors is the lair of NOTS researchers in a far different field-the offices of the Earth and Planetary Sciences Division of Research Department, headed by Dr. Pierre St. Am-

Rose Marie will be working on her project through the end of the current school term, and perhaps even beyond. Before she is finished, she will have innoculated and incubated nearly 300 freshly laid eggs in eight series of

"What I'm trying to do," she explains, "is to find the specific effect of tranquilizers on the embryo hearts of chicks. I'm using the tranquilizer adrax on the present batch. So far, the eggs in the incubator now seem to be doing poorly, but then the tranquilizer dose was strong. The embryos have had no deformity, but they have seemed to be delayed two or three days in development. And recently I've found some blood clots in previous em-

Miss Coslett uses a variety of egg types, including a "control" egg not innoculated, in each batch of 13 to obtain reliability in her experiments. Her many hours on the job are required by her role as 'mother hen." She must turn each egg at six-hour intervals around the clock through the (Continued on Page 3)

FIRST BULLPUP BULLSEYE-Dr. I. E. Highberg, Asst. Technical Dir. for Tests and Head of Systems Dev. Dept., presents bullseye award for first dead-center hit with Bullpup at NOTS to Lt. Paul A. Polski, air-to-surface project pilot of Naval Missile Center, Pt. Mugu. Lt. Polski hit surveyor's marker at target's center here.

## **Finds Special Projects Work Challenging Here**

VX-5's Charles Knoy Named

"Proud, honored, and surprised" was Electrician's Mate Second Class Charles A. Knoy's reaction at being selected VX-5's Bluejacket of the Month for November.

"This honor is one of the highlights of my Navy career," said the twenty-six year old native Californian who entered the Navy in April 1958 in Fresno, California.

Knoy arrived at VX-5 in August of 1964 from Fighter Squadron 143, Naval Air Station, Miramar, which was deployed aboard the super attack carrier USS Constellation and participated in air strikes in Vietnam. He came directly from the Constellation to Air Development

(Continued on Page 3)



WHAT'S THIS? Floyd Pickrell of Airborne Instrumentation Br., Aviation Ordnance Dept., ponders startling repetition on his pay check voucher of Nov. 12. He found that his net pay equalled—to the cent—his pay record number: 25208. "I don't know just what the odds are that this would happen," he said, "but they must be in the millions-to-one." JEWISH MESSAGE

# Three Things



By (Student) Rabbi Stephen J. Einstein

A great speaker was once asked why his speeches were understood so well by his audience. He replied. "First I tell them what I'm going to say, then I say it, and then I tell them what I've said." This may be an effective approach for some speakers, but brevity is sometimes more appropriate and always

The Rabbis of the Talmud were often brief in their ethical injunctions, but many of their sentences are sermons in themselves. Rabbi Eliezer is remembered for saying three things: "Let the honor of your fellow be as dear to you as your own. Be not easily angered. Repent one day before your death."

Is is repeatedly said that we live in a "dog-eat-dog" world. "Success" is the magic word and some people will do anything to achieve it. If somebody gets hurt in the climb up that golden ladder, it's all right—as long as that somebody is somebody else. In the quest for self-glorification, the honor of others is lost somewhere in the shuffle.

We're all familiar with the commercial in which tension is built up to the point that the woman screams, "Mother, curement documentation in an up-to-date, nlessel I'd rather do it myself." Tenseness seems to be nort please! I'd rather do it myself." Tenseness seems to be part of daily life. Losing our temper is a common everyday experiDesign of solid-state circuits related to the control function for missile servo

Sometimes we feel pangs of conscience. We say things; we do things; we're sorry—but then it's too late. Each day with a good understanding of solid-state offers an opportunity to be sorry and each day we are able to offers an opportunity to be sorry and each day we are able to improve. We don't know which day will be our last one, so we Division, Engineering Department. should make each day an ideal one.

Rabbi Eliezer was speaking 1900 years ago, but the three things he said are valid today: "Let the honor of your fellow tests microwave components and circuits for Shrike Weapons Systems. The position be as dear to you as your own. Be not easily angered. Repent primorily involves redesign and improveone day before your death."

-EDITORIAL-

## Day Of Dedication, Prayer

President Johnson has set aside one day, Nov. 28, as a day of dedication and prayer, honoring the men and women of South Vietnam, of the United States and of all other countries, who are risking their lives to bring about a just peace in South

from those of us in uniform, such a remembrance is an easy potential thing. We know the score We know what the Deadline for filing is Dec. 3. and natural thing. We know the score. We know what the stakes are. We know what it means to be a freedom-fighter. Most of us probably begin each day with a prayer, either for Tracy Sings at our own lives, for the lives of our friends or relatives on the battlefields, or for the valiant South Vietnamese and the men of other nations who have united in the quest for peace in Viet-

Our dedication should also be to those who went before us -the men who established traditions we follow today in defending freedom. Those who fought in Korea, in World Wars I and II, the War of Independence—their very lives were dedicated to the cause of freedom

Yes, we remember Dec. 7, 1941, Pearl Harbor Day, and June 6, 1944, at Normandy, and the Anzio Beaches, and Guadalcanal.

