



FOUR NEW EAGLE SCOUTS of Troop 3 are congratulated by Capt. Leon Grabowsky, NOTS Executive Officer, after he presented the awards to Thomas W. Oshel, Jon A. Oshel, Frederick R. Hulsey and Michael H. Leonard, in ceremony at the Elks Hall in Ridgcrest last Monday. Capt. Grabowsky is an Eagle Scout, too. This was the first time four such awards have been made in same ceremony for Troop 3.

### Amy Is Mighty Thankful

(Continued from Page 1) family truly "blessed." Offer Special Prayers She told this week of her Jewish, Catholic and Protestant friends who offered special prayers for Amy's recovery. Navy Chaplain Mark E. Fite, in a letter to Amy just before her surgery, told the youngster that, "the prayers of all your friends at Prayers School are with you."

taking special care of Tiger," the family's pet cat. Amy's classmates in the second grade at Richmond elementary school sent scribbled notes of greeting and get well cards that today are prized possessions of the spunky youngster. "One can never really assess his riches until misfortune occurs. Our wealth is truly measured in good friends," noted Mrs. Woodman.

Peter, the eight-year-old brother of Amy, bolstered her spirits by assuring her that "I'll be taking special care of Tiger," the family's pet cat. Amy's classmates in the second grade at Richmond elementary school sent scribbled notes of greeting and get well cards that today are prized possessions of the spunky youngster. "One can never really assess his riches until misfortune occurs. Our wealth is truly measured in good friends," noted Mrs. Woodman.

Born on Thanksgiving Day, 1957, Amy has a birthday coming up next week. She's not asking for the bicycle that doctors say she will be able to ride in six months. "I'm saving that for Christmas," she chirped, her brown hair hugging cheeks that once were paled by her illness. Watching their daughter as she chattered about her life ahead, you could see that Allan and Joan Woodman would consider next week's observance the most profound Thanksgiving Day of their lives.

### NOTS' Message

(Continued from Page 1) The Station looks forward to working with the city of Ridgcrest on matters of mutual interest. "Again, congratulations to California's newest city." Sincerely yours, JACK W. HOUGH, Captain, USN Commander (Acting)

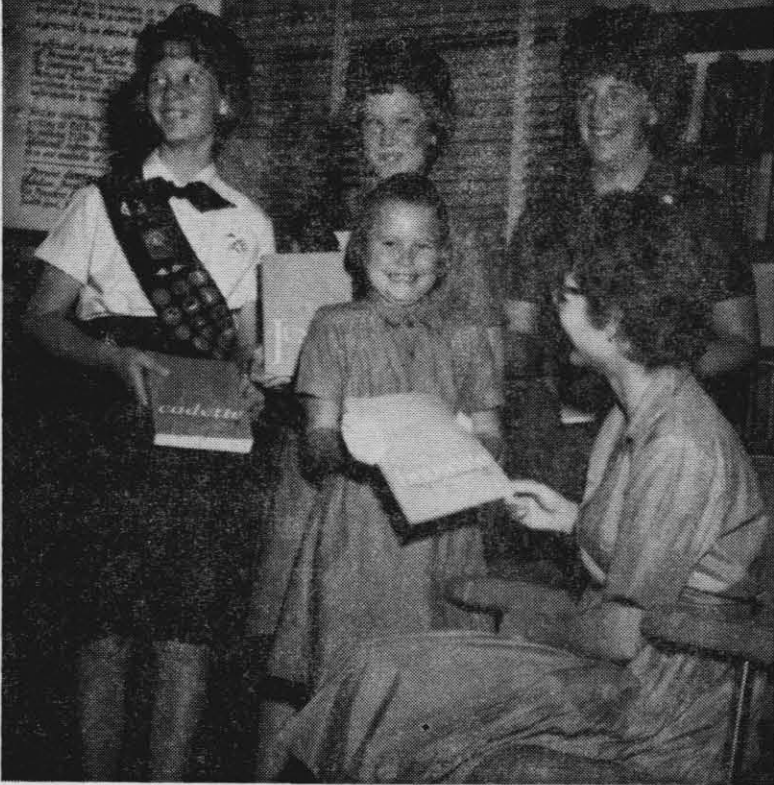
CROSSWORD PUZZLE Answer to Previous Puzzle. Includes grid and clues for Across and Down.

### SHOWBOAT

- FRIDAY "GUN HAWK" (91 Min.) 7 p.m. (Western in Color) Good action entry about a young cowboy who idolizes a famed gunman who doesn't want the lad to also become a reputed "fast gun." A bullet-a-minute special. "Rangers of Yellowstone" (9 Min.) 7 p.m. SATURDAY - MATINEE - "IROQUOIS TRAIL" (85 Min.) George Montgomery 1 p.m. SHORT: "Yankee Doodle II" (7 Min.) "African Jungle No. 7" (16 Min.) - EVENING - "TWICE TOLD TALES" (120 Min.) Vincent Price, Mari Blanchard 7 p.m. (Horror-Drama in Color) A tri-story of "fountain-of-youth" water that brings a beautiful female corpse to life, of a girl whose very touch is poison and of a romantic ghost. Gory supernatural. (Adults and Young People). "HOOTENANNY HOOT" (92 Min.) Brother's Four, Sheb Wooley 7 p.m. (Musical in Color) The country music craze presents the top artists in the field along with a fictional story of a TV director's "discovery" of the pleasantly entertaining purveyors of folk tunes. (Family). SHORT: "Yankee Doodle Mouse" (7 Min.) "Sports, Wacky and Wet" (8 Min.) TUES.-WED. NOV. 26-27 "JOHNNY COOL" (103 Min.) Henry Silva, Elizabeth Montgomery 7 p.m. (Crime Drama) Deported gangster grooms a Sicilian outlaw to carry out a vendetta on the mobsters who caused his New York downfall. Modern gang-war, doublecross and bullets. (Adult). SHORT: "Aqua Duck" (7 Min.) THURS.-FRI. NOV. 28-29 "FURY AT SMUGGLER'S BAY" (96 Min.) Peter Cushing, John Fraser 7 p.m. (Adventure) Swashbuckling action as local fishermen fight a gang of cut-throats who lure ships on to rocks and loot the cargoes. Plunder and clothing sabotee! (Adults and Young People). SHORT: "Three Stooges Scrapbook" (7 Min.) "Green Gold" (9 Min.)

### Free Diabetes Test Offered by Ridgcrest Hospital Tomorrow

This is National Diabetic Week and, in cooperation with other health organizations and as a community service, Ridgcrest Community Hospital will make available a Diabetic Clinic, without charge, tomorrow from 9 a.m. to 1 p.m. to anyone wishing to be tested for sugar content. Hospital Administrator E. L. Harris says, "Persons who want the test made should bring a urine specimen (about one ounce) in a small bottle with their name and phone number attached. Our laboratory will run the tests and notify anyone with positive findings so that they may contact their family physician for further medical evaluation."



AS PROUD AS CAN BE is Terissa Bell, 8-year-old Brownie, as she presents the new Brownie handbook to Station Librarian, Mrs. Maryon Ward. Waiting to present other new handbooks to the library are (l-r) Cadette Elizabeth Ward, Junior Girl Scout Brenda Davis and Senior Girl Scout Patty Sullivan.

