

BHS Student Uses Embryo Chicks

(Continued from Page 3) with other necessary instruments.

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 Strippers junior nursing organization has helped prepare her for this requirement.

She joined the Candy Strippers 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 operation—a bystrectomy—that took several hours. It was the first one I had seen, and I really enjoyed the experience."

Marie now serves as the Candy Strippers' 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 for her.

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

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

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 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 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 NoLols recorded a 2570 series.



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

FRI. NOV. 26
"VON RYAN'S EXPRESS" (117 Min.)
Frank Sinatra, Trevor Howard
6 and 8:15 p.m.
(War/Drama in Color) Prisoners-of-war gamble their lives on the plan of an Air 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.)

SAT. NOV. 27
—MATINEE—
"KATHY 'O'" (99 Min.)
1 p.m.
Short: "Southern Fried Hospitality" (7 Min.)
"Gunfighters of the Northwest" (25 Min.)

SUN.-MON. NOV. 28-29
"THE BRASS BOTTLE" (89 Min.)
Tony Randall, Barbara Eden, Burt Ives
7 p.m.
(Comedy in Color) Unappreciated architect inherits 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.)

TUES.-WED. NOV. 30-DEC. 1
"WHAT'S NEW PUSSYCAT?" (108 Min.)
Peter Sellers, Romy Schneider, Peter O'Toole
7 p.m.
(Comedy in Color) Wackiest, rauciest comedy of the year! Four beautiful dolls continually chase O'Toole as Sellers chases one of them, and his wife chases and the sexy parochialist set sights on O'Toole. Only the broad-minded won't blush! (Adult.)

THURS.-FRI. DEC. 2-3
"I SAW WHAT YOU DID" (82 Min.)
John Ireland, Joan Crawford
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.)

SAT. NOV. 27
—EVENING—
"THE BRASS BOTTLE" (89 Min.)
Tony Randall, Barbara Eden, Burt Ives
7 p.m.
(Comedy in Color) Unappreciated architect inherits 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.)

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.



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 4.

The Whaley home will be decorated throughout for the event with original creations made by a large committee under the direction of Mrs. Frederick L. Richards for the Oasis Garden Club—sponsored tea.

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 Saturday.

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 information.

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.

CROSSWORD PUZZLE

Crossword puzzle grid with clues for Across and Down. Includes a small puzzle titled 'Answer to Previous Puzzle'.

Large crossword puzzle grid with clues for Across and Down.

Pt. Mugu Pilot Scores Bullseye Here With Bullpup

The first perfect bullseye in 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 27.

"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 Farnborough, England, last year, he arrived at the Naval Missile Center, Pt. Mugu, last January, was rechecked in Navy craft, and was flying by March.

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 for discussions with Systems Development Department personnel, including Jim Glaviano, project engineer for Bullpup testing here.

Bullpup is a visually tracked command solid propellant rocket.

The 11-ft. long, 1-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 speeds, Bullpup is an effective answer to enemy gunfire and difficult terrain.



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.

