

### CENTER HAPPENINGS

The Commissioned Officers' Mess will present The Drifters, starring Bobby Day, on Saturday, Sept. 7.

The well-known group will perform two floor shows — one at 9:30, and the other at 11:30 p.m. COM patrons may come for the buffet dinner, which starts at 6 p.m., and see both floor shows, all for \$8 per person.

Those who wish to pass up the meal and see only the floor show can do so by arriving at 9 p.m., and pay only \$4 per person.

A limited number of tickets are available. Reservations may be made by calling the COM, 446-2549.

Drake Dierkhising, manager of the club, stated that all members and their guests are welcome to attend this special event.

#### Social Security Agent Due

A representative of the Social Security office in Lancaster will pay another of her regular series of monthly visits to China Lake next Wednesday, Sept. 4.

Persons wishing to apply for a Social Security number or obtain information about seeking Social Security benefits can do so at the Community Center between 8:30 and 11 a.m.

#### Dance Set at Jolly Roger

All members of the Chaparral Club and the Jolly Roger are invited to a record hop tonight, beginning at 9 o'clock, at the Enlisted Men's Club.

Walt Schimke, club manager, stated that members should bring their guests for an evening of fun and enjoyment.

#### Supervisors Plan Meeting

The next regular meeting of Chapter 28 of the National Association of Supervisors will be held at 11:30 a.m. on Wednesday, Sept. 4, in the Sun Room of the Commissioned Officers Club.

Members are urged to attend and guest supervisors are always welcome, Wayne Jackson, president, stated.

#### Model Railroad Club News

The first meeting of the new season of the IWV Model Railroad Club, will be held next Thursday, Sept. 5, at the clubhouse, 401-D McIntire St., China Lake.

Person already enjoying the hobby, who do not belong to the club, are especially invited to attend. In addition, those who have always wanted to get into model railroading are also invited.

The meeting will begin at 8 p.m.

#### Workmen To Start Heaters

Public Works craftsmen will be turning on heating systems in Old Normac, LeTourneau and Wherry housing during the period Sept. 3 through Nov. 8.

Entrance into each unit is required. Tenants with special situations who require notification prior to entry are asked to call James Svitak, at the NWC Housing Office, Ext. 2082 or 3122.

### Labor Day Business Hours Listed

Labor Day will be observed by a holiday at the Naval Weapons Center on Monday. The following businesses and recreational activities will be open during the hours listed below:

Facility	Hours of Operation
Hall Memorial Lanes	11 a.m. to 11 p.m.
Golf Course Pro Shop	6:30 a.m. to sunset
Golf Course	6:30 a.m. to sunset
Gymnasium	11 a.m. to 6 p.m.
Sanquist Spa	Reservations Only
Swimming Pool at Gymnasium	11 a.m. to 6 p.m.
Chief Petty Officers' Club Swimming Pool	11 a.m. to 6 p.m.
Commissioned Officers' Mess Pool	10 a.m. to 9 p.m.

Theater  
The Youth Center, Auto Hobby Shop, Camping Equipment Issue Room, Ceramic Shop, Community Center, Hobby Shop Complex, NWC Library, and the Skeet and Trap Range all will be closed for the holiday.

#### Employee Services Bd. Facilities

With the exception of Fazio's Market, which will remain open from 10 a.m. to 7 p.m., all ESB facilities will close for the holiday. This includes the barber shop, beauty shop, child care center, food services, laundry, pharmacy, and service station.

In addition, all Navy Exchange facilities will close Monday in observance of Labor Day.



**PLANNING SESSION HELD** — Members of the Docents Committee of the Maturango Museum, led by Mrs. Lorrie Van Hagan (center), met Tuesday morning for coffee at the Van Hagan residence to make preparations for the coming year. Shown with the hostess are Mrs. Shirley Moncsko (at left) and Mrs. Josephine Hoxie, two other members of the committee charged with the responsibility for seeing that guides are available during the hours that the museum is open to the public on weekends. —Photo by Ron Allen

### Museum Docents Meet To Plan Schedule of Next Year's Events

An organizational meeting of the Maturango Museum's Docents Committee was held Tuesday morning at the Ridgecrest home of Mrs. Lorrie Van Hagan, the group's chairperson.