### Recreation & Activity Hours

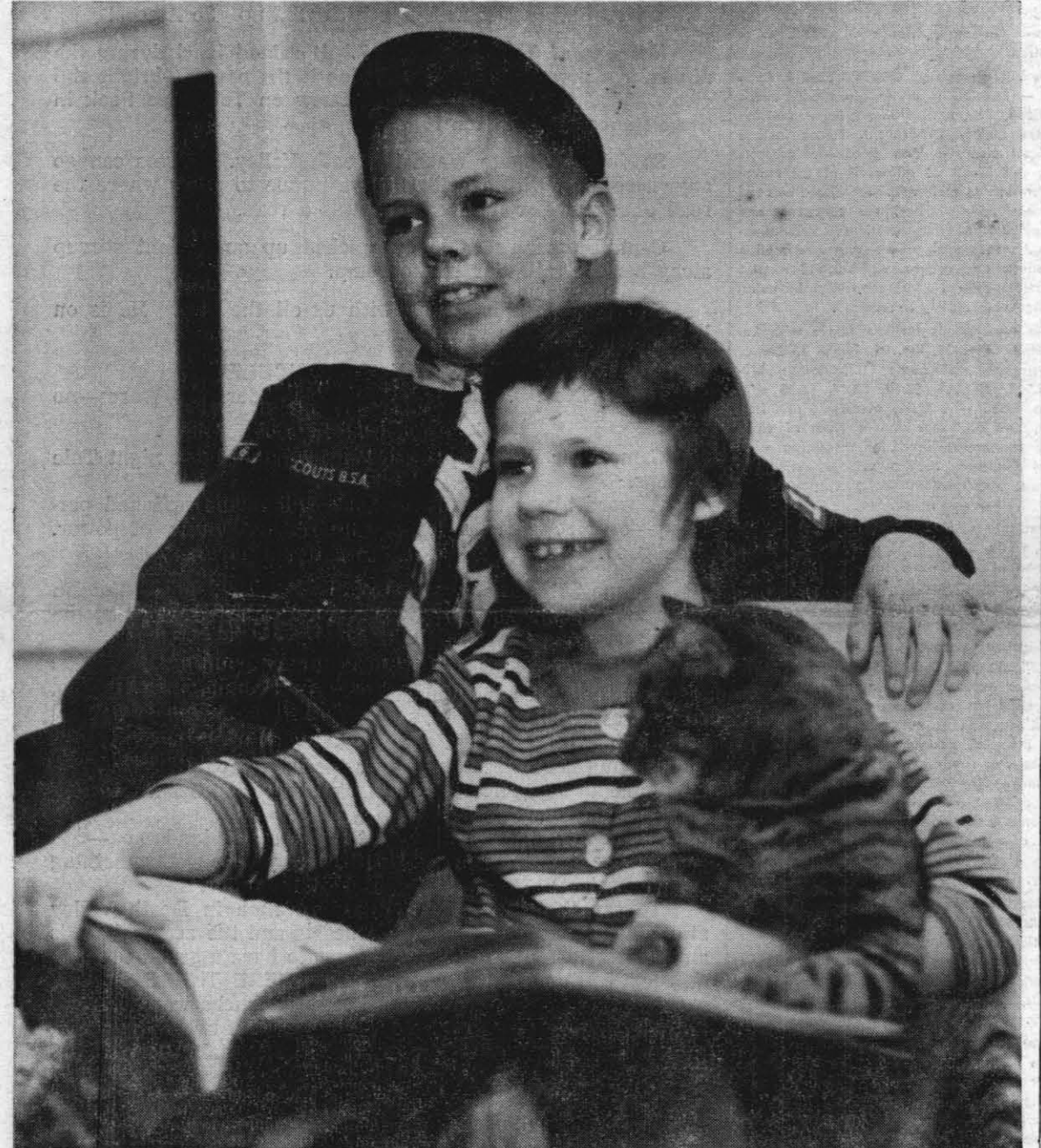
- AUTO HOBBY SHOP (MILITARY) Mon. thru Fri.—5-10 p.m.; Sat.—9 a.m.-5 p.m.; Sun.—Noon-5 p.m. BARBER SHOP & BEAUTY SHOP Mon. thru Fri.—10 a.m.-6:30 p.m.; Sat.—9 a.m.-1 p.m. BOWLING ALLEY NO. 1 Mon. & Fri.—6 p.m.-11 p.m. (Open Bowling); Tues., Wed., Thurs.—6 p.m. (League Play). BOWLING ALLEY NO. 2 Mon. thru Fri.—3 p.m.-6 p.m. (Open Bowling); League Play starts 3 p.m. Sat. & Sun.—1 p.m.-11 p.m. (Open Bowling). CERAMICS HOBBY SHOP (MILITARY) Mon., Wed., Thurs.—5 p.m.-11 p.m.; Tues., Fri.—Noon-5 p.m. 2nd & 4th Thurs.—5 p.m.-11 p.m., Free Classes. NAVY EXCHANGE CHILD CARE CENTER Mon. thru Fri.—7:15 a.m.-5 p.m. COMMISSARY Mon., Tues., Thurs., Fri.—10 a.m.-6 p.m.; Wed.—10 a.m.-1 p.m. ELECTRONIC HOBBY SHOP Mon., Tues., Thurs.—6 p.m.-11 p.m. MILITARY EQUIPMENT ISSUE Mon., Tues., Thurs., Fri.—11 a.m.-1 p.m.; 3 p.m.-5 p.m. DRIVING RANGE & GOLF COURSE Daily to sunset when course is playable. GYMNASIUM Mon. thru Fri.—4:30 p.m.-10:30 p.m.; Sat.—9 a.m.-6 p.m.; Sun.—1 p.m.-6 p.m. LIBRARY Mon. thru Fri.—1 p.m.-9 p.m.; Sat. & Sun.—2 p.m.-9 p.m. MALT SHOP Tues. thru Sat.—8:30 a.m.-10 p.m.; Sun.—11 a.m.-10 p.m. NAVY EXCHANGE, LAUNDRY, DRY CLEANING, COBBLER SHOP Mon. thru Fri.—10 a.m.-6 p.m.; Sat.—9 a.m.-1 p.m. NOTS HOBBY SHOP Wed., Thurs., Fri.—5 p.m.-10 p.m.; Sat.—9 a.m.-5 p.m.; Sun.—Noon-5 p.m. OUTDOOR SHOP & SERVICE STATION Mon. thru Fri.—11 a.m.-6:30 p.m.; Sat.—9 a.m.-5 p.m.; Sun.—Noon-5 p.m. SANDQUIST SPA Daily by reservation (Call 72010). SWIMMING POOL Fri.—6 p.m.-8:30 p.m.; Sat. & Sun.—1 p.m.-6 p.m. TENNIS COURTS Daily—8 a.m.-10 p.m. THEATRE See "Showboat" for time.

# PRESIDENT KENNEDY SLAIN

## Texas Governor Connolly Wounded, Too

### 14 Donate Blood For Open-Heart Surgery

## Amy's Story Is Made To Order For Thanksgiving



AMY WOODMAN, China Lake, daughter of Allan and Joan Woodman, 216-B Mitscher, faces normal, happy life ahead following open-heart surgery performed Oct. 16. She's showing her brother, Peter, 8, and family pet "Tiger," the scrapbook of "get well" cards and notes she got during hospitalization. —Photo by Bryce Cacek, PHAN

## BULLETIN

President John F. Kennedy has been slain by an assassin in Dallas, Texas. He was riding in a motorcade in the downtown area when a burst of gunfire hit the Chief Executive and also Texas Governor John Connolly, former Secretary of the Navy.

Riding in the car with the President and Mr. Connolly were Mrs. Kennedy and Mrs. Connolly. Late reports at press time did not indicate whether they had been injured in the gunfire.

President Kennedy and Connolly were driven in the car in which they were riding to a Dallas hospital. Vice President Johnson was riding in the car immediately behind the President. He was not shot, according to news reports.

The shooting occurred shortly after the President's arrival this morning from Fort Worth where he had given an address.

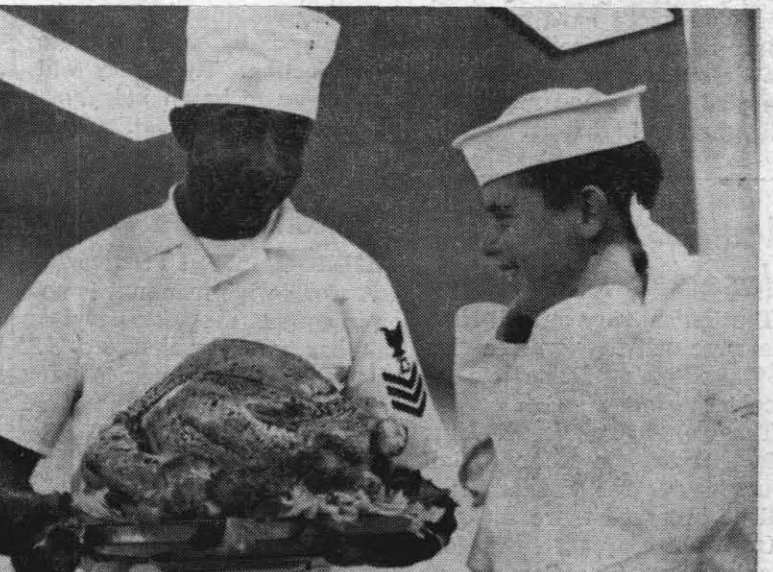
Some 250,000 people had greeted the President on his arrival and along the streets leading to the area where he was shot.

Secret Service agents in the car behind the President's said they heard three bursts of gunfire. The bubble top of the President's car was down at the time of the shooting.

Chaplain Joseph A. Costa, Catholic Chaplain at China Lake, said a Requiem Mass would be held at 4:45 p.m. today at All Faith Chapel.

ROCKETEER FROM UNDER THE SEA TO THE STARS. Naval Ordnance Test Station, China Lake, California Vol. XVIII, No. 46 Friday, November 22, 1963

Thanksgiving Menu. SHRIMP COCKTAIL, CREAM OF TOMATO SOUP, ROAST YOUNG TURKEY, BAKED VIRGINIA HAM, GIBLET GRAVY, HOT MUSTARD SAUCE, CRANBERRY SAUCE, CORN BREAD DRESSING, WHIPPED POTATOES, CANDIED SWEET POTATOES, BUTTERED GREEN PEAS, ASSORTED INDIVIDUAL SALADS and SALAD BAR, MILK, TEA, COFFEE, HOT DINNER ROLLS, ASSORTED BREADS, ICE CREAM, FRUIT CAKE, PUMPKIN PIE with WHIPPED CREAM, FRUIT BOWL, CANDY, MIXED NUTS, CIGARETTES



SECURING HIS NAPKIN, R. W. Layfield, AA, figures he's all set for a pre-Thanksgiving snack, but Harry Jones, CSI, tells him he'll just have to wait until Thursday.