BHS Co-ed's Medical Research Based Here



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

Marie Coslett Uses Embryo Chicks in Study

By JOHN R. Mc CABB

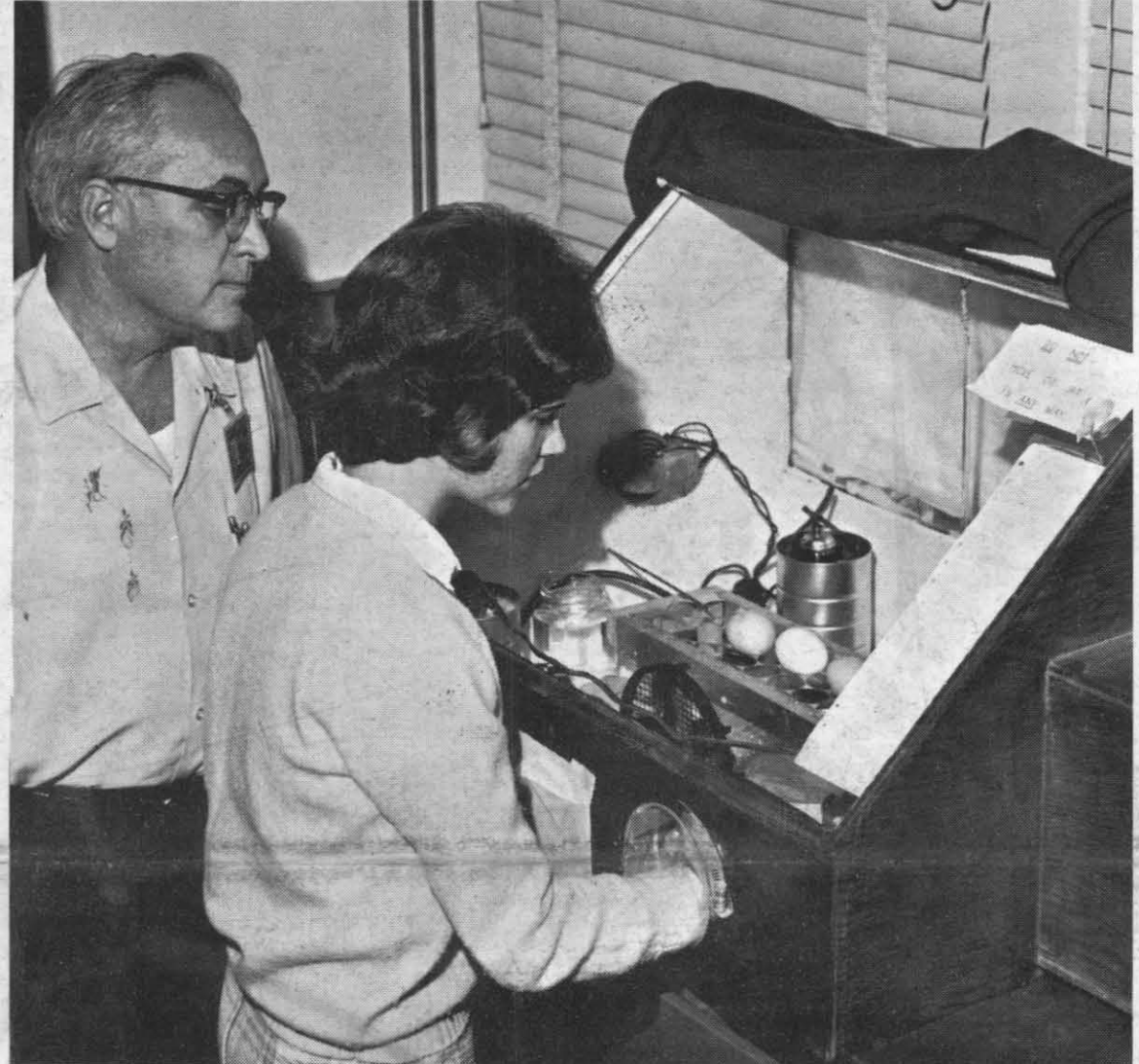
In her hopes, she's a future thoracic surgeon, but every afternoon—and usually late into the night—Rose Marie Coslett, 17 years of age, one of six Burroughs High School students engaged in the school's "Independent Study" program, is hard at work on her project of studying the effects of tranquilizers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

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 inoculated and incubated nearly 300 freshly laid eggs in eight series of tests.

"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 embryos."

Miss Coslett uses a variety of egg types, including a "control" egg not inoculated, 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



TENDING INCUBATOR—Rose Marie Coslett, senior at Burroughs, tends environment of inoculated eggs in homemade incubator through interior gloves sealed to outside wall. Father, Russel A. Coslett, of Code 55's Design Disclosure Br. observes. Her "lab," with aid and interest, is care of Earth and Planetary Sciences Div.

VX-5's Charles Knoy Named 'Bluejacket of the Month'

Finds Special Projects Work Challenging Here

"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



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."

Form for placing a stamp, with fields for 'From', 'TO', and 'PLACE HERE STAMP'.

Pasadena Supply Office Bursting With PRIDE

NOTS Pasadena

VIRGINIA E. LIBBY — EXT. 638

Although "PRIDE" was the theme of the festivities held 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 depicting the PRIDE program.

"PRIDE" (Personal Responsibility In Daily Effort) is the acronym used for NOTS effort

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 Lake.

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 Evelyn Eckard. Second place slogan winner for, "P — Personal devotion to duty, R — Responsibility, 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 PROGRESS in motion."

Purchase Division slogan winners: Elayne Colson captured first place for her slogan, "Pride is the cornerstone of craftsmanship." 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 work."

Supply Division poster winner: Leaving no doubt here,

(Continued on Page 7)



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



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.

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.

SPECIAL HONORS for Elizabeth Farina and Virginia Banister (below, l-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 posters.



ENSIGN D. A. MATHER, Coordinator for Pasadena's Project PRIDE, congratulates slogan and poster winners (l-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

This is the first in a series offered by the Rocketeer to better acquaint residents with new Community Council precinct representatives.



DAVID JOHANSON

Precinct 1 representative to the Community Council is David Johanson, a Propulsion Development Department employee.

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 retrofit 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 IWW 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

(Continued from Page 1)

approximately 33-hour period before heartbeat starts in each egg, and beyond.