We are proud to continue the cause for which they so valiantly gave their lives. (AFPS)

### **PROMOTIONAL OPPORTUNITIES**

ROCKETEER

Electronic Technician, GS-856-11, Code 5523—The incumbent will design and con-struct specialized test equipment for evaluating missile guidance systems, their subassemblies and components. He will check, calibrate, and operate a telemetering instrument receiving station. Designs special

Mechanical Engineering Technician, GS-9 or GS-11, Code 5542—Originates basic design concepts and in time will be expected to produce complete detailed machines. Applicant must have a thorough knowledge of machine shop practice and working knowledge of production tooling for metals and plastics. He must make functional tolerance studies, write tooling specifications, select commercial items, such as valves, motors, gears and cylinders from catalogs, and have a good mathematical background.

If applicant is hired at GS-9 level, he will undergo a training period prior to

General Engineer, GS-801-12, Code, 5523— The incumbent will be responsible for pro-viding Navy Bureaus and manufacturing entractors with the engineering data and technical consultation services required to manufacture electro-mechanical ordnance items. Involves evaluation of proposed design changes, waivers, and deviations requested by contractors. Maintains pro-

Electronic Engineer, GS-855-9, Code 5521systems. This position requires the indivi dual to have a Bachelor of Science degree

Electronic Engineer, GS-12 or 13, Code 5525-The incumbent designs, develops and ment of Microwave components and cir-cuits, in support of original design work performed by development codes. An auxiliary function of the position is the capacity as consultant to the Electromechanical Engineering Division.

File applications for above with Loretta

Hetherington, Bdlg. 34 Rm. 34, Phone 71471.

Ordnanceman (A & E - Miscellaneous) \$3.01 to \$3.27 per hour, Code 2251—Moves, stores, groups and segregates various items of ammunition and components including explosives components, receives, issues and inventories same type of material.

Experience Required: At least two years of progressively responsible experience in moving, storing, receiving, etc. various ammunitions and components.

# **Ducey Tonite**

Bright new recording star, Tracy Turner, will appear with "The Royal Blues" tonight and tomorrow night at the Acey Ducey Club.

"The Royal Blues," dispensers of the latest top tunes and old standards, will play from 9 a.m. to 1 p.m.

The group is back by popular

'DESERT PHILOSOPHER'-

## Death Valley and 49er Encampment

By "POP" LOFINCK



The first annual 49ers encampment in 1949 was the centennial commemorating the suffering of the Jayhawker Party in crossing Death Valley in 1849.

This column is for the benefit of those who did not get down for the encampment program. It's a sort of reunion for desert dwellers. You meet most of the old timers you've ever known unless they've passed on in the meantime.

The Natural History Museum at the Visitor's Center is educational-showing how Death Valley was formed.

In fact the whole of Death Valley is a Natural History Museum-too much to see in one weekend, but you'll get a start.

Death Valley National Monument is larger than Connecticut, Delaware and Rhode Island combined-larger than Mas-

It is almost 3,000 square miles, exceeding in size all National Parks in the United States, except Yellowstone. You'll enjoy meeting John A. Aubuchon, superintendent of the Death Valley Monument.

The lowest point in the Western Hemisphere is Badwater. 282 feet below sea level. Telescope is the highest point in the Monument, 11,045 feet above sea level-only 80 air miles from the 14,496 foot Mt. Whitney near Lone Pine. So Telescope Peak is quite impressive.

I like to just sit and gaze at the colorful scenery on both sides of the valley.

Watching the ever changing symphony of beatiful colors is an experience you won't soon forget—relaxing too.

There are some good books on Death Valley you should read before you go-so you will see more.

Among the best is a 16 page booklet "Death Valley National Monument," put out by the United States Department of the Interior, National Park Service. It can be had at the Death

Another, in most libraries, is "The Bighorn of Death Valley" by Ralph E. Wells, Park Naturalist, National Park Service, and Florence B. Wells, National Park Service Collaborator.

Others-"Desert Country" by Edwin Corle; "Death Valley and Its Country" by George Palmer Putnam, and "California Deserts" by Edmund C. Jaeger.

The regular season in Death Valley is from October 15 to

A 20 minute illustrated program is given in the auditorium every hour. Illustrated talks are given nightly. According to the National Park Service mastodons, camels,

llamas, horses, cats, peccaries and birds made tracks in the basin muds possibly as long as 10 million years ago. A sinking of the Death Valley basin has continued to deepen

Death Valley in recent years. Ubehebe Crater is the result of a series of explosive eruptions which built up a cone with a crater one half mile wide and 800 feet deep. The eruption is believed to have occurred from 1000 to 2000 years ago and scattered volcanic ash for a radius of 3 miles from the crater. Smaller craters just south of Ubehebe are perhaps only 200 to 300 years old.

