









**SOLDER PRINTED WIRING BOARDS EXAMINED** — Capt. Frederic H. M. Kinley, NWC Vice Commander, and Dr. G. W. Leonard, head of the Engineering Department, examine samples of solder printed wiring boards which represent the work of students who have just completed a new course in High Yield/High Production Soldering offered at NWC. Seated is J. W. Brittain, an employee in the Engineering Department's Soldering Technology Branch, who was among the first 11 students to take this course. —Photo by Ron Allen

### 1st class in High Yield/High Production Soldering conducted

The first class of 11 students who have been enrolled in what is a new approach to High Yield/High Production Soldering training recently completed 80 hours of instruction aimed at optimizing production efficiency of manufactured electronic hardware.

The goals of this specialized instruction were accomplished through lectures and "hands on" experience in both manual and machine soldering.

The class, which was designed and directed by Jim Raby, head of the Soldering Technology Branch in the Engineering Department's Product Assurance Division, was held in the Naval Weapons Center's Soldering Technology Lab.

**Experts Called On**

Raby, who was the lead instructor, called upon experts in the wide variety of subject matter that was covered to answer specific questions and serve as lecturers.

The two-week training program included theory and practice in such areas as solderability and solderability testing, printed circuit boards, fluxes and cleanliness, component preparation, soldering irons and heat transfer, hand soldering and automatic soldering, inspection, and soldering specifications.

Students soldered by hand and operated the flow solder machine to solder printed wiring boards. They then cleaned these boards (using a production solvent system) and tested for cleanliness using automated test equipment.

**A Significant Step**

The subject matter and format of this High Yield/High Production Soldering Course is considered a significant step in the beginning of a standardized training program offered by the Soldering Technology Branch (Code 3681) to both government and industry.

Because of the wide variety of organizations participating, it also will double as a soldering technology information exchange program.

Headquarters of the Naval Material Command recognizes NWC's Soldering Technology Branch as a center of Navy expertise in the field of soldering technology. In view of this, it is anticipated that the soldering technology program will

### Summer Employment Exam information announced by CSC

The Civil Service Commission has adopted a new method for filling summer jobs from among those who take the annual Summer Employment Examination.

Because of this, all applicants for summer jobs at the Naval Weapons Center should file for the written test under Group 1 in the Summer Announcement, and may do so during the period from Jan. 4 through 27, 1978.

Those interested in summer employment may file with the CSC office having jurisdiction over the geographic location where they wish to take the written test, which will be administered during the month of February. The application forms will be available in January.

Applicants for clerk-typist and clerk-steno positions will be required to submit proof of proficiency, unless they were employed in similar positions last summer by the Federal government, in which case proof of proficiency is not required.

After taking the examination, summer employment applicants may apply directly to Federal agencies between March 15 and May 1, 1978. Any applications that are postmarked after May 1, 1978, may not be accepted.

There is no restriction on the number of agencies to which an applicant for a summer job may apply, but in each case the applicants should submit the following items with each agency to which they apply:

- 1. A photocopy of their notice of results from the 1978 summer employment written test.
  - 2. A completed copy of the application form especially designed for Federal summer employment consideration. (This form, together with instructions on its use, will be sent to applicants at the time they are scheduled for the written test.)
  - 3. Proof of 10-point veteran preference (SF-15 and appropriate documentation), when applicable.
- The rating made by applicants on the written test and the rating to which veteran preference points have been added will be used to rank qualified candidates on an agency list of eligibles.

### Immunization clinic scheduled Monday at Kern County Bldg.

One of the best Christmas presents that parents can give their children is to be sure that they are immunized against the common childhood diseases, according to Dr. Leon M. Hebertson, Kern County Health Officer. A free immunization clinic for children from 2 months through 17 years of age will be held in the old county building at 230 W. Ridgcrest Blvd. on Monday starting at 9 a.m.

The clinic is open to the public and no appointments are necessary, but parents or legal guardians must accompany the children to sign consent slips.