### NOTS' Message To Ridgcrest On Incorporation

Following is the congratulatory message sent by NOTS Command to the city council of Ridgcrest, whose voters last Tuesday elected to incorporate: "On behalf of the U. S. Naval Ordnance Test Station, we extend our congratulations to the newly incorporated city of Ridgcrest which, as a result of the expressed will of the majority of its citizens, has assumed local control of its civic affairs. "During the past years, the Station has appreciated the close working relationship which has developed between the Station and Ridgcrest. (Continued on Page 8)

This is a story made to order for Thanksgiving Day. Its elements are the plucky courage of a little China Lake girl who won a new lease on life, the miracles of medical science and the milk of human kindness.

By telling it now, you might share some of the glowing warmth that has already settled in the Allan L. Woodman home at 216-B Mitscher.

Born with a heart defect, six-year-old Amy, the daughter of Allan and Joan Woodman, underwent open-heart surgery Oct. 16.

Specialists at the Los Angeles Children's hospital where she was given a post-operative examination Monday, said the surgery was "completely successful."

Fourteen Donate Blood Amy's dad, a Research department chemist here, recalled how 14 of his associates in that department donated blood for his blue-eyed daughter last September.

By JACK BROWARD

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

**WE ALL GIVE THANKS for the AMERICAN WAY of LIFE...**

**Thanksgiving**

CHAPLAIN'S MESSAGE

Talks With Teenagers

By Fr. Joseph A. Costa, O.F.M. CAP.



Proof that youngsters want adults to set their standards is the success of teen-age social codes throughout the country.

A typical code sets down the time when parties and dances should end. Home parties for seventh and eighth-graders should end at 10 p.m.;

Group activities should be favored; proms should not be permitted to dissolve into private parties, all-night-get-togethers, or the scattering of boys and girls into single pairs.

Your parents must impose many standards upon you if they are to do the job God gave them. They must set up regulations to make sure that you do your homework assignments and do not "goof off" at school.

They must also keep you from doing things which may injure your health. If you do not get enough sleep or eat proper foods, they are duty-bound to correct you.

The problem is simple. You want to be treated like an adult who can make his own decisions. The solution also is simple. Just act like the grownup you want to be!

If your parents deny you all the freedom you think you deserve, maybe it is because they are used to telling you what to do. After all, they have done it ever since you were born.

You might have to educate them by proving that you deserve more responsibilities. The best way is by handling those you already have with complete satisfaction.

Most Activities Closed on Holiday

The Commissary, and all Navy Exchange activities will be closed Thanksgiving Day, Nov. 28, except the following: Theatre Snack Bar, Bowling Alley Snack Bar and Golf Course Snack Bar.

Battleship Reunion Planned For 1964

A world-wide manhunt is now on to contact every ex-Navyman who has had duty aboard a U.S. battleship. This survey is being conducted to determine the feasibility of holding a Battleship Reunion in San Diego, Calif., in the summer of 1964.

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.

Supervisory General Engineer, GS-13, PD 25504Am1, Code 552 - This position is that of Associate Head, Electro-mechanical Engineering Division, Engineering Department.

Supervisory General Engineer, GS-14, PD 13920A, Code 555 - This position is that of Head, Mechanical Engineering Division, Engineering Department.

File Application for Above With Dora Childers, Bldg. 34, Rm. 32, Phone 71393 or 72032.

Mail and File Supervisor, GS-6, PD 17375-A, Code 8514 - As Head, Mail, Files & Records Branch, plans organizes and oversees the accomplishment of work within Branch.

Clerk (Stenography), GS-5, PD 325018, Code 252 - Position is under direct supervision of Head, Procurement Management Division of the Supply Department.

File Applications for The Above with Pat Daniels, Bldg. 34, Rm. 28, Phone 72676. Instrument Mechanic (Electrical), WB-33057-12, JD 244, \$3.30, \$3.44, \$3.58 p/h, Code 45536 - Repairs, overhauls, modifies, tests, and calibrates various types of electrical instruments used for measuring electrical quantities, such as voltage, resistance, current, inductance, capacitance, power, energy, and power factor.

Machinist (Maintenance), WB-53015-11, JD 374, \$3.24, \$3.38, \$3.52 p/h, Code 45536 (2 vacancies) - Overhauls, repairs, and installs various types of machines and machinery installations, such as machine shop equipment, power plant equipment, etc.

Machinist, WB-34014-11, JD 169-1, \$3.24, \$3.38, \$3.52 p/h, Code 4553 - Sets up and operates various machine tools, including various types and sizes of lathes, boring machines, milling machines, shapers, planers, precision grinding machines, and specialized or multipurpose machines related to these.

Electrician, WB-28005-11, JD 180, \$3.24, \$3.38, \$3.52 p/h, Code 4553 - Constructs, installs, maintains, and repairs various electrical wiring systems, electrical controls, electrically operated equipment or instruments, and light and heavy electrical machinery.

Materials Engineer, GS-806-12, \$9475 p/a Code 4512 - Applied research and development of thermally protective plastics, composites, and ablative materials. Conducts experimental and theoretical investigations to develop methods for optimizing the use of materials for propulsion systems.

File Applications for Above with Judy Newman, Bldg. 34, Rm. 26, Phone 72723. Clerk-Steno, GS-5, PD 18539, Code 17 - Position is located in the Office of the Head of Central Staff. Incumbent is responsible for daily liaison calls, secretarial duties, etc.

Digital Computer Programmer, (2 vacancies), GS-5, 7 or 9, Code 1764 - Incumbents will provide financial management and statistical services to Station management by applying digital computer technology to mass data processing and administrative problem solution.

File Application for Above With Janet Thomas, Bldg. 34, Rm. 28, Phone 72676. Deadline For Filings November 29, 1963.

NAVY OVERSEAS VACANCIES Vacancies in Hawaii - Fiscal Accounting Offices, GS-11; Welding Engineer, GS-7; Marine or Mechanical Engineer, GS-11; Communications Specialist, GS-14; Electronics Engineer, GS-14; Communications Specialist, GS-13; Electronics Engineer, GS-13.

"Guys and Dolls" The Bakersfield College production of "Guys and Dolls" opens tonight on the Burroughs campus. Curtain time is 8:30 p.m. tonight and tomorrow night. Tickets are available at the door.

'DESERT PHILOSOPHER' Diary of The Trail Ride

By "POP" LOFINCK (Continued from Last Week)

Just about all these riders are experienced horsemen—with one exception—Air Force Maj. Harold L. Peasley had only been on a horse a few times before this. But he was tenacious and stubborn—rode all the way through. He must have felt pretty sick at times—but he made it!

This morning the riders took off over the Brown Mt. toward Epsom Salts Mine area where our camp will be tonight. Vehicles must detour around to the east to follow a road or trail north.

THE RAIN COMES DOWN HARD Very dark clouds forming—starting to sprinkle—Hope the "road" doesn't get washed out. The riders will be very unhappy tonight without food or bedrolls.

We ate in the rain and then it cleared up. So it goes!

Morning of Thursday, Nov. 7. It rained hard during the night for a short time. This morning is the payoff—bright and clear. 5000 feet elevation here. Snow on Telescope Peak in the distance. Magnificent!

So down Wingate Wash to Death Valley. Horses can go anywhere—but with a vehicle it's a puzzle to guess where the road once was—or if there ever was a road.

Capt. Blenman's eagle eye picked up an ancient stirrup alongside the trail, for the museum.

Capt. Blenman has been with us all the way. He is on leave—so this is his vacation.

DEATH VALLEY — WONDERFUL! Friday, Nov. 8. Death Valley — Wonderful!! Warm—no wind.

Camp near Warm Springs Canyon Road. Next night Tule Springs.

A word about these pickup trucks—they functioned perfectly—over rough terrain, sand and rocks. Plenty of power. Ride good.

George Sutherlen is on the water wagon—the first time in 30 years! The "wagon" is a 1500 gal. water truck loaned by the U. S. Borax and Chemical Co. at Boron.

One of George's idiosyncrasies is tying knots in ropes or lines that he hopes will stay secure—and they do—like the one the horses are tethered to. He ties "hatchet knots"—it takes a hatchet or an ax to get them loose! Of course, that's better than having horses scattered over the landscape or nightscape.

Put a beautiful girl against a beautiful landscape—add intelligence and interest in Nature and you've got something to dream about.

