



TOYLAND OPENING — Capt. J. A. Quensé gets an assist from 2½-year-old Christy Corzine and Lt. John R. Covington, Navy Exchange Officer, as he cuts the ribbon marking the opening of Toyland last Friday. Al Wiruth, Merchandise Mgr. (far left), watches the operation.

May Have Set Navy Contribution Record



FIFTH CONSECUTIVE WIN — GMU-25 men accept from Capt. Blenman the Navy Relief Recognition Plaque which they have won for the fifth consecutive year. The Unit's contributions of \$10 per man may well be a new Navy record. The Navy Times recently stated that \$8 per man was the highest recorded average to date. Participants (l-r) are: Lt. Cdr. J. R. Griffin, Officer-in-Charge, Lt. (jg) W. E. Lockie and Harold Miller, Guided Missileman First Class.



NAVY RELIEF PINS — Maryland Rogers, Navy Wives and CPO Wives Navy Relief Chairman, and Capt. Blenman watch Mrs. Blenman present Shirley Fossum with a 100-hour Navy Relief pin. Mrs. Rogers accepted 100-hour pins for Audrey Turbett and Nell Davis. Mrs. Rogers and Mrs. Blenman both wear the Navy Relief Society's 600-hour pin.

Fire Inspectors Report

Demonstrations and inspections pertinent to Fire Prevention Week, October 8-14, were conducted on a Stationwide basis last Monday through Thursday by personnel of the Fire Branch. A summary of the fire prevention education program consists of 214 calls on homes: No one home, 161; homes inspected, 141; vacant homes, 8; not inspected due to sickness, 4. Fire hazards noted were: Electrical, 38; flammable liquids, 22; premises with scrap lumber accumulation, 14; special hazards, 4. Corrected fire hazards which were noted during the 1960 home inspections totaled 17. Films and fire prevention discourses were delivered to 1344 elementary school children in addition to adult personnel in various departments. Fire evacuation drills conducted on Wednesday were considered highly successful on the basis that all shops and buildings tested were evacuated within three minutes, including Michelson Laboratory. Senior Fire Protection Inspector John Seguire wishes to remind all tenants who were not at home when the Quarters Fire Bills were delivered that these should be prominently posted in order to be readily accessible in an emergency.

DOD Invitation, Symposiums, Draw Technical Personnel

The Department of Defense invited E. W. Price of the Research Department to attend an international meeting on Solid Rocket Combustion Stability. The meeting is scheduled for next Wednesday and Thursday at the facilities of the Canadian Armament Research and Development Establishment in Valcartier, Quebec. The United Kingdom will also participate in the meeting, which is to be conducted in informal round-table fashion to permit free and open discussion in the areas of transverse instability, axial instability, non-acoustic instabilities and erosive burning. Optical Society Several Research Department scientists attended the Forty-Sixth Annual Meeting of the Optical Society of America this week in Los Angeles. Dr. J. O. Porteus of the Physics Division is presenting a paper entitled "Specular Reflectance of Ground Glass" co-authored with Dr. H. E. Bennett. Dr. H. E. Bennett of the Physics Division is presenting a paper entitled "Infrared Reflectance of Evaporated Aluminum" co-authored with Dr. Jean M. Bennett and E. J. Ashley. James G. Moore of the Terrestrial Sciences Division is presenting a paper entitled "Instrument for Artificial Earth Satellites" co-authored with Dr. Sheldon D. Elliott. Will Visit NOTS Approximately 100 members of the Optical Society will arrive at China Lake tomorrow for a field trip. Dr. W. F. Koehler, Assistant Dean of Research at the U. S. Navy Postgraduate School at Monterey, will accompany the members. Navy Symposium Dr. W. R. Haseltine and R. O. Slaters of the Research Department attended the Fifth U. S. Navy Symposium on Aeroballistics this week at the U. S. Naval Ordnance Laboratory, White Oak, Silver Spring, Maryland. Slaters presented a paper entitled "Research in Secondary Injection for Thrust Vector Control Applications," which he co-authored with R. J. Geres, C. B. Benham and D. F. Johanson.

What's Doing In Recreation Art League Adopts Western Theme for Its Annual Party

Plans are in full swing for the Desert Art League's annual Arty Party, to be held at the Community Center next Wednesday. Doors open to the public at 7:30 p.m. and the drawing for paintings will begin promptly at 8. The event is open to the public.

The Arty Party features the selling of oil, watercolor, pastel and other media paintings by Art League members, who donate their work. Those wishing to buy paintings purchase \$4 tickets and ticket numbers are drawn. The holder of the first number has his choice of any painting in the group. The drawing continues until all tickets are called.

New Feature Planned An innovation this year will be a table of sketches and paintings, which will be sold at \$1 each on a first-come, first-served basis. The entertainment, immediately after the drawing, will carry out the Western theme with songs, dances and costuming. A Sweet Adeline octette will render barbershop harmony followed by guitarists and ballad singers Bud Sewell and Danny Lydon. The Cactus Squares will wind up the entertainment with an outstanding square dance exhibition. Bruce Wilson, GSC, will MC the event.

Tickets for refreshments and entertainment only are priced at 75 cents for those who would like to enjoy the festivities. Holders of \$4 tickets need not purchase separate refreshment tickets.

Tickets may be obtained from Ann Marie Tucholka, Ext. 74831, Lorraine McClung, Ext. 77813, or Helen Weals, Ext. 77571.

Gem and Mineral Show The NOTS Rockhounds are presenting their annual Gem and Mineral Show on November 4 and 5 at the Community Center. There will be no admission charge. Among the special layouts are the Randsburg Museum Gold Exhibit and the famous \$75,000 fire opal belonging to Ralph Dietz.

Lapidary equipment will be in operation and movies and slides for moments of relaxation will be repeated this year. Gifts in the form of jewelry and mineral specimens may be purchased, and door prizes have been selected.

Quarter Midget Races The new winter schedule will go into effect this Sunday as the Quarter Midget competition gathers.

Table with columns: Disabling Work, Injuries, 1960, To Date. Rows: China Lake, Pasadena, San Clemente, Total.

Promotional Opportunities

Present Station employees are encouraged to apply for the positions listed below. Applications should be accompanied by an up-to-date Form 58. The fact that positions are advertised here does not preclude the use of other means to fill these vacancies. Sheet & Plate Metal Worker, \$3.00 to \$3.24 p/h, Code 4553—Lays out, fabricates, assembles, and installs prototype and experimental parts and equipment made from various types of ferrous and nonferrous metals and alloys. Uses a wide variety of hand tools and power machines and works with different commercial stock shapes and forms. Rocket Propulsion Mechanic, \$3.00 to \$3.24 p/h, Code 4515—Installs, services and repairs liquid fuel rocket engines and related propulsion systems designed for use in guided missiles. File applications for above positions with Dixie Shannon, Room 26, Personnel Building, Ext. 7-2676. Ordnanceman (A & E-Test), \$2.84 to \$3.08 p/h, Code 4012—Assist in the modification, assembly, installation of various weapons and components. Set up and assist in experimental test operations, disassemble as necessary and assist in data-gathering procedures. Welder, \$2.93 to \$3.17 p/h, Code 4011—Through use of various welding tools and processes, assist in the modification, assembly and installation of weapons and components. Test Range Equipment Repairman, \$3 to \$3.24 p/h, Code 3049—Diagnoses trouble, disassembles, repairs optical instruments and components. Collimates and aligns lenses, prisms and optical projection systems. Sets up and operates machine tools to fabricate precision parts. Cleans, lubricates, assembles and adjusts tracking equipment. Performs final check on the adjustment and operation of the instruments. Clerk (DMT), GS-4, PD No. 10885Am, Code 3057—Incumbent acts as receptionist and performs all secretarial duties for the Metric Electronics Branch. File applications for above positions with Pat Dettling, Room 24, Personnel Building, Ext. 7-2032. Illustrator, General, GS-7 or 9, PD No. 21929, Code 7512—Illustrating reports, manuals, brochures and preparing slide art work. Editor, Printed Media, GS-5, 7 or 9, Code 7511—Writing and editing reports, brochures and manuscripts. FSEE required at 5 and 7 level. Editorial Clerk (Typing), GS-4 or 5, PD No. 050060, Code 5007—Prepares, types and proofreads manuscripts, reports and publications. Performs secretarial duties for Head of the detonation physics group. Physicist, GS-7 to 11, Code 5009—Conducts applied research involving electronics, optics, infra-red and acoustics on projects exploring feasibility of new ideas and new solutions to existing or recurring problems. Clerk-Typist, GS-3, PD No. 055086, Code 5551—Incumbent types official letters and transmittals from rough drafts or verbal instructions and is required to maintain correspondence and official document files. File applications for above positions with Wilma Smith, Room 31, Personnel Building, phone 7-1393. Deadline date for all applications: October 27.

Sports Slants

Special Services has made bowling available to Station residents for afternoon play. The hours of this additional recreation are 1 p.m. through 6 p.m. Monday through Friday and from 1 through 11 p.m. on Saturday and Sunday.

Tom Short and Jim Downard, bowling alley managers, have announced that personal instructions are available at no extra expense. Cost per line remains the same and new shoes for rental are on hand. The Snack Bar in the establishment is open the same hours.

Results of the Blind Partners Golf Tournament held last Saturday on the local links found the winning team to be Warren Murbach, Larry Delaney, Bill Short, and Chuck Falterman. The team of J. R. Russell, J. Machowsky, M. Wolfson, and R. Gotner tied for second place honors with J. Davis, W. Stelzmler, R. Koehman, and H. Turner. Nominations of officers in the China Lake Golf Club will be held at the next regular meeting of October 26.

Table with columns: Team, Won, Lost. Rows: Flintstones, Tired Squaws, Team No. 2, Team No. 3, Velvet Steps, China Dolls, DB's, Road Runners.

Crew's News

A certificate of transfer to Fleet Reserve was received last Monday by Chief Richard N. Boden from Lcdr. Barrington, CO, Enlisted Personnel. Boden entered the service from Minnesota in 1940 and was a member of the Dewey's crew which participated in many Pacific battle engagements.

A qualified deep sea diver, he was assigned to the Atlantic Fleet during which he was awarded a permanent commendation, citation and the Navy and Marine Corps Medal, for outstanding performance in hazardous duty.

It was during his tour of duty with the Rhine River Patrol in Germany that he met and married his attractive wife, Erika.

Reporting to take over Chief Boden's diving locker is Chief Mineman John DeHahn, from the USS Oriskany.

Art Woelfel, IC2, from the Commissary Store, has been released to inactive reserve status. He plans to enroll at Texas University.

Dental Department welcomes Jim Arinduque, Dtl; John A. Carlin and William A. Bomar, both SA's, are aboard for indoctrination prior to reporting to school at San Diego.

Congratulations to Leo K. Knight, HM2, of the Medical Department on his six-year reenlistment. He's looking forward to a 30-day leave in the very near future.



GIFT FOR CROW'S NEST — Pat Hallisey, president, and in behalf of the Acey Deucey Wives Club, presents a modern wall clock to the Crow's Nest Club Manager Darryl Hudson, GMI, (r) and Edward J. Kellner, CWO-2, during an informal tea held on October 2 at the Crow's Nest clubhouse.

News From Pasadena Sequence Photography of Data Recordings Result in Unique Animated Film on Behavior of Internal Waves



INTERNAL WAVES ANIMATED — Internal waves are animated photographically by Herbert J. Summers (standing) and Harold D. Palmer. Adjusting the model to show data recordings taken at 15-minute intervals during a 24-hour period, the documentary film will show the movements of internal waves. The film will supplement reports on studies conducted in March and August of this year — the most comprehensive of its kind known to have been made.

Multiple ship arrays participated in the studies throughout two 24-hour periods during which bathythermograph readings were taken at 15-minute intervals. Readings provided a continuous trace of temperatures to a depth of 200 feet. Precise timing was observed by all ships with readings being taken at the same time by each ship. In addition to temperatures, samples were taken to determine salinity, profile of the ocean floor was plotted, and readings taken of direction and speed of surface currents, and winds. Data from these studies were compiled and form the basis of the film now near completion. Using models of plywood and styrofoam, the ocean profile is depicted. By making adjustments on the model to conform to data recordings and shooting a sequence corresponding to each 15-minute interval reading, the film shows the active movements of internal waves—adding to man's knowledge of the secretive ocean.

Community Chest Drive Begins This Week

Kicking off the 1961 Community Chest Fund drive at NOTS Pasadena on Monday, W. E. Hicks, Associate Head of UOD signs his Pledge as Department Secretary Peggy Higgins calls on him as a Volunteer worker. Keymen throughout the Annex will call on all employees for their support during the drive running from October 16 to November 3.

Promotional Opportunities

To apply for positions below, contact Nancy Reardon, Pasadena Personnel Division, Extension 104. Ordnance Technician, GS-11, PD No. ... Code P80303. Duty Station: Long Beach — Serve as Assistant to SCI Engineering Director for insuring safety of test operations at SCI including hardware, circuitry and procedures. Job requirements: Minimum of five years experience in testing ordnance involving explosives plus ability to review fire control and other circuits involved, and determine safety. Closing Date: October 27. An up-to-date form SF-58 must be submitted when applying for this position. Ordnanceman (A&E Test), Salary range \$2.78-\$3.02 per hour (subject to October increase), Code P8091. Duty Station: Long Beach, with frequent travel to SCI and Seal Beach — Receive, prepare and expend explosive, rocket and underwater ordnance. Must be capable of working with rockets, explosives, rocket launchers, squib meters, gunners' quadrants, optical spotting equipment, and communications equipment. Incumbent will be required to perform arduous tasks connected with test range maintenance and upkeep. Closing Date: October 27. Electronic Mechanic, Salary range \$2.94-\$3.18 (subject to October increase), Code P8051. Duty Station: Pasadena. Closing Date: October 27. Fire Protection Inspector, GS-7 (2 vacancies), Code P1914. Duty Station: Long Beach — At San Clemente Island, accomplish fire protection service, including fire prevention inspections, written inspection reports, training of fire brigades, direction of fire fighting and operation of fire equipment. Includes driving of fire trucks. Individual 40-hour rotating work weeks to provide seven-day week manning at SCI. 24 hour call. Closing Date: October 27. UOD — Eldon Dunn, Supervisory Mathematician, P8053. Termination Mark Hanna, Production Specialist in Engineering, on disability retirement.

Don't run away! Lick your problem with a good Benny Sugg!