Death Valley once contained a lake 100 miles long and 600 feet deep. The shore lines are visible.

People come all the way from Europe and across the United States to visit Death Valley. And yet I've talked to individuals living on the Station for several years who haven't been to Death Valley yet-only 125 miles from the south gate of the Base to Furnace Creek Ranch by way of Townes Pass.

Probably because it's so close. That's human nature.

VIEW FROM ZABRISKIE POINT - Panoramic view from Zabriskie Point shows sculptured golden alluvial fans of infinite

variety in Death Valley with Manly Beacon in foreground silhouetted against Panamint Range. -Photo by William Fettkether





TREASURER SUE BURG turns over more than \$8500 to M. Van Reed, 1965 Combined Federal Campaign chairman.



A QUALITY STEP INCREASE is earned by Paul J. Heckman, Jr., Physicist (Electronics) in the Detection and Classification Branch of the Systems Operations Division, UOD. Originally from San Diego, Paul received his B.A. degree in Physics from San Diego State. He joined NOTS in June 1960.

### PROMOTIONAL **OPPORTUNITIES**

To apply for vacancies, con- and electro-mechanical manu-Personnel Division, Extension 46 torpedo. 492. A current SF-58 must be submitted when applying.

signment involves mechanical diesel engines.

tact Nancy Reardon, Pasadena facturing problems of the MK

Diesel Engine Mechanic: Hourly Salary Range: \$3.28 to \$3.56; Code P7154. Duty Sta-Industrial Engineering Tech- tion: San Clemente Island. Opnician, GS-11, PD. 36004, Code erates, maintains, inspects, P5514 - Provides advice and troubleshoots, overhauls, and assistance to technical person- tests diesel - electric power nel on manufacturing process- plants and their various comes and production feasibility of ponents and systems. Performs ordnance items. Current as- major overhauls and repairs of

M. Van Reed, Chairman of the Combined Federal Cam- bogged down during their final paign, reports that the results contest this year when the of the drive have more than Rabbits of Victor Valley hop-

This one campaign raised over \$8500 compared to last goal the Rabbits rambled to year's contributions of \$4,578 the BHS 17 yard line before the for the three separate Burros gridmen were able to

insure its success.

The greatest share of the to get the Rabbits on the score credit for establishing this fine board with a field goal, but the record goes to the keymen- kick was low and fell into the Vera Hickey, Sue Burg, Mar- end zone. Burros took over on garet Kaa, Leif Larsen, Lt. C. their 20 yard line, but were un-D. Stender, Chief McGee, En- able to penetrate the Rabbits sign Van Pelt, Dick Batters, defences, and David Bittel Glenn Thorson, Kirk Dyer, punted from his 17 yard line Jerry Harmon.

Alean Anderson, Jane Ing- ball was blown dead on the ham, Ed Thomas, Nancy Rear- BHS 40, where Victor Valley don, Verna Kapal, Ralph Fer- took over. They scampered guson, Lester Davis, Nora Lee, to the 34 yard line in four Helen Melger, Stan Seeberg, plays; and on the fifth Dave Donna Baker, Esther Alles, Robinson rifled the ball to Betty Watkins, Harry Paulson. George Struebing, who gal-

Phyllis Cloud, Dick Allman, loped over for the first six Jim Martin, Carol Brinley, Eldon Dunn, Carl Runge, Richard Uhrich, Howard Wheeler, to puncture the Rabbits line Norm McDonald, Eleanor and blocked the extra point. Page, Jim Alsup, Mike Slivkov, Art Grenier, Lee Fuller, and Ray Hanson.

Their enthusiasm was transmitted to all hands and resulted in an unprecedented response to the appeal.

A special word of thanks goes to Sue Burg who served as an excellent treasurer.

## Three Tied For Second

BY RAY HANSON

night bowling league went into its 10th week.

second place. So far, the AstroNOTS have won 25 and lost 15, while the next-best threesome all boast 24-16 marks.

High scores for the week are as follows: team series, Black Cats, 3019 (a new season high); team game, Hunees, 1056; men's series, Ed Karig, 678; men's game, Bernie Silver, 257; women's series, Melodee Monaghan, 627; women's

## **Aglow With Pride**

(Continued from Page 6)

Elizabeth Farina walked off with first, second, and third place for her posters.

Purchase Division poster winners: A joint project by Joe Diaz and Judy Ward paid off with first place for their poster. Second place went to Kay Strapp, and third place to Thelma Calopedis.

When you change from driver to pedestrian—that is, get out of your car-be sure to check for approaching traffic before you open the door to step out. Too many people have made the fatal mistake of reversing the procedure.