ESTIMATES 15,000 PEOPLE WERE THERE More than 5000 trailers and camper trucks were counted by the Park Rangers. Presuming an average of two to a camper, then add on the people who came in cars, totals about 15,000 people.

Supt. John Aubuchon, Ranger of the U. S. Park Service, handled the situation with amazing efficiency.

The dedication ceremony of the historical marker at Bal-larat proceeded anyway. Vandals tore apart the monument and stole the bronze marker before it was dedicated.

That is the lowest form of vandalism. Aside from that incident, the Second Annual Death Valley Trail-Ride was a grand experience.

The Rocketeer

Official Weekly Publication of the U. S. Naval Ordnance Test Station China Lake, California. Captain Charles Blenman, Jr., USN Station Commander. "Pop" Lofinck Public Information Officer. Jack G. Broward Editorial Advisor. Richard Grunenberg Editor. Budd Gatt Associate Editor. Frederick L. Richards Special Assignments. DEADLINES: News Stories - Tues., 4:30 p.m. Photographs - Tues., 11:30 a.m. The Rocketeer receives Armed Forces Press service material. All are official U. S. Navy photos unless otherwise identified. Printed weekly with appropriated funds in compliance with NavExos P-35, Revised July 1950. Office: 50 King St., Bldg. 00929. Phone - 71354, 71655, 72082.



NOTS INTRAMURAL GOLF tournament first place team trophy is presented to Cdr. H. N. O'Connor (left), VX-5 skipper, by Cdr. C. H. Lindberg, Exec Officer, and other team members (l-r) Lt. (jg) J. M. Stanfill, J. E. Hurley, ADJ 1; E. O. Henry, AEC, and Lt. W. S. Yetter. Team members, including M. T. Neale, SN, received individual trophies, and Chief Henry also got special award for low gross.

Golfers Get 'Birdies' In Big Turkey Shoot

Twenty-one foursomes teed off in the big Turkey Shoot tournament last Saturday at the China Lake Golf Course, and 23 players brought home the bacon... or, rather, the drumstick. The low net golfer of each group won a Thanksgiving turkey.

They are Bobby Kochman, Harold Turner, Curt Bryan, Leo Enriquez, Chuck Falterman, Billy Herron, Gerry Miller, Manny

Jeep Exhibition Washington (AFPS - The Armed Forces famous WWII vehicle, the jeep will soon join other modes of transportation on exhibit at the Smithsonian Institution

Anchorage Bowl Hours The Anchorage bowling alley will be available for open bowling the following hours and days next week: 3 p.m. to 11 p.m. Wednesday and Friday, 1 p.m. to 11 p.m. Saturday and Sunday. The alley will be closed on Thanksgiving Day.

RIM SHOTS By BILL VALENTEEN

My home town — Phoenixville, Pennsylvania — has nurtured a wonderful tradition for Lo, these many years. That is, the annual turkey tussle between Phoenixville high and Coatesville high. If I were to go back there next Thursday, I would find the same old faces, the same old grandstands, the same old cheers joined together in the same old lousy weather, but a traditional Thanksgiving day football game none-the-less.

SUGGESTS PLAYOFF GAME As you all know, NAF and NOTS-VX5 are tied for first place in the Intramural football league. Wouldn't this be a wonderful occasion to have a playoff? As a matter of fact, I'm sure that most of us wouldn't mind contributing a bit more to the United Fund as admission to just such a game.

You know, get the band out there, and sell hot dogs and beer, everybody wears their old raccoon coats and yells "kill the referee." By the time you get home, Mama is just pulling that juicy turkey bird out of the oven. Outside, the wind is blowing and the leaves are stirred up, you feel so good, you break out your old football helmet and start calling signals right there. Man, it's a wonderful time of the year!

The playoff is important, I think, to determine once and for all, who is the champion of the league. If the game ends in a tie, of course, a sudden death overtime period should also be used.

NCAA SHOULD HAVE PLAYOFFS, TOO The NCAA national championship ought to be reorganized to include playoffs, too. Right now, the mythical national champion is crowned after a bunch of sportswriters decide whom to honor. At the end of each season, the eight regional champions should be brought together and the national crown for football decided.

The way things are set up now, a school might lose its first game of the season, play excellent ball the rest of the way, and be completely out of the running, just because it made a few mistakes at the very beginning.

A team never hits its full stride as a winning combination until it has had at least four or five games under its belt, so who can say, at the end of the season, that it's not just as good as the supposed "top" team.

USC HAS TALENT BUT DOESN'T DO WELL Then there's USC. This team irritates the heck out of me because I know they've got the talent and the power to beat any team in the nation. They've got a smart pair of quarterbacks in Beathard and Fertig; two of the best halfbacks I've ever seen in Brown and Garrett; with Bedsole and Bame to fill in as well, they should be the hottest thing around, but where are they?

John McKay must be pulling his hair out trying to understand the cause of the lousy breaks, the lousy play, and the lousy standing of what is probably the finest bunch of football players that he'll ever see on one ball club. Well, that's the ball game.

Keep smilin', Sport! See you next week!

Abele Captures Singles and Teams With Lindstrom for Doubles Title

Last weekend Cdr. Stan Abele, NAF Operations Officer, made a grand slam in the China Lake tennis tournament when he defeated Don Beresford 6-3, 6-3 for the singles title and teamed up with Ralph Lindstrom to take the doubles title by defeating Beresford and Jerry Whitnack 6-3, 6-2.

Results of the singles matches were: Don Moore defeated Steve Springer 6-1, 6-0; Charles Walden defeated Capt. Leonard Grabowski 6-3, 6-2; Tad Tsukida defeated Tom Nelson 6-8, 7-5, 6-3; Jerry Whitnack defeated Bob Kinsella 6-2, 6-3; Jim Porteus defeated Jim Moore 6-1, 6-0.

Stan Abele defeated Dick Mello 6-1, 6-0; Ralph Lindstrom defeated Charles Walden 6-0, 6-4; Don Beresford defeated Jerry Whitnack 6-4, 6-4; Stan Abele defeated Ralph Lindstrom 6-3, 6-4; Stan Abele defeated Don Beresford 6-3, 6-3.

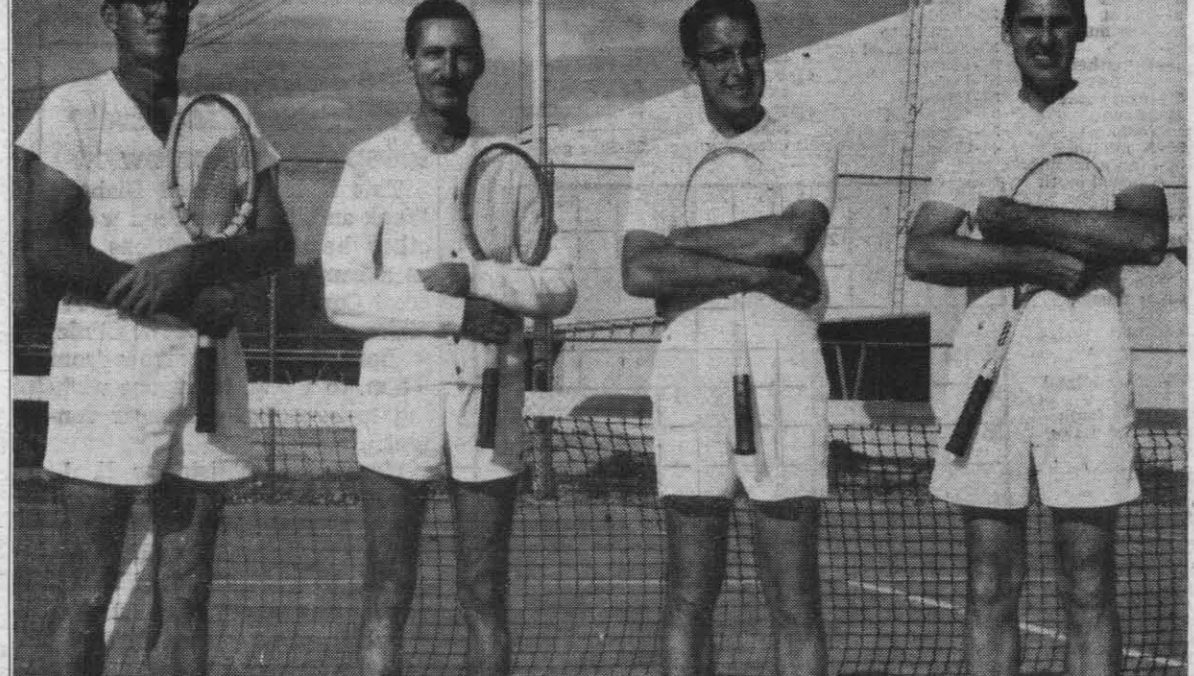
Doubles results were: Don Beresford-Jerry Whitnack defeated Jim Porteus-Hal Bennett 6-1, 6-3; Jim Lee-Tom Seufert defeated Tad Tsukida-Tom Nelson 7-5, 8-6; Stan Abele-Ralph Lindstrom defeated Larry Faulk-Red Guthleben 6-0, 6-0; Don Moore-Gene La Marca defeated Steve Springer-Dick Mello 6-1, 6-1.