Purpose of the get-together was to set up the year's schedule, discuss coming events and acquaint the individual chairwoman for each month with her responsibilities.

Starting on Saturday, Sept. 7, the Docents (all volunteers) will act as hostesses and guides during the hours that the Maturango Museum is open to the public, which is every weekend from 2 to 5 p.m.

Anyone interested in visiting the museum, but who does not have regular access to the Naval Weapons Center, can obtain what is called a "Whiz Pass" at the NWC main gate pass office. Such passes must be signed

by the docent on duty at the museum.

All women residents of Indian Wells Valley who are interested in volunteering one or two days a year of their time to act as a hostess at the Maturango Museum are asked to call Mrs. Van Hagan (ph. 375-5313), or any of the following members of the museum's Docents Committee:

Mrs. Betty Brown, 446-3993; Mrs. Fran Crawford, 446-3125; Mrs. Lou Hillyer, 446-2835; Mrs. Josephine Hoxie, 446-6184; Mrs. Shirley Moncsko, 375-9593; Mrs. Helen Reynolds, 446-5880; Mrs. Ada Scarborough, 446-2214; Mrs. Linda Scott, 375-5896, or Mrs. Pat Silberberg, 446-5007.

Mrs. Rowland G. Freeman III, wife of RAdm. Freeman, NWC Commander, serves as advisor to the docents.

Throughout the summer months, students have assisted by welcoming visitors to the Maturango Museum, where exhibits include displays of Indian artifacts, desert plants, insects and wildlife, geological formations and petroglyphs found in the Indian Wells Valley and nearby areas.

A separate, but adjoining building, contains numerous models of missiles and weapons systems designed and tested by NWC engineers and scientists. It also is open to visitors during the same hours that the Maturango Museum is open.

#### Square Dance Class Set

A square dance class for beginners will be offered by the Cactus Squares Dance Club, starting next Wednesday, Sept. 4, at 7:30 p.m. in the Community Center.

Registration will be taken during the first three class sessions—on Sept. 4, 11 and 18—which will be designed especially to acquaint all interested persons with the fun and routine of square dancing.

These preliminary lessons will be followed by 27 consecutive Wednesday night classes to complete the course that is to be conducted by George Thornburg, the Cactus Squares' instructor.

### SHOWBOAT

**MOVIE RATINGS**  
The objective of the ratings is to inform parents about the suitability of movie content for viewing by their children.

(G) - ALL AGES ADMITTED  
General Audiences  
(PG) - ALL AGES ADMITTED  
Parental Guidance Suggested  
(R) - RESTRICTED  
Under 17 requires accompanying Parent or Adult Guardian  
CS - Cinemascope  
STD - Standard Movie Screen  
Regular starting time—7:30 p.m.  
Matinee—1 p.m.

FRI. 30 AUG.

"FUZZ" (93 Min.)  
Burt Reynolds, Raquel Welch  
(Comedy Drama) This is a story about the bumbling efforts of several plainclothesmen to track down an extortionist whose death threats against certain men in high office are made and fulfilled. (PG)

SAT. 31 AUG.  
"MRS. POLLIFAX—SPY" (110 Min.)  
Rosalind Russell, Darren McGavin (G)

—EVENING—  
"THE REVENGERS" (108 Min.)  
William Holden, Ernest Borgnine  
(Western) Holden is a tough but gentle rancher whose family is slaughtered by renegade Indians one day while he is out hunting. His life from that bloody point on becomes a quest for revenge. (PG)

SUN. & MON. 1-2 SEPT.