## **Burros Hunt Rabbits** In Final Grid Battle

By MIKE TAYLOR

The Burros pigskin toters justified the efforts made to ped to a 19 to 13 victory on Friday, November 19.

On their first drive to the

hold them. Dave Robinson tried on the fourth down. The footpoints, 13 to 19.

During the second quarter Burros and Victor Valley were unable to penetrate each other's defenses long enough to get a scoring offensive go-

Victor Valley got the third quarter off to a flying start as they took the kick-off on their 24 yard line and clicked off ground gainers and pass completions to score. Wade Weaver bulled his way into the end zone from six yards out, giving

Jim Goforth pulled in the cliff-hanging AstroNOTS from turn to the 36 yard line of low as the NOTS Wednesday 34 yards later John Ayres took nounced this week. the hand-off and bucked the Rabbits goal line defense to The Hunees, Sphinks, and score from the two yard line; main open until 8:30 p.m. on Quiet Five were all tied for making the score BHS 6-VVHS 12.

flipped a 10 yard pass to Don what you preach?

Atkinson for the extra point making it BHS 6-VVHS 19.

Shortly after the start of the fourth quarter, the Burros drove 99 yards to score after Duke Martin intercepted a Rabbit pass on the BHS one yard line. John Manger, BHS quarterback, called the play, giving the ball to Steve Metcalf who plunged for five yards and John Ayres who broke loose for seven more to get the Burros out of the hole.

Burros continued to click off gainers as they moved to the Rabbit 27. John Manger then rolled to the right, flipping the pigskin to Steve Metcalf in the right flat, where he broke away to score. John Martin split the uprights for the conversion. Burros now only trailed by six

Victor Valley tried to run out the clock and Burros didn't get the pigskin back until the Rabbits punted it to the BHS 9

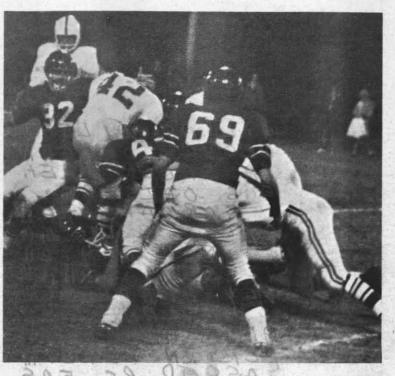
Waning Moments-With only points of the game. Bill Byrd, 11/2 minutes left on the clock Burros line backer, managed and no time outs left, John Manger gave the ball to Steve Metcalf who went to the BHS 49 yard line on an end sweep. John then went to the air, but to no avail, as the first pass was incomplete, and the Rabbits hopped the Burros line to throw Manger for a loss on the 29 where the gun sounded, ending the game.

### Outdoor Shop And Retail Store To Be **Open Friday Nights**

The Navy Exchange Outdoor the Rabbits a 12 point advant- Shop and Retail Store will be open Friday nights until 8:30 p.m. from Nov. 26 through Dec. kick-off on the BHS 15 yard 17 to accommodate our patrons One game separated the line and made a sizzling re-during the Christmas shopping season, Lt. Earl F. Mouton, the rest of the baying pack be- Victor Valley. Ten plays and Navy Exchange Officer, an-

> To accommodate late, late shoppers, both facilities will re-Thursday, Dec. 23, he added.

Get tired bawling out the Lewis Delgo, of Victor kids for not picking up their Valley, took the Burros kick- toys or leaving their clothes off on his 23 and broke through strewn here, there and everythe defenders to go 77 yards where? How about your own for a touch-down. Irving Pifer workplace? Do you practice



MIKE CHARLON, BHS linebacker, brings down Dave Robinson, Victor Valley QB (No. 42), as Bill Byrd (No. 32), and David Bens (No. 69), also of BHS, come to his assistance.

Press Service material. All are official U.S. Navy photos unless otherwise identified.

The Rocketeer

Official Weekly Publication

U. S. Naval Ordnance Test Station China Lake, California

Capt. John I. Hardy, USN

"J." Bibby

Public Information Officer

Frederick L. Richards

Staff Writers

John R. McCabe

Staff Photographer

Jerry Williams, PH1; Robert Hancock, PH2;

Dennis Smith, PH3; Jerry Willey, PHAN;

DEADLINES:

Printed weekly with appropriated funds in compliance with NavExos P-35, revised July 1958. Office at 50 King St., Bidg. Fellowship Meeting—Sundays, 7:30 p.m. Sunday School—10:45-11:45 a.m. 00929. Phones - 71354, 71655, 72082.

...Tuesday, 11:30 a.m.

first and third Saturday.

DIVINE

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) lo-

Holy Mass-7, 9:30 a.m., and 5:30 p.m.

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

Confessions-8 to 8:25 a.m., 6 to 8:30

p.m., Saturday; Thursday before First Friday, 4 to 5:30 p.m.