Don Beresford-Jerry Whitnack defeated Jim Lee-Tom Seufert 6-0, 6-2; Stan Abele-Ralph Lindstrom defeated Don Moore-Gene La Marca 6-1, 6-3; Stan Abele-Ralph Lindstrom defeated Don Beresford-Jerry Whitnack 6-2, 7-5.

Cagers Ready For Opener Tuesday

The Station Intramural Basketball season opens next Tuesday night at the gym. Jim Gann, who led NOTS to the championship last year, will again coach the NOTS cagers. The other five teams in the league, and their coaches, are NAF, Bill Bailey; VX-5, Don Spruill; AOD, Joe Seibold; Sea-two 20-minute halves, and there will be a 15-minute intermission between games.

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TENNIS FINALISTS — Don Beresford (left) and Jerry Whitnack were defeated in doubles match by Ralph Lindstrom and Stan Abele (right). Abele also won the singles title by defeating Beresford by scores of 6-3 and 6-3.



MYRON GRIEST of the Traffic Branch, Supply Division, Pasadena Annex, receives large certificate and large check from Vernon Hayes, Supply Division Head, for his Beneficial Suggestion.

### Myron Thinks Big

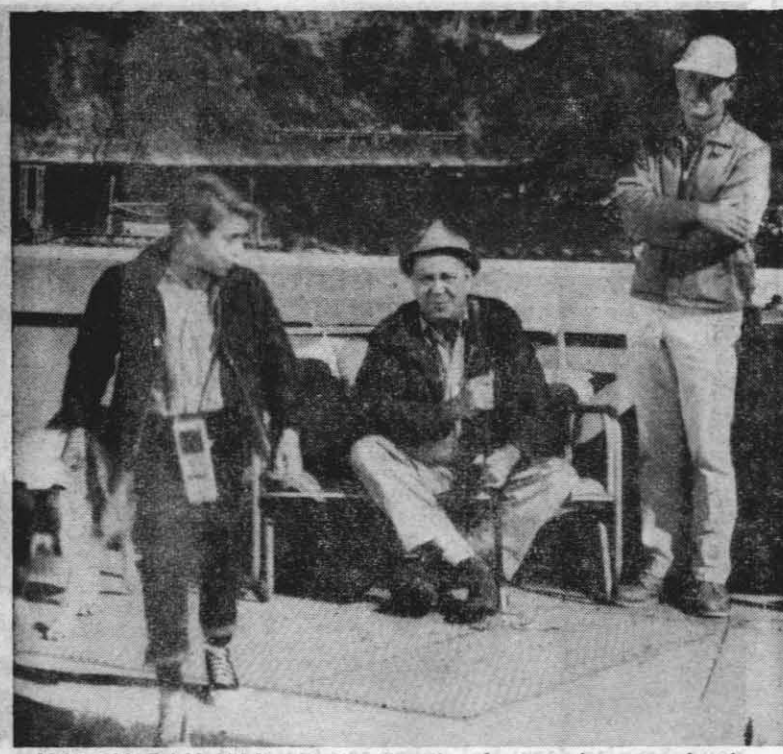
Myron Griest, Shipping and Receiving Assistant, Traffic Branch, Pasadena Annex, has joined the "NOTS 100 \$ 300 Club" by way of his Beneficial Suggestion on a "Lift Truck Weight Indicator." In addition to the Club Certificate, which was signed by Capt. Charles Blenman, Jr., Commander, NOTS, and Dr. Wm. B. McLean, Technical Director, Myron received an award of \$100.

The indicator, when incorporated into the hydraulic system of a lift truck, shows the operator on a dial the weight of material as it is lifted. This enables material to be weighed during normal movement or loading without additional handling. Since there are no other scales at San Clemente Island, an indicator on the lift proves invaluable.

One forklift at NOTS Long Beach and one at NOTS Pasadena is being equipped with this indicator. The use will not be limited to traffic since the machine shop, torpedo shop and others have expressed interest and need for such equipment.

The suggestion has also been adopted at China Lake. The Disposal Division will use fork lift weight indicators to weigh items being sold as scrap, thus eliminating the need for weighing trucks.

### A Winsome Lass(e) Visits Morris Dam



MORRIS DAM HAD plenty of action last week as production crews moved in to film a sequence of the Lassie series. Titled "Lassie And The Moving Mountain," it will be televised sometime next spring. Shown at left are the two stars of the film, Lassie, and her movie master, Jon Provost.



THE BEAUTIFUL LASSIE poses with her owner and trainer, Rudd Weatherwax. Lassie, like most prominent movie stars, has several stand-ins which are used before final "takes." —Photos by Wally Dow

# NOTS Pasadena

Virginia E. Lane — Ext. 638

## SOS Repeat LCdr. Norton Bids Farewell

Details of a dramatic sea rescue were related in the Rocketeer in April, 1962. The place-off San Clemente Island, the victim—Boris Alenin, commercial fisherman aboard the Wetback, a commercial fishing boat.

Alenin was stricken with the bends while diving from the fishing boat near San Clemente. He was placed in a decompression chamber on the island and several NOTS personnel attended the victim throughout the 19-hour ordeal.

This brush with death did not deter Alenin from pursuing his diving career. Last week, according to report of Lt. C. W. Amick, Operations Officer, SCL, the island received another SOS from the Wetback, via the Coast Guard. The fishing boat had lost power in 12-15 foot waves, wind at 25 knots. LCdr. J. E. Schaefer, Officer in Charge of SCL, and CWO G. R. Townsend, Waterfront Officer, dispatched a TRB-9 with BM3 L.D.L. Alton at the helm, to the rescue.

Crew of the Wetback consisted of Ken G. Coyne, skipper, and Boris Alenin.

The Wetback was moored overnight at Wilson Cove and towed into port the next day by owners of the Wetback, the Imperial Abalone Co.

Another happy ending, thanks to the alert crew at SCL.

LCdr. Earl W. Norton was guest of honor at a farewell party last Friday, having completed two years duty as San



LCDR. E. W. NORTON

Clemente Island Operations Officer. In November 1961, he reported to NOTS from duty as First Lieutenant on the USS Pickaway (APA 222).

Upon his detachment from NOTS, LCdr. Norton will report to Fleet Training Center, San Diego, for an eight weeks course, then proceed to the USS Breckinridge for duty.

Originally from Rock Island, Ill., he attended St. Ambrose College in Illinois in 1952, with a B. A. degree in Political Science.

As an enlisted man, he served a two-year tour with the Navy from 1946-1948; then entered the Navy again in 1952 receiving his commission at that time. He received his promotion to LCdr. in May 1962, during his tour with NOTS.

Upon completion of his training in San Diego, LCdr. Norton, his wife, Janice, and their five children will establish residence in San Francisco.

### PERSONNEL STATISTICS

#### New Employees

Public Works—Austin C. Clifford, Diesel Engine Mechanic; Edward R. Sizer, Electrician.

UOD — Robert H. Wade, Chemist; Frances M. Johnson, Clerk-Steno; Judith N. Wiles, Clerk Typist; Hallie I. Wullschleger, Clerk-Steno.

Supply—Lois R. Smith, Procurement Clerk.

Willis, Guard; A. Y. Hutson, Guard; Margaret L. Kendall, Clerk-Typist.

#### Terminations

Public Works—Louis J. Avila, Automotive Equipment Operator; Wesley E. Lewis, Electrician; James J. Fenton, Rigger; John L. Hutton, Joiner, Nick Bukoff, Heating Plant Operator. Administration—Edith Shillman, Telephone Operator.



COMMENDING the recipients for 20 years of faithful service to the federal government, Capt. G. H. Lowe and D. J. Wilcox present lapel pins to Squire P. Clemons, Jack Harris and Benjamin D. Larvie (l-r). Also honored

at the ceremonies were Ruth Seaton, Charles C. Reader and Baltazar Lozana who received 5-year pins for length of service with NOTS. All honored personnel are with the Systems Operations Division.

### Identification Corrected

Last week's Rocketeer wrongly identified pictures of LCdr. H. H. Schleuning Jr., who reported aboard as Assistant Technical Officer at NOTS Pasadena, and Warrant Machinist R. F. Serghison, now Assistant Sea Range Operations Officer with duty at the Long Beach facility. The Rocketeer apologizes for the error and herewith identifies them correctly at right.

A Texas millionaire walked into an automobile showroom. "My wife is sick," he said, "What do you have in the way of a get-well car?"



LCDR. H. H. SCHLEUNING, JR.