"ZARDOZ" (106 Min.)  
Sean Connery, Charlotte Rampling  
(Fantasy) The year 2293 sees the earth as a wasteland (called the outlands) in which exterminators kill the brutals (inhabitants of the dying world) on orders of Zardoz, a flying gothead of stone. Zardoz is actually the work of Niall Buggy, member of the Vortex, a technological commune in which aging has been conquered and death is unknown. Exterminator Sean Connery penetrates the Vortex after shooting Buggy. One of the few who can breed, the outlawed arouses the entire commune. Sara Kestleman wants to keep Connery alive for research, while Charlotte Rampling believes he poses a threat to their existence. Connery restores the apathetic spirit, just before the Vortex is invaded by exterminators. All are killed but Connery and Rampling, now drawn to him. They mate, have a son, age considerably and die. (R)

TUES. & WED. 3-4 SEPT.

"THE SILENT ONE" (118 Min.)  
Lino Ventura, Robert Hardy  
(Drama) Anton Haliakov (Lino Ventura) belongs to a delegation of scientists sent to London on a study program. One evening, the scientist's car is driven off the road by another car. Haliakov is rushed to the hospital, his family is informed that he is dead. There was no use struggling, he had to answer all the questions put to him by the men in Intelligence Service. So the purpose of the mock accident and kidnapping was to get Haliakov to give the names of two English physicists who are traitors employed by the U.S.S.R. It is told that if he gives in to their request he will be given a new name, money and asylum in the west.

Haliakov wants to live, so he gives in. The two English spies are arrested just as they are about to board a plane to the U.S.S.R. Haliakov finds himself with a fake passport, lots of money and "free" standing on a London sidewalk. Free! That is with death at his heels and an ever-mounting fear that makes him see an enemy in every stranger and trap in every shelter. (PG)

THURS. & FRI. 5-6 SEPT.  
"DUCK YOU SUCKER" (138 Min.)  
Rod Steiger, James Coburn  
(Action Drama) Rod Steiger plays a Mexican peon-turned bandit who swarms of sons of all ages serve as his gang. (PG)

'Sheba' Tryouts Slated  
Robbie Robbins, who will direct "Come Back Little Sheba" for the China Lake Players, has set tryouts for the play on Tuesday, Wednesday and Thursday at the Players' hut, 405 McIntire St.

Auditions will begin at 7:30 p.m. There are roles for both men and women in the show.

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

To: \_\_\_\_\_



Naval Weapons Center  
China Lake  
California

Aug. 30, 1974  
Vol. XXIX, No. 34

## Two Astronauts Visit NWC for Briefing Lot of Ground Covered During One-Day Tour

A whirlwind briefing aimed at familiarizing two U.S. astronauts with a number of scientific developments and weapons system programs that are a part of the on-going activity at the Naval Weapons Center was conducted here on Thursday of last week for Navy Capt. Alan L. Bean and Cdr. Bruce McCandless II, USN.

Capt. Bean, who was the lunar module pilot on Apollo 12—man's second lunar landing, Nov. 14-24, 1969—is now in training as backup space commander of the U.S. flight crew for the joint American-Russian Apollo-Soyuz test project tentatively scheduled for launch next July.

Cdr. McCandless, who has been a NASA astronaut since April 1966, was a member of the astronaut support crew for the Apollo 14 mission and was the backup pilot for the first manned Skylab mission. He is currently assigned to the space shuttle project.

#### Other Activities Visited

The two astronauts, who came here following a visit to the Naval Missile Center at Point Mugu, are participating in a CNO program that is designed to provide them closer contact with current programs by means of tours and briefings at certain Naval activities.

The two distinguished visitors were the guests of honor during a reception held at the Commissioned Officers' Mess on the evening preceding their day-long briefing, and the next morning their up-date on a number of widely varied programs being carried out at NWC began.