NOTS Jewish Services (East Wing All Faith

Chapel)-8 p.m. every first and third

Sabbath School-10 a.m. to noon, every

Unitarian Fellowship (Chapel Annex No. 95,

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

Roman Catholic (All Faith Chapel)-

Protestant-(All Faith Chapel)-

a.m., Saturday.

85 King Ave.)-

SERVICES

ment something the control of the first to be sorred on new chinaware. Havy emphasizes good entered for the ment.

# Pasadena Supply Office Bursting With PRIDE

ROCKETEER

# **NOTS Pasadena**

VIRGINIA E. LIBBY — EXT. 638





SLOGAN SWEEPSTAKES WINNER, Evelyn Eckard, is attended by Cdr. H. F. Burns, Associate Director of Supply at Pasadena (I), and Capt. P. W. Jeffrey, Director of Supply, China Lake.

SPECIAL HONORS for Elizabeth Farina and Virginia Banister (below, I-r) for outstanding overall contribution to the program. They exemplified pride not only in their daily work but by their enthusiastic effort in the Pasadena PRIDE Program. Elizabeth in the Supply Div. and Virginia in the Purchase Div. inspired many to enter the contest with slogans and



POSTER SWEEPSTAKES WINNER, Elizabeth Farina, shows her poster to Capt. G. H. Lowe, Officer in Charge, Pasadena, First and third posters on wall in background are Elizabeth's other prize winning posters in the Supply Division Contest.

ing the PRIDE program.

"PRIDE" (Personal Respon-

sibility In Daily Effort) is the

acronym used for NOTS effort

PROUDLY DISPLAYING their entry which took first place in the Purchase Division (at left) are Judy Ward and Joe Diaz. This was a particularly outstanding accomplishment since a total of 45 posters were submitted from the Purchase Division. Pride in their work extended to their original poster entry.

recently in the Pasadena Supply Office, creativity ran a close second. Talent galore came to light as multitudes of awards were presented for originality

in slogans and posters depict- in the nationwide Zero Defects Program, initiated to encourage individuals to take pride in their work, thereby eliminating errors and striving for perfection.

Cdr. H. F. Burns, Associate Director of Supply at Pasadena, was assisted in presentation of awards by Capt. G. H. Lowe, Officer in Charge, Pasadena; and Capt. P. W. Jeffrey, Director of Supply, China

Ensign David A. Mather, Assistant to the Director of Supply, Pasadena, was given special recognition for an excellent job of coordinating the program at Pasadena.

Virginia Banister and Elizabeth Farina were given special honors for their outstanding overall contribution to the program.

Capturing the coveted Sweepstakes awards were Evelyn Eckard's slogan and Elizabeth Farina's poster.

Supply Division and Purchase Division entries were judged separately.

Supply Division slogan winners: First place for her slogan, "Do Ordinary Things Extraordinarily well," was awarded to Evelvn Eckard. Second place slogan winner for, "P - Personal devotion to duty, R .- Responsibilty, I-Indicates a, D - Drive for total, E-Effectiveness, was won by Jeanne Hardin. Third place slogan award went to Mary Danaha for her original thought on, "P-R-I-D-E in action is PRO-GRESS in motion."

Purchase Division slogan winners: Elayne Colson captured first place for her slogan, "Pride is the cornerstone of craftmanship." Judged second best was Diana C. Hall's, "Pride of Workmanship is the trademark of success." Taking third place was Jo Ann Dalton for, "Effective production is an extension of pride in one's

Supply Division poster winner: Leaving no doubt here,

(Continued on Page 7)





ENSIGN D. A. MATHER, Coordinator for Pasadena's Project PRIDE, congratulates slogan and poster winners (I-r)—Sara Finkler accepts award for Purchase Division second place slogan winner, Diana Hall (not present); Evelyn Eckard, first place slogan winner in Supply Division and Sweepstakes winner; Jo Ann Dalton, third place slogan in Purchase Division; Elayne Colson, first place

slogan in Purchase Division; Kay Strapp, second place poster winner in the Purchase Division; and Mary Danaha, third place slogan winner in Supply Division. Also not present were Jeanne Hardin, Supply Division's second place slogan winner; and Thelma Calopedis, third poster winner in the Purchase Division. Winners were presented with PRIDE plaques.

### MEET -Your Councilman

offered by the Rocketeer to better acquiant residents with new Community Council precinct representatives .



**DAVID JOHANSON** 

Precinct 1 representative to the Community Council is David Johanson, a Propulsion Development Department em-

He came to NOTS in June, 1960, under the Junior Professional Program, shortly after receiving his B.S. degree in mechanical engineering from the University of Nevada.

Since his tenure here he has been involved in a variety of technical development programs and has served as project engineer on the retrofix and modernization effort on conventional free-fall weapons. He is presently employed with Code 45's Weapon Systems Branch.