Increasing numbers of the state's children will be protected against measles and other contagious diseases as a result of two laws passed last year by the California State Legislature.

SB-942 requires that children must be immunized against diphtheria, pertussis, and tetanus (DPT); measles, and polio before they can enter any public or private schools unless the child is exempt due to personal beliefs of the parents. The schools have legal authority to exclude students who fail to comply with immunization requirements.

SB-967 will provide state compensation for medical expenses to families of children suffering unavoidable severe adverse reactions from state-mandated immunizations. It will also exempt from liability all medical personnel from any severe reaction or injury problem resulting from administering a state-mandated vaccine, except when there is willful misconduct or gross negligence.

In this area, children may obtain immunizations either from their family physician or from the Kern County Health Department clinics.

Those seeking more information about either the immunizations or the clinics may contact the Kern County Health Department office in Ridgcrest by calling 375-1306.



**MAJOR SAVINGS** — LCdr. H. A. Wells, Assistant Public Works Officer, congratulates Fred Anderson, an employee in the Mechanical/Structural Branch in the Maintenance-Utilities Division of the Public Works Department, on receiving a \$565 award for a Beneficial Suggestion. Anderson designed a tool for turning generator rings that can also be used for other kinds of turning. Use of this tool will result in reduced man-hours required for the turning operation; estimated saving to the government for the first year is \$10,535. —Photo by Ron Allen



**COMMENDATION NOTED** — Rear Admiral William L. Harris, NWC Commander, presents a letter of commendation and his congratulations to Mess Management Specialist 1st Class Bruton A. Dean for his work on behalf of the NWC "Sidewinder" Drill Team and Color Guard. The letter of commendation stated in part that "under your skillful and dedicated leadership, the drill team and color guard have become a truly professional unit reflecting great credit upon the Navy and the Naval Weapons Center." MMI Dean is being transferred to the USS Cook.

### Speakers at traffic safety program provide good advice for holiday season, or any other time of year

A well-rounded program covering good driving practices at any time of the year, and the increased hazards of driving during the holiday season when there is apt to be an increased number of motorists on the road who have had a few drinks under their belt before they got behind the wheel of their car, was presented Monday at the Center theater.

For those who couldn't make the 8 a.m. presentation, NWC's annual holiday season traffic safety program was repeated at 2 p.m. The participants, who were introduced by Harry Parode, Public Information Officer in the morning, and by Capt. Frederic H. M. Kinley, NWC Vice Commander, in the afternoon, were:

Sgt. Bob White, of the China Lake Police Division; Cdr. M. J. Cowell, NWC's staff judge advocate, who conducts the Center's Traffic Court; Sgt. Mike Dunlap, of the California Highway Patrol; Charles Porter, judge of the East Kern Municipal Court; and Lynn Lacey and Ken Burton, two members of the Committee on Responsible Drinking.

The audience was prepared for the varying bits of information provided by the speakers by the showing of a film entitled "Knowing How to Drive Is Not Enough." The message hammered home by the movie was one in which viewers were urged to develop the habit of continually adjusting their vehicle speed, and the distance between their car and the one they are following, depending upon driving conditions.

**Watch Out for Others**

Drivers also were cautioned to be alert and anticipate possible mistakes by others. Know what evasive action to take when necessary, and drive within the limitations of the car you are operating were other lessons emphasized in the film.

The audience at the holiday season traffic safety program also heard a tape recording of the comments from an anonymous Center employee who outlined the problems which he faced as the result of committing a second "driving while under the influence (DWI)" offense on the Center.

The "live" portion of the program began with a skit by Lacey and Burton which covered the options that are preferable to permitting a friend who has too much to drink at a party to drive himself home when it is unsafe for him to do so. Suggestions ranged from calling a taxi or the host offering to drive the inebriated party-goer home, to offering him a place to stay right there that night.

**Dec. 31 is deadline to file claims for CHAMPUS care in '76**

Dec. 31, 1977, is the deadline for submitting 1976 claims under the Civilian Health and Medical Program of the Uniformed Services (CHAMPUS). Any claim for care received between Jan. 1, 1976, and Dec. 31, 1976, that is not submitted by the deadline cannot be paid.