The day's program opened in the Management Center of Michelson Laboratory with a welcome from Rear Admiral R. G. Freeman III, the NWC Commander, and the showing of a film



**ASTRONAUTS WELCOMED**—As a prelude to their day-long briefing on Thursday of last week, Rear Admiral R. G. Rowland III (at left), Naval Weapons Center Commander, welcomed two U.S. astronauts, Cdr. Bruce McCandless II and Navy Capt. Alan L. Bean (at right), to China Lake. As a special memento of their visit, RAdm. Rowland also presented each of the special visitors with an NWC plaque, which they are shown holding. —Photo by Ron Allen

entitled "Highlights of Major Weapons Programs." Many of those involved in the presentations to the astronauts made note of the fact that Capt. Bean and Cdr. McCandless, because of their extensive training, were easy to brief—grasping quickly the essentials of many diverse and complicated matters that were presented to them.

#### Missile Test Facilities Checked

After leaving the Management Center, the astronauts' first stop was at the Engineering Department's AIM-9H and AIM-9L simulation facility, as well as at the Sparrow Lab, where Jim Bowen, head of Code 55's Product Design Division, showed them the automatic test set up for the Sparrow missile system and its components. Cdr. McCandless' comment at this point was that he was glad to know the Navy had this

capability. Next, in the Research Department, products of Code 60's efforts in the chemiluminescent field were shown, along with the nitrogen dye laser and the scanning electron microscope. The latter instrument is capable of determining the structural composition of a sample of some unknown material without destroying it—something which was done with contents of a small vial containing particles of rocks that had been brought back to earth from the moon by Capt. Bean.

#### Research Dept. Guides

Dr. Hugh Hunter, department head, and Dr. Aaron Fletcher, acting head of the Physical Chemistry Branch, were the astronauts' guides through a part of the Research Department.

A demonstration of the Walleye/Conдор missile tracking system was then staged for

(Continued on Page 3)

## 20th Anniversary Milestone Of Tech Information Dept. Marked

On July 1, 1954, through the initiative of Dr. W. B. McLean, then Technical Director of the Naval Ordnance Test Station (now NWC), a new approach to organizing the technical information functions at the Station was inaugurated. It was called the Technical Information Department (TID), now observing its 20th year of existence.

"Dr. McLean knew what he wanted," says C. E. Van Hagan, current head of TID, who has been with the organization since its inception. "He visualized a group that would be able to collect, prepare, and make available to a highly varied audience through reports and visual aids, the ideas, experiments, prototypes and products of a vast laboratory operation."

#### First Department Head

The Technical Director reached out to the Salt Wells Pilot Plant, which was closing, and tapped K. H. Robinson to head up the new department. "Dr. McLean was aware that a laboratory produces paper as well as hardware," Robinson recalled. "He wanted me to consolidate the information functions at NOTS with primary emphasis on visual impressions—still photographs, slides, motion pictures and displays. Its purpose would be to tell about what was going on at the Station," he added.

In the past 20 years, TID has performed so

successfully that it has evolved into one of the leading organizations of its type in the U.S. Navy. "It wasn't easy," Van Hagan, who was head of the Publishing Division for 17 years, remembers. "A good portion (approximately one-third) of our personnel were stationed at the Pasadena Annex. Composition, paste-up and proofreading people were at Pasadena, while the writers, editors and illustrators were at China Lake. Just completing a report was a real hassle," he commented.

#### Key Personnel

Robinson's immediate staff consisted of D. T. McAllister, senior consultant; Van Hagan, head of the Publishing Division; M. F. "Judy" Canova, who ran the Technical Library; Carlos Elmer, chosen to lead the newly formed Presentations Division; and Kermit Ross, who headed the Patent Office.