Supporting and assisting in Rose Marie's advanced science project are several individuals and groups.

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 Bakersfield.

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 incubator 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 to 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 on Page 8)

'Bluejacket of the Month'

(Continued from Page 1)

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

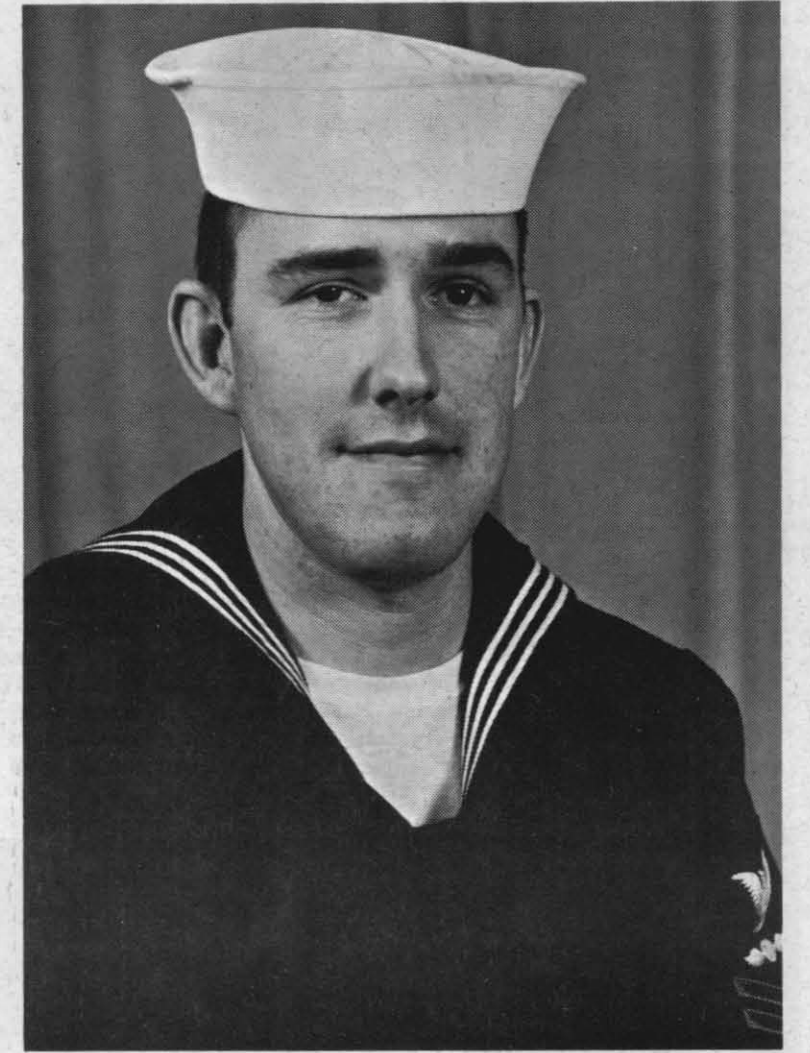
He resides with his wife, Diane, who he met in high school in Porterville, Calif., and their son, Kevin, 5, and daughter, Kelley, 3, at 322 Robalo.

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 hosted by the Greater Bakersfield Chamber of Commerce for the weekend beginning Friday afternoon, December 3. Bakersfield hospitality includes a new car to drive from the Haberfelde Ford Agency while in the city, and accommodations and meals provided by the Ramada Inn. In addition a hospitality packet containing gift certificates from local merchants will be presented to the Navy-man upon arrival.



BLUEJACKET CHARLES A. KNOY

while in the city, and accommodations and meals provided by the Ramada Inn. In addition a hospitality packet containing gift certificates from local merchants will be presented to the Navy-man upon arrival.

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 To Heroes.
- James—The American Plutarch.
- Morrison—Never Loose Heart.
- Rivlin—The First Years In College.
- Weeks—Ice Island.

LBJ Says Okay on Space 'Hikes'

Washington—President Johnson has approved a policy whereby each military astronaut will receive a one grade promotion following an initial space flight.

The President also approved awarding of the National Aeronautics and Space Administration (NASA) Medal for Exceptional Service or a cluster to each Gemini astronaut after

completion of a space flight. It was noted that any grade promotions cannot go beyond the grade of colonel or Navy captain.