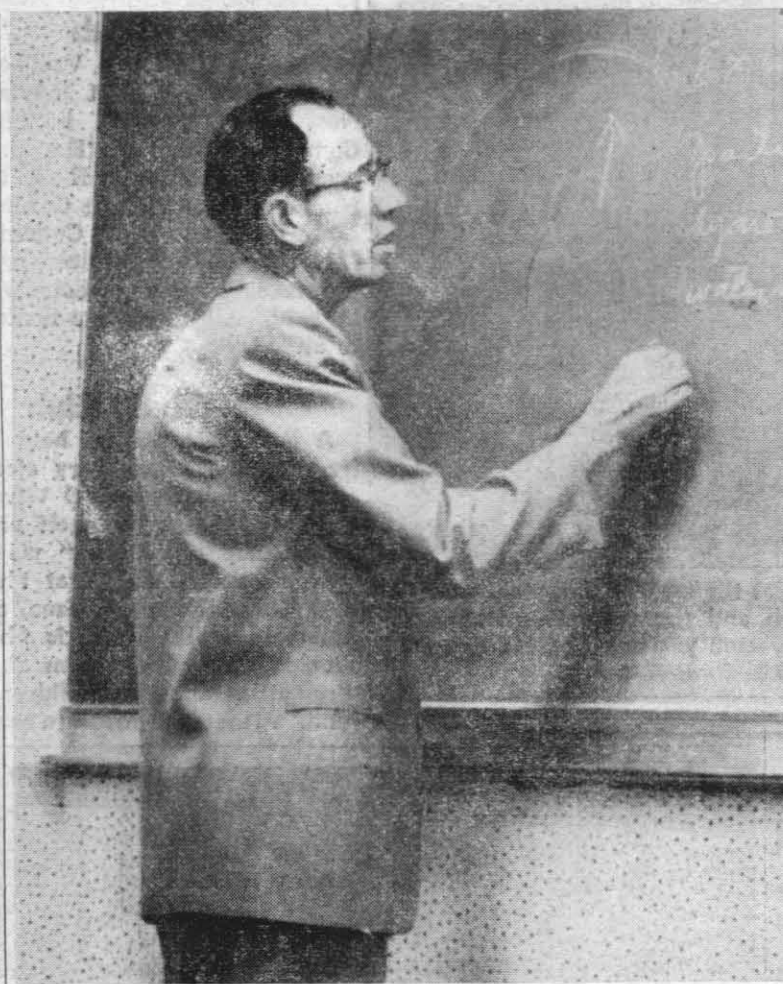


WARRANT MACHINIST R. F. SERGHISON

# Nation's Scientists Here for AOA Meet



DR. ELLIOTT RAISEN Illinois Institute of Technology



DR. LOHR BURKHARDT Explains process of cloud seeding with silver iodide.

Approximately 40 engineers, scientists, and executives from industry and military installations, including NOTS, learned of new developments in the pyrotechnics field from 12 of the nation's top authorities during a two-day meet of the Military Pyrotechnics Section of the American Ordnance Association here Tuesday and Wednesday.

It was the first meet of the Pyrotechnic Section to be held here, according to Harold Metcalf, acting president of the local AOA Post.

The Station and the China Lake Post were hosts for the two-day event. Local coordinator for the event was Art Breslow, Head of the Propulsion Development Department's Pyrotechnics Branch.

#### Dr. R. W. Evans Chairman

The program was under the direction of AOA's Pyrotechnics Section chairman Dr. Robert W. Evans of the University of Denver and Section Deputy chairman Lincoln S. Love of the Perry Plastics firm.

A spokesman, representing one of the 20 industrial firms attending the conference, cited the meet as one of the most successful and informative that he had attended.

"It was quite apropos that the meet was held at China Lake in consideration that the NOTS Weather Modification Program evolved from work done in the pyrotechnics field right here on the Station," he noted.

#### Pioneered Program

"We were fortunate to have for speakers the three men, Drs. William G. Finnegan, Loehr Burkhardt, and Pierre Saint-Amand, who were instrumental in developing the weather program," he added.

#### Guest Speakers

Guest speakers for the two-day meet were Samuel Sage, Head of the Pyrotechnics Laboratory, Picatinny Arsenal; Jacques L. Caspari, Pyrofuze Dallas, Inc., Dallas; Professor James E. Sinclair, Naval Postgraduate School, Monterey; and Dr. Elliott Raisen, Illinois Institute of Technology, Chicago.

In addition to Finnegan, Burkhardt, Saint-Amand, other Station personnel who spoke were Art Breslow, Armin Wiebke, Charles Drew, and Steve Little...

#### Tours Highlight Meet

Highlights of the two-day meet for the visitors was a demonstration of TIARA, a tour of the Pyrotechnics facilities at the CT-area where they witnessed a flare demonstration, and a joint dinner meeting with the China Lake AOA Post at the Officers Club.

#### Conference Attendees

Others attending the two-day meet in addition to the guest speakers were: Theodore E. Landry of Lockheed Propulsion Co.; Robert W. Lynch of McCormick Selph Assoc.; Sidney Moses of Hoxley, Inc.

Lawrence C. Pace of Pace Corp., Mitchell E. Penn of Edgewood Arsenal, Gilbert E. Rogers of Duke University, Jerald Abrams of Picatinny Arsenal, William A. Schmeling of Denver Research Institute, Franklyn E. Stevens of Profuze Dallas, Inc., John S. Underhill of North American Aviation.

Bernard E. Douda, NAD Crane, Ind.; Norman C. Eckert, Daniel A. McBride, William K. Neff and Hal R. Waite of Atlantic Research Corp., Dr. Robert Ellern of Unidyamics.

John A. Haynes and Ardis Lytle of Special Devices, Inc.; Dr. Howard J. Fisher, Ronald C.



SAMUEL SAGE Picatinny Arsenal

Poynter, and Reuben H. Denhoff of Aerojet General; Ernest J. Green of General Precision; Maurice T. Hedges of Martin Co.

Dr. Sidney Katz of Illinois Institute of Technology, Edgar R. Lake of McDonnell Aircraft, Carl W. Van Orstrand of Harvey Aluminum; George M. Schu of Perry Plastics, Dr. Arthur M. Krill of Falcon Research and Development, and others.

## RAdm. Bowen, ComOpTevFor, Visits VX-5



RADM. H. G. BOWEN, JR.

RAdm. Harold G. Bowen Jr., Commander Operational Test and Evaluation Force, completes a two-day orientation tour of Air Development Squadron Five and NOTS today.

It is his first visit with VX-5 since assuming his present duties in July. He is acquainting himself with the officers and men of the squadron, its projects and operations, and also is touring Michelson Laboratory and the ranges.

Accompanying Adm. Bowen are Capt. T. J. Gallagher, Jr., Deputy Chief of Staff for Operations, and Lt. E. C. Borgardt, Aide and Flag Lieutenant, who was a VX-5 project pilot prior to his duties with ComOpTevFor.

Adm. Bowen was Commander Cruiser-Destroyer Flotilla Four and Commander of the Project Mercury Recovery Force in the Atlantic (Task Force 140) before taking his present command. He departs China Lake today to continue his tour of various other west coast ComOpTevFor units.



VISITORS ATTENDING AOA meet witness a flare demonstration at the Propulsion Development Department's Pyrotechnics Branch 'Skyhook' facility during tour Wednesday.

## First Army Liaison Officer on Duty Here

Army Lieutenant Colonel Richard S. Clark has assumed duties at the Naval Ordnance Test Station as Army Liaison Officer, the first man to hold that post since the Station was established 20 years ago.

A Frannie, Wyo., native who earned his PhD degree at Purdue University, Col. Clark reported here from the Dugway Proving Ground, Utah. He served there as Chief, Chemical Division.

Col. and Mrs. Mary Ellen Clark will live on the Station temporarily at 104A Mitscher. They have three children, Richard W. 19, Michael J. 17, and Deborah A. N. Clark, 12.



LT. COL. R. S. CLARK First Army Liaison Officer Here in 20 Years

## Airmail Only Hope Now For Overseas Christmas Parcels

Parcels to servicemen and women at overseas bases may still reach their destinations before Christmas if sent by airmail, the Department of Defense announced today.

The announcement stressed, however, that heavy seasonal mailings make it necessary that air parcels be mailed not later than December 10th to assure yuletide delivery. The final date for mailing parcels by ordinary mail was November 20th.

Mailers were advised to consult their local post office for detailed information regarding size and weight limitations, and restrictions regarding articles which may be sent to each particular overseas area of address.



LA CANADA COUNCIL members of the Navy League arrive at BOQ-A for room assignments upon their arrival for tour of the Station. They were guests of honor at dinner reception at the COM Wednesday, toured Michelson Lab and the ranges, and visited Maturango Museum yesterday before departing the Station.