By the end of the first year's operation, the bulk of TID had been moved to China Lake. During that year, many problems were solved in relation to space, personnel and the consolidation of information functions. The leaders in TID carried on with "business as usual" despite the many headaches involved in relocating, building, and growing. "That business was always our end goal—developing an information

(Continued on Page 5)



Capt. R. D. Franke

## Local Rotary Club Hears Talk By Capt. Franke

"Returning to California is almost like coming home," Capt. R. D. Franke, NWC Deputy Commander, told an audience composed of China Lake Rotary Club members Wednesday noon at The Hideaway.

Why he feels this way, the Rotarians' guest speaker explained, is because he has spent about half of his 23-year-long Navy career either in the Golden State or on board California-based ships.

During an informal presentation that included the showing of several vugraphs to illustrate the particular points he was making, Capt. Franke covered a wide variety of information. His comments ranged from his own background and preparation for the responsible post he now holds at NWC, to the scope of weapons development work and scientific programs being carried out at China Lake.

Also included was pertinent data about the impact of the Naval Weapons Center on the economy of the local area. On this latter point, the NWC Deputy Commander predicted that in view of the stabilization in the number of the Center's employees and military personnel, coupled with an increasing workload, there will be an additional need for more support from contractors and that Ridgecrest will benefit from this.

His duties in Washington before coming to the local desert area, Capt. Franke noted,

(Continued on Page 4)



**A LITTLE HELP**—Charles E. Van Hagan, head of the Technical Information Department, prepares to cut a 20th anniversary cake while TID illustrator Tom Boyd gives him a little advice. The cake cutting ceremony took place during the recent 20th anniversary party held by TID employees at Inyokern Park. In the background are K. H. Robinson (l.), the first head of TID, and D. T. (Ted) McAllister, who has been senior consultant to the department since its inception.



PREPARING FOR BRIEFING — George Linsteadt (c.), NWC's Technology Utilization Officer and head of the DoD's Technology Consortium, briefs Jerry Miller (l.), of the Naval Electronics Laboratory Center, San Diego, and Jerry Beall, from the Naval Ordnance Lab, White Oak, Md., during the recent National Legislative Conference, in Albuquerque, N. M. The trio talked to state senators and representatives about the Department of Defense's Technology Transfer Program. More than 2,500 persons registered for the conference.

Navy Exchange Business Hours Clarified

Additional information was provided this week by Lt. E. N. Smith, Navy Exchange officer, regarding the hours of operation of facilities that fall within his area of responsibility.

Patrons of the Navy Exchange Retail Store will find it open for business on Monday, Tuesday and Friday, from 10:30 a.m. to 5:30 p.m.; on Wednesdays, from 9 a.m. to 5:30 p.m.; on Thursdays, from 9 a.m. to 7 p.m., and on Saturdays, from 10 a.m. to 2 p.m.

The Navy Commissary Store's hours are identical to those of the Navy Exchange Retail Store, except that it does not open on Saturdays.

At the Navy Exchange Annex, business is conducted on Monday, Tuesday and Friday, from 10:30 a.m. to 5:30 p.m.; on Wednesdays, from 9 a.m. to 5:30 p.m.; on Thursdays, from 10 a.m. to 5:30 p.m., and on Saturdays, from 10 a.m. to 2 p.m.

Lt. Smith also announced plans for opening the Navy Exchange Toyland in Bldg. 918 (next door to the Navy Exchange Annex) on Friday, Sept. 6. Its hours of operation will be the same as those of the Annex.

CPO Wives Club Starts Drive for New Members

Plans are currently under way for a membership drive that is to be conducted during the month of September by the Chief Petty Officers' Wives Club.

Membership in this group is open to the spouses of active duty or retired E7s through E9s (chief petty officers through master chief petty officers), Mrs. Chris Emert, president, stated.

Highlight of the month-long membership drive will be a potluck dinner on Sept. 21 that will be open free of charge to prospective members and their husbands.

PROMOTIONAL OPPORTUNITIES

Unless otherwise specified in the ad, applications for positions listed in this column will be accepted from current NWC employees and should be filed with the person