In addition to an avid interest in community affairs, Dave finds to assist in coaching IWV Swim Team and pursues educational opportunities offered under the UCLA extension program.

Dave is married to the former Martha Ann Folsom of Sacramento. They have six children and reside at 609 Kearsarge.

They stagger baby-sitting chores so Martha can attend courses at Bakersfield College Desert Division and Dave his UCLA classes.

# BHS Student Uses Embryo Chicks in Study

egg, and beyond.

and groups.

The Association may lay claim to a large measure of support and encouragement, beginning last June at its "Science On A Shoe-string" banquet and honors program held in Bakersfield.

"I got the basic idea for this experiment at the program," Marie says. "The Heart Association also agreed to sponsor my Independent Study work, and they have given me a \$31 grant to help in my expenses. I had no idea I would ever receive that grant!"

"Rosie made her own into make them herself."

She has equipped her incubator with light bulbs in sand-filled cans for safe heat, a \$3.50 thermostat from a local general supply store, and an electric fan. Drs. St. Amand and Von Heune, who are following her work, helped her

(Continued from Page 1) approximately 33-hour period before heartbeat starts in each

Rose Marie's advanced science their son, Kevin, 5, and project are several individuals daughter, Kelley, 3, at 322

Lending personal encouragement and specific assistance are her father, Russel A. Coslett, of the Engineering Department's Design Disclosure Branch; Dr. Pierre St. Amand and Earth and Planetary Sciences researcher Dr. Roland Von Heune, whose laboratory space he donated; Fredrick McPherson, Marie's Burroughs High School science professor, who helps guide her experiments; Barstow heart surgeons Drs. S. W. French and Max Dubin, who aid in guidance; and the American Heart Association of Bakers-

cubator from plywood and glass, and equipped it with her own temperature and control devices," says Mr. Coslett. "She couldn't find all the materials and tools she needed for her work, so she has done a lot of work around the house

(Continued on Page 8)

# 'Bluejacket of the Month'

(Continued from Page 1)

ROCKETEER

Squardon Five where he had asked to be assigned because he had heard of the challenging work being performed here.

He resides with his wife. Diane, who he met in high Supporting and assisting in school in Porterville, Calif., and

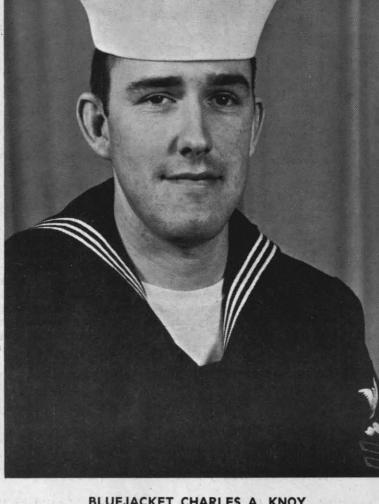
> The Knoy's find living at China Lake interesting and are delighted that they are close enough to their home town of Porterville to visit both their parents about once a month.

> "I really enjoy my work at VX-5 due to the fact that I am assigned to special projects. The squadron does a very important job." Knoy says, "it's different than any work I have done on maintaining aircraft instruments and special instruments."

His Division Officer, Lt. Lee Thornburgh, Avionics / Weapons Officer was high in his praise for Knoy. He said, "I am most favorably impressed by Knoy's work and attitude. As an aviation electrician he is a capable, persistent and intelligent worker with exceptional potential for advancement."

Charles and Diane will be

the Haberfelde Ford Agency Navy-man upon arrival.



BLUEJACKET CHARLES A. KNOY

hosted by the Greater Bakers- while in the city, and accomfield Chamber of Commerce modations and meals provided for the weekend beginning Fri- by the Ramada Inn. In addition day afternoon, December 3. a hospitality packet containing Bakersfield hospitality in- gift certificates from local mercludes a new car to drive from chants will be presented to the

### LBJ Says Okay on Space 'Hikes'

Washington- President completion of a space flight. Johnson has approved a policy It was noted that any grade whereby each military astronaut will receive a one grade the grade of colonel or Navy promotion following an initial space flight.

The President also approved

promotions cannot go beyond captain.

Military decorations associated with space flights will be awarding of the National Aero- determined on an individual nautics and Space Administra- basis, the policy explains, con- Morrison-Never Loose Heart. tion (NASA) Medal for Excepsistent with general policy gov-Rivlin-The First Years In tional Service or a cluster to erning the award of traditional College each Gemini astronaut after military decorations. (AFPS)

### STATION LIBRARY LISTS NEW BOOKS

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

Beardsley-Guam, Past and Present. Dixon-The Complete Book of

Surfing.

Gardner-In Pursuit of World Order. Hinkel-Arlington: Monument

James-The American



MOM, WE HAVE DISHES NOW-Capt. Leon Grabowsky, Executive Officer, and Cdr. William J. Snyder, Assoc. Director of Supply, are the first to be served on new chinaware

at the NOTS General Mess. Gleaming china has replaced the old compartment trays, imparting a home like dining atmosphere. The Navy emphasizes good messes for its men.