### Club News

#### Nurses Club

The Indian Wells Valley Nurses Club will meet Monday, Nov. 25 at 7:30 p.m., in the Community Center. The program will be "Public Health Nurses" by Anna Marie Gorden, Edith Hurst and Vyolo Cunningham. The slate of officers will be presented and elections will be held. All nurses are invited to attend.

#### CPO Wives Club

A bake sale will be held in front of the commissary store on Nov. 25 by the CPO Wives Club. A "Do It Yourself and White Elephant Bazaar" will take place on Dec. 13 at the CPO Club. Timothy Dazen, an American Indian child, is the adopted child of the wives club through the Christian Children's fund. Plans were made to send

Timothy a special gift for Thanksgiving. Thanksgiving baskets will be donated again this year to the needy.

#### Navy Wives Club

All members of the Navy Wives Club want to thank VX-5 and NAF for making the club's two bake sales a success. The annual Christmas party will be held on Dec. 21, and plans were announced for a house-to-house caroling party on Dec. 23. All wives of enlisted men are invited to join. For further information call FR 5-4839.

#### Desert Art League

The Desert Art League will hold its monthly program meeting on Monday, Nov. 25 at the Community Center at 8 p.m. The program will color slides "Seven Hundred Years of Art," from the National Gallery of Art in Washington, D. C.

### Technical Topics

DR. JULIAN THOMPSON, physicist of Code 3041, presided at conference of Optical Systems working Group on Tuesday. Attending were Herbert W. Piper, instrumentation engineer from Patrick AFB; James D. Perdue, chief of research branch, optics division, White Sands Missile Range, N. M.; John A. Clemente, head of physical optics branch, Pacific Missile Range, Point Mugu, and Keith G. Markham, chief of operations and engineering office, Edwards AFB.

FEATURES of the IBM 7094 will be discussed by Helen Morrin of the Test Department next Monday at 9:30 a.m. in Conference Room A of Michelson Laboratory.

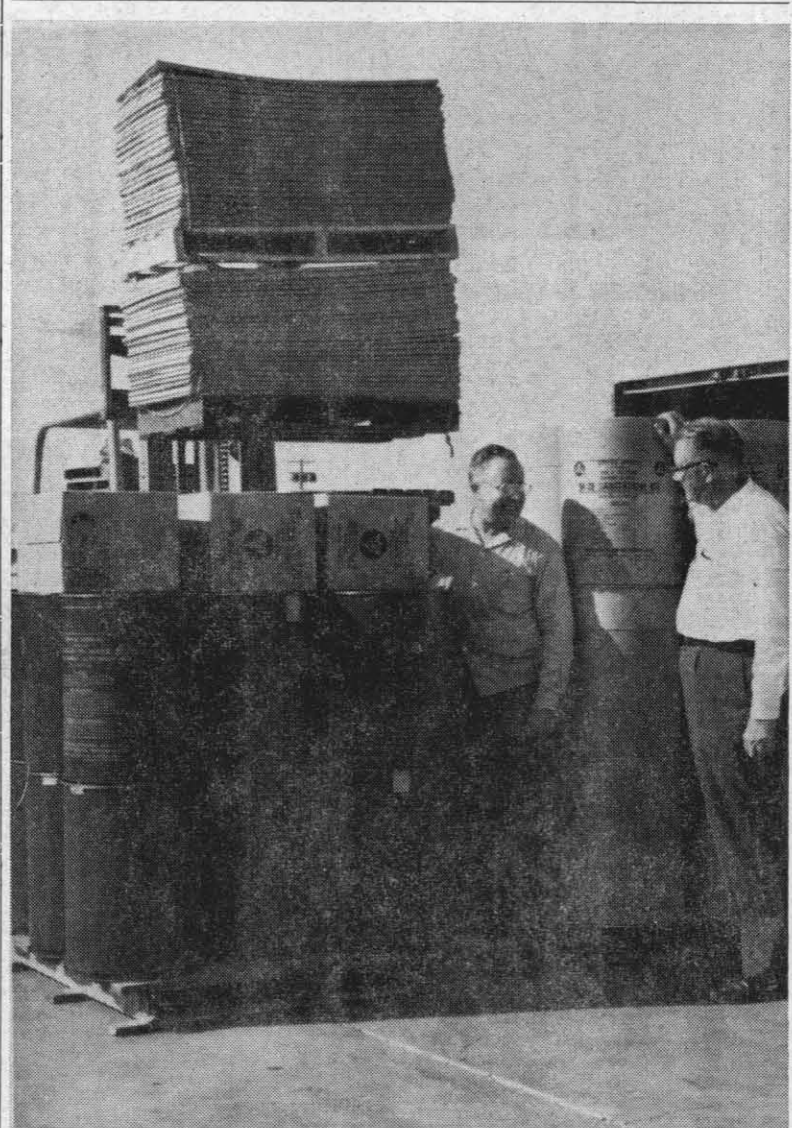
The IBM 7094 will replace the IBM 7090 in early January 1964. The 7094 features to be discussed are timing improvements, additional index registers, new index complementing instructions, and the fast double-precision floating point arithmetic. Except for the 20 additional instructions, compatibility exists between the 7090 and 7094 systems.

All programs currently run on the 7090 will run on the 7094 with no changes.

A TECHNICAL LECTURE on "New Structures in Alloys Rapidly Cooled from the Liquid State" by Professor Pol Duwez, Materials Science, California Institute of Technology, was scheduled for 10 a.m. today in Conference Room A of Michelson Laboratory.

Prof. Duwez was to describe a technique by which metastable alloy phases can be obtained by very rapid cooling from the liquid state. The results obtained so far have led to (1) extension of solubility limits beyond their equilibrium values, (2) new phases not found under equilibrium conditions, and (3) amorphous alloys. The physical properties of some of these alloys will be discussed.

A SEMINAR sponsored by Motorola Semiconductor Products, Inc., was held yesterday in Room 205 of the Training Building to discuss constant changes occurring in the field of solid state electronics. Two major topics highlighted the program - microelectronics in the morning and new silicon devices in the afternoon session.



STACKS OF CIVIL DEFENSE material, including more than 600 cartons of emergency rations, over 1000 water cans and 100 portable sanitation kits, are checked in here by Noel G. Lynn and Joe Garrett. James McGlothlin, head of the IWV Advisory Council's supply division, estimated the allotment value at \$12,000.

### 13 Local Inventors Receive Patent Awards

Thirteen Station employees were presented patent awards or notices of allowability of patents last week at ceremonies conducted by Capt. Leon Grabowsky, Station Executive Officer, and Pete Firsh, Patent Counsel. Six of the 13 received checks with their patent notices.

It is anticipated that the other seven employees will receive checks when processing of their patents is completed. A new change in the NCPI allows for an additional invention incentive award under the new ruling.

Patents were granted to the following:

#### Code 35

Mel Creusere for an improved circuit for obtaining an output voltage to the product of two input voltages. He received a check for \$100.

Dave Kermode for a synchronous counter system. It is a telemetry circuit of simple design, requiring less power, and having greater range of transmission for missile control. He was granted a check for \$100.

#### Code 40

Bob Meade was granted a patent on a temperature responsive detection device where by an audible or visual signal is given if the IR detector cells become excessively warm.

Tony Simshauser was awarded a patent for an electrical squib separation device which separates two objects without imparting perturbation.

#### Code 45

Eli Besser and William Finne-

gan were granted a patent for a process for the compounding of nitrocellulose-base propellants. Besser also received an additional patent for a process for making an extrudable propellant.

Dick Breitengross and William Donaldson were awarded a \$100 check on a notice of allowability for their method for suppressing rocket motor exhaust flame.

Frank Crescenzo was granted a patent for a composition comprising nitrocellulose, nitroglycerin and oxides of lead or copper.

Bill Gey received a patent for additives for explosives which reduce the sensitivity of the explosive to mechanical shock.

Marty Kaufman was awarded a \$250 check and patent for his nitrocellulose propellants containing a dinitrile plasticizer, and a notice of allowability for plastic-bonded explosives.

#### Code 50

Ron Henry was granted a patent for his process of combining various chemical compounds which would increase the effect of a propulsion system from three to five per cent. He received a \$100 check.

#### Code 55

Pat Elder received a \$250 check and a patent for developing a tubing connection and seal capable of withstanding substantial internal pressure and adapted to repeatedly reform a seal when the tubing is repeatedly disconnected and reconnected.



PATENT AWARDEES — Capt. Leon Grabowsky, Executive Officer (left), and Pete Firsh, Patent Counsel (right), met with 12 NOTS inventors last Friday for a patents award ceremony. Recipients (l-r) are Tony Simshauser, Code 40; Pat

Elder, Code 55; Ron Henry and Bill Finnegan, Code 50; Dave Kermode, Code 35; Frank Crescenzo and Bill Gey, Code 45; Bob Meade, Code 40; Dick Breitengross, Bill Donaldson, Eli Besser, and Marty Kaufman, Code 45.