Military decorations associated with space flights will be determined on an individual basis, the policy explains, consistent with general policy governing the award of traditional military decorations. (AFPS)

GENERAL MESS MENU

- FRIDAY, NOV. 26**
- D—Clam Chowder Manhattan, seafood platter, baked milanaise rice, spinach 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, ham salad sandwiches, macaroni salad, salad bar, ice cream, fruit juice.
 - 1000 OMIT: Breakfast steak, syrup, waffles.
 - 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, waffles, syrup, fruit juice.
 - 1000 ADD: Pepper pot soup, grilled cheese sandwiches, potato salad, fruit juice, ice cream.
 - 1000 OMIT: Bacon slices, waffles, syrup.
 - S—Beef and veal loaf, O'Brien potatoes, tomato gravy, broccoli, cauliflower, fruit jello, salad bar, whipped cream.
- MONDAY, NOV. 29**
- B—Cereal, hot farina, 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.
- TUESDAY, NOV. 30**
- B—Cereal, fruit, boiled hominy grits, scrambled eggs, pork sausage links, jelly filled doughnuts.
 - D—Split pea soup, baked Virginia ham, baked sweet potatoes, raisin sauce, Brussels sprouts, salad bar, pineapple pie.
 - S—Minestrone soup, baked meat balls, Italian meat sauce, boiled spaghetti, spinach, salad bar, lemon pound cake, ice cream, garlic bread.
- WEDNESDAY, DEC. 1**
- B—Cereal, fruit, hot oatmeal, griddle cakes, bacon slices, syrup, iced Danish pastry.
 - D—Cream of tomato soup, Swiss beef steak, brown gravy, mashed potatoes, peas, salad bar, cherry pie.
 - S—Beef barley soup, grilled frankfurters, boiled potatoes, German sauerkraut, W/K corn, salad bar, peanut butter-cake.
- 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, brown pork gravy, mashed potatoes, lima beans, salad bar, chocolate eclairs.
 - S—French onion soup, beef pot pie, noodles, green beans, salad bar, coconut bars, ice cream.
- FRIDAY, DEC. 3**
- B—Cereal, fruit, hot oatmeal, ham slices, cheese omelet, hash brown potatoes, glazed doughnuts.
- MENU SUBJECT TO CHANGE**



MOM, WE HAVE DISHES NOW—Capt. Leon Grabowski, 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.



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, l-r) are Johnnie I. Ross, NOTS & FS; Helene Frederick, NOTS; Helen L. Powers, NOTS & FS; Crystal Rampy, FS. Standing (first row, l-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, l-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.

China Lake Personnel Garner Service and Incentive Awards



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 (l-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.



COMPLETE JP TRAINING — John L. Cox poses with five Junior Professionals who have completed their training with the Engineering Dept. Recipients of certificates (l-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.

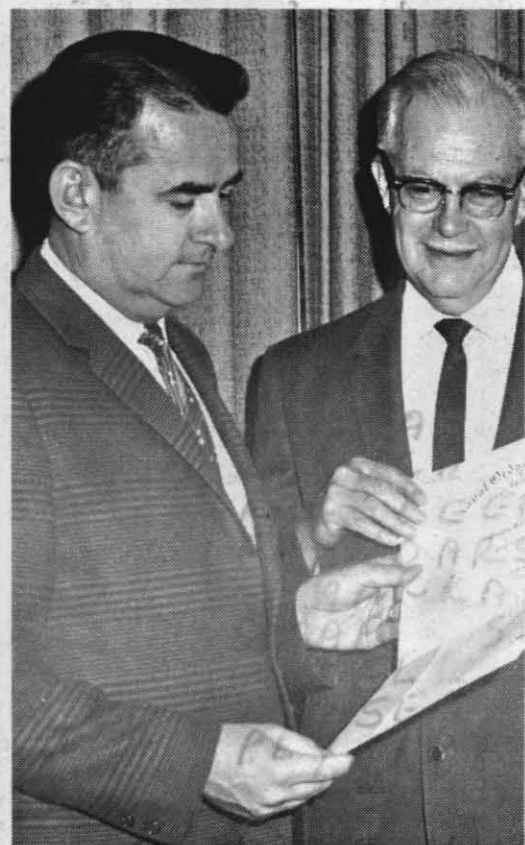


HAROLD T. ESPENLAUB (left) receives his 30-year Federal Service pin from Lcdr. R. C. Clasen, Security Officer. Now a fireman, he came to NOTS in 1950. Among Espenlaub's previous occupations, of which firefighting is favorite, have been citrus farming and processing, telephone lineman and electrician. 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.



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, center)

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



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 Solderification 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.



22-20 AWARD—Albert S. Gould (l), 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 transferring to Office of the Commander from Central Staff on Aug. 12, 1952.



SECURITY HONORS — For 20 years NOTS and Federal Service, Lcdr. R. C. Clasen, Security Officer (r) presents pins to (l-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, l-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 A. W. Hinz.



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.