## GENERAL MESS MENU

FRIDAY, NOV. 26

with chopped eggs, creole hominy, seafood cocktail sauce, salad bar, butter

scotch pie. S-Grilled cheeseburgers, French fried potatoes, fried onions, stewed tomatoes, salad bar, chilled pears, nut cake.
SATURDAY, NOV. 27 B-Cereal, fruit, breakfast steak, fried eggs,

waffles, syrup, fruit juice. 1000 ADD: French onion soup, salad sandwiches, macaroni salad, salad bar, ice cream, fruit juice 1000 OMIT: Breakfast steak, syrup,

S-Grilled pork chops, potatoes patties, onion gravy, lima beans, okra and tomatoes, salad bar, bread pudding, orange sauce.

SUNDAY, NOV. 28 B-Cereal, fruit bacon slices, fried eggs, 1000 ADD: Pepper pot soup, grilled ivice, ice cream. 1000 OMIT: Bacon slices, waffles,

S-Beef and veal loaf, O'Brien potatoes, tomato gravy, broccoli, cauliflower, fruit jello, salad bar, whipped cream. MONDAY, NOV. 29 B-Cereal, hot farnia, fruit, mince beef on

toast, hash brown potatoes, French toast, chain twist. D-Vegetable soup, pot roast of beef, natural gravy, potato patties, scalloped corn, salad bar, apple pie.

mashed potatoes, wax beans, hot bis-

5-Chicken noodle soup chicken ala kina

B-Cereal, fruit boiled hominy scrambled eggs, pork sausage links, jelly filled doughnuts. pea soup, baked Virginia ham, baked sweet potatoes, raisin sauce,

Italian meat sauce, boiled spaghetti. spinach, salad bar, lemon pound cake, ice cream, garlic bread.

Brussels sprouts, salad bar, pineapple

WEDNESDAY, DEC. 1 B-Cereal, fruit, hot oatmeal, griddle cakes, bacon slices, syrup, iced Danish

D-Cream of tomato soup, Swiss beef steak, brown gravy, mashed potatoes, , salad bar, cherry pie. peas, salad bar, cherry pie.

5—Beef barley soup, grilled frankfurters, boiled potatoes, German sauerkraut, W/K corn, salad bar, peanut butter-

THURSDAY, DEC. 2 B-Cereal, fruit, hot farina, baked corn-beef hash, soft or hard boiled eggs, quick coffee cake with streusel topping.

D-Navy bean soup, roast leg of pork, lima beans, salad bar, chocolate eclairs. noodles, green beans, salad bar, co FRIDAY, DEC. 3

B—Cereal, fruit, hot oatmeal, ham slices, cheese omelet, hash brown potatoes, MENU SUBJECT TO CHANGE



ENGINEERING DEPT. 20-YR. PINS-Ten of 16 Engineering Dept. employees have earned NOTS' 20-year pins while six have earned both 20-year NOTS and Federal Service pins. Awardees (seated, I-r) are Johnnie I. Ross, NOTS & FS; Helene Frederick, NOTS; Helen L. Powers, NOTS & FS; Crystal Rampy, FS. Standing (first row, I-r) Francis L. Carlisle, NOTS & FS; Harold W. Munn, NOTS; John L. Cox, who made presentations; Victor Casados, John C. Rambo, Floyd Furnish, all NOTS. Standing (second row, I-r) Clarence Jeffries, NOTS & FS; James C. Gray and George Harrigal, FS; Peter Nicol, Russell N. Skeeters, Thomas E. Talley, and Walter F. Kowalski, all NOTS.



COMPLETE JP TRAINING - John L. Cox poses with five Junior Professionals who have completed their training with the Engineering Dept. Recipients of certificates (I-r) are Diane M. Thompson, graduate of

UC at Riverside; Leon M. Underkofler, University of Wisconsin; Richard A. N. Larson, CalPoly at San Luis Obispo; L. Wayne Doucette, San Jose State College; Vernon A. Anderson, Montana State College.



QUALITY STEP INCREASE-"J" "T" Bibby presents Frederick L. Richards a quality step increase for his consistently exceptional performance for assistance to the Public Information Officer from June through October.



RECEIVE LETTERS OF COMMENDATION - Carl Flagg, Artisan Development Branch head, Personnel Dept., presents Letters of Commendation to Robert A. Wall of the Engineering Dept. and Jack D. Whitfield of the Personnel Dept. Men were cited for development and coordination of Solderfication Course in the Journeyman and Technician Training Program. Wall came to NOTS in Nov., 1964, from Associated Designers, Inc., at the Massachusetts Institute of Technology. Whitfield, a graduate of Burroughs High and the NOTS Apprentice Program, teaches electrical trade theory in the NOTS Training Program. and the wind of the register of

# China Lake Personnel Garner Service and Incentive Awards





HAROLD T. ESPENLAUB (left) receives his 30-year Federal Service pin from LCdr. R. C. Clasen, Security Officer. Now a fireman, he came to NOTS in 1950. Among Espenlaub's previous occupations, of which firefighting is favorite, have been citrus farming and processing, telephone lineman and electrician. He has also served in both Army and Navy. With wife, Oleta, and Norman, one of two sons, he lives at 303-B Independence. Norman is in 7th grade at Murray School, and son Lloyd now is serving in the Navy at Guantanamo, Cuba.



22-20 AWARD—Albert S. Gould (I), consultant for Weapons Planning Group, receives both NOTS and Federal 20-year pins from Carl L. Schaniel, head of the Planning Group. Gould was head of the Rocket Ordnance Div. of old Rockets and Explosives Dept. before transfering to Office of the Commander from Central Staff on Aug. 12, 1952.

FOR 20 YEARS FEDERAL SERVICE-Capt. H. J. Hartman, Public Works Officer (center), presented 20-year Federal Service Pins to the following Code 70 personnel: In front row (I-r) are Zeleon Johnson, Kendrick Hobbs, Searcy Brown, Robert Roberts, D. D. Richards and Adrian Mitchell. In back row are John Palaski, Gordon Hannon, Myron Scovil. E. E. Burkholder, Howard Cardwell, Alfred Woods, John Robison and Paul Walker. Not present for Federal pins were W. Ottomeier, Harold Cash, Eugene Griffin and Clarence Hardell. Absent for presentation of NOTS pins were Mary Schroeder and Rulon Hatton.



PUBLIC WORKS PIONEERS — The men above came to work at NOTS 20 years ago in 1945. Receiving NOTS pins from department head Capt. H. J. Hartman (front, cen-

ter) are (front, I-r) Glenn Yeager, Zeleon E. Johnson and Harold South. In back row (I-r) are Harry Simpson, Howard L. Cardwell, Robert Roberts, Jr., and Reuben S. Brown.



SECURITY HONORS — For 20 years NOTS and Federal Service, LCdr. R. C. Clasen, Security Officer (r) presents pins to (I-r) Alonzo Pena, Security; Emmett Miller, Fire Capt.;

Helen M. Kelly of Internal Sec. Br.; Roy D. Carter, Fire Crew Chief; and Samuel W. Beach, Firefighter Driver Operator. All' joined Federal service in 1945.



**ACHIEVEMENT AWARDS—Troop 41 Scouts** receive achievement awards at a Court of Honor held at Richmond School. Shown (front row, I-r) are: Dana Walker, Tenderfoot pin; Craig Strommen, Merit Badge, Art; Edward Benton, III, First Class award; Andy Hinz, Life Scout emblem; Mike Lakin, First Class; Scott Fifer, Second Class; and Wayne Shull, Second Class. Rear: Assistant Scoutmaster A. W. Hinz; Mike Kamimoto, Merit Badge, Reading, and three-year Scouting pin; Tracy Fifer, Merit Badge, Hiking and Canoeing, and three-year Scouting pin; Roger Barker, Merit Badge, Hiking; Mike Shefler, Merit Badge, Scholarship, and three-year

Scouting pin; and Scoutmaster Richard E. McLaughlin. A Merit Badge for completion of requirements in Reading went to Eric Haseltine who was not present for the photo. Receiving pins (not pictured) for three years of scouting were Don Blurton, Eric Haseltine, Jim Viellenave, Don Wheeler, and Neal Hicks. Two-year pins-Don Chudzinski, Don Heeke, Bruce McLaughlin, Nelson Sorbo, and Gary Peacock. One-year pins-Monty Blurton, Lynn Drew, Meric Murphy, Tim Silberberg, Paul Viellenave, and Richard Sound. Troop 41 is sponsored by China Lake All-Faith Chapel. Congratulations go to all for their achievements.



LIFE SCOUT-Andy Hinz, Troop 41, receives Life Scout emblem for completion of the last step before Eagle rank. Happy mother Mrs. A. W. Hinz pins on the emblem while dad watches proudly. Ceremonies took place at a Court of Honor held recently at Richmond School. Troop committeeman Robert G. Langland officiated, assisted by Scoutmaster Richard E. McLaughlin and Assistant Scoutmaster



20-YEAR PIN-Barbara Kasal, Head of Central Staff's Disbursing Division, admires 20-year pins, federal and NOTS, being presented to her by R. W. Bjorklund, Head, Central Staff. Left and right, M. B. Sorge, Acting Associate Head of Staff and Lt. (jg) W. J. Bergeron, SC, Disbursing Officer offer their congratulations. Barbara came to NOTS in June 1945, and has held her present position since 1951. All federal service has been with NOTS.