# Marines Elect NOTS for Tests Of 350 - Foot Line Charge

The Marine Corps, aware of the Station's variety of test facilities and its vast ranges recently assigned its project of testing the Corps' new Line Charge here.

The CT-4 Range area was the site of the testing of the 350-foot long charge which is used to blast a path through land mine fields for advancing troops and to clear obstacles from shallow water.

The charge is laid down by attaching a towline from the charge to a rocket, then the rocket is fired towing the charge over the desired terrain.

After the charge is detonated by remote control and the area cleared, the operation can be repeated by advancing the rocket

firing equipment through the clear area and another charge can be laid down.

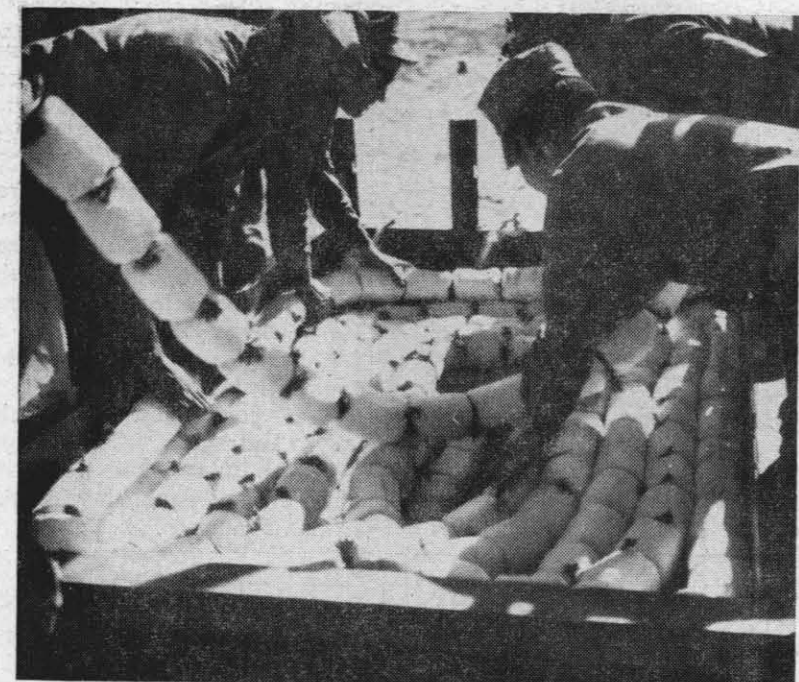
Line Charge is composed of six inch long sections of solid propellant tied off in sausage-like links in a nylon sleeve. The 350 foot long charge has an explosive force equal to 2,000 pounds of TNT.

Charge is placed in layers in a steel box pallet so line won't

be fouled when payed out as towing rocket is fired down range. Tracked Vehicle Test and Evaluation Detachment of Camp Del Mar.

Marine officers on hand to watch the firings conducted here were Maj. Mack McClure, Marine Corps Landing Force, Development Center, Quantico, and Maj. James Harris, Marine Headquarters, Washington, D. C.

The actual firing was done by Landing Force, Marine Corps Schools, Quantico. They were as-



350 FEET OF LINE CHARGE is placed in steel box pallet by Marines in preparation for firing. Explosive is tied off in six inch sausage-like links in the nylon sleeve.



FUSE IS ATTACHED to Line Charge after charge has been carefully placed in layers so line won't foul when payed out as towing rocket is fired down range.



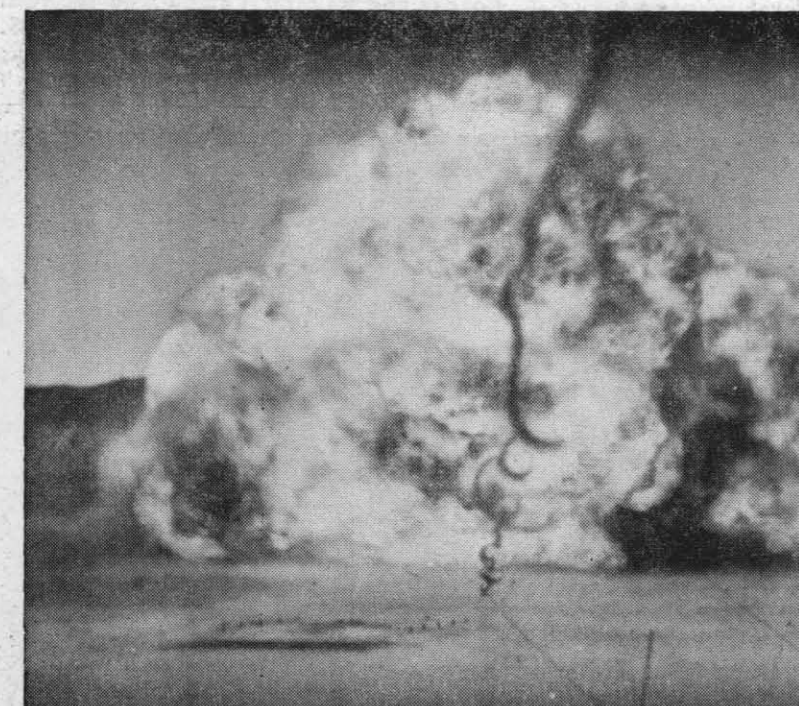
LINE CHARGE stretches 350 feet across terrain of CT-4



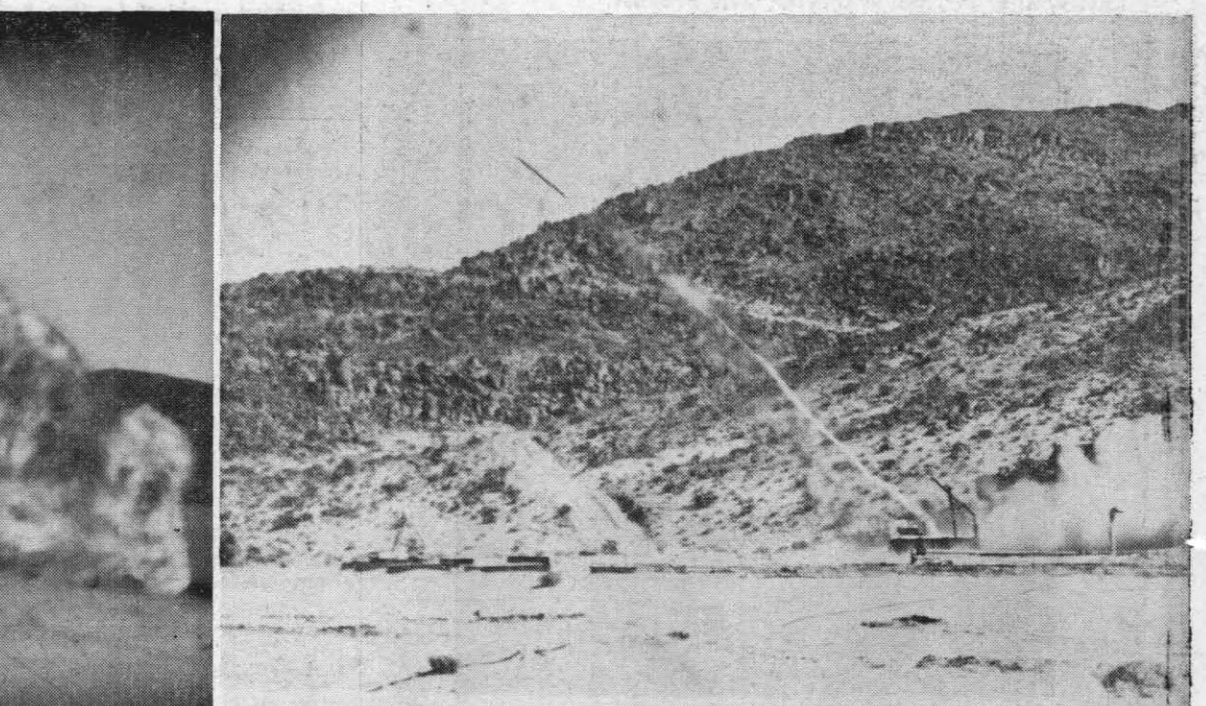
JIM VANOVER, coordinating engineer, and Maj. James Harris of Marine Headquarters, make final inspection of Line Charge prior to firing.



MARINES FASTEN towline of Line Charge to NOTS-developed 5-inch rocket. Rocket will tow charge down range. Charge can be used to clear land mine fields.



LINE CHARGE BLAST equivalent to the explosion of 2,000 lbs. of TNT rocks desert. End view of the 350-ft. long charge shows line which carries in its center the firing circuit.



ROCKET BLASTS OFF to lay 350-ft. of Line Charge over desert terrain at CT-4 Range. A 200-ft. long tail line containing firing circuit attached to charge enables personnel to detonate charge safely.

Photos By Bryce Cacek, PHAN