A CHAMPUS beneficiary with a 1976 claim that has not been submitted should get it in the mail as soon as possible. Also, if a civilian provider of medical care agreed to submit a 1976 claim directly to CHAMPUS and has not done so, the beneficiary should remind the provider about the deadline.

The deadline for submitting a CHAMPUS claim is the last day of the calendar year following the calendar year in which a service or supply was provided.

### 8th annual children's Christmas parade will take place tomorrow in Ridgcrest

"The Spirit of Christmas" is the theme for the eighth annual children's Christmas parade scheduled for 1 p.m. tomorrow in Ridgcrest.

Entries will be judged prior to the parade at the starting point of the procession, which is the intersection of Drummond Dr. and N. Warner St. The parade will proceed east on Drummond Dr. to China Lake Blvd., south on China Lake to Ridgcrest Blvd., then west on Ridgcrest Blvd. to Ridgcrest Park, where the awards for best entries will be presented at 4 p.m.

Entries range from floats constructed by local groups to individual displays. Marching units include a 30-person Color Guard sponsored by the Ridgcrest Recreation Department and the Naval Weapons Center's Sea Cadet marching unit and color guard. Both the Murray School band and the James Monroe School band will also take part in the parade.

Chi Lambda Chi sorority members, dressed as clowns, will distribute gifts to children along the parade route.

Dr. Larry Stevens and Dr. Jim Henry will be the parade announcers, and Wardna Abernathy, will present the awards for entries most closely related to the parade theme.

**Sailor of Month . . .**

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in his current work at VX-5.

Born in Burbank, Calif., AK2 Wendt considers Newbury Park, Calif., as his home town since that is where he grew up and graduated from Newbury Park High School. He joined the Navy directly from school in order to get a broader view of the world and its people, although he does not plan on a Navy career.

AK2 Wendt's hobbies included differing kinds of art work, mainly painting and sketching. He plans to take college classes following his separation from the service.

He and his wife Stephanie expect their first child in January.

For his selection as Sailor of the Month, AK2 Wendt will receive a 96-hour liberty pass and a free dinner for two at The Shuttle.

### New books listed at NWC library

A complete list of new books is available in the NWC library. Library hours are: Monday thru Friday: 1-9 p.m.; Saturday & Sunday: 12-4 p.m.

Centerites are reminded that all employees or military personnel, regardless of their place of residence, are welcome to use the NWC library.

- FICTION**
- Lawrence Block—Burglars Can't Be Choosers
  - Terry Brooks — The Sword of Shannara
  - Elizabeth Cullinan—Yellow Roses
  - Clifford D. Simak — A Heritage of Stars
  - Paul Theroux—The Consul's File
- NON-FICTION**
- Andrew J. DuBrin—Managerial Deviance: How To Deal With Problem People in Key Jobs
  - Martin A. Larson—The Story of Christian Origins
  - Dan Rather—The Camera Never Blinks: Adventures of a TV Journalist
  - Ivan Van Sertima—They Came Before Columbus: The African Presence in Ancient America
  - Daniel Yergin—Shattered Peace: The Origins of the Cold War and the National Security State.

**Next ROCKETEER will be final issue in '77**

The ROCKETEER issue next Friday, Dec. 16, will be the final publication of the year. The Center newspaper will resume publication in 1978 with the issue dated Jan. 6.

In view of this, all clubs, organizations and other groups that would like to publicize special holiday activities are reminded to submit such information to The ROCKETEER office no later than Tuesday, Dec. 13.



**LONG SERVICE** — Both Jack H. Kirkpatrick (at left) and Victor D. Bizon were congratulated by Aircraft Department Head Capt. S. I. Stocking on completing 35 years of Federal service each. Kirkpatrick is a model maker in the Targets Instrumentation and Evaluation Branch of the Code 61, while Bizon is an electronics technician in the Instrumentation Evaluation Branch of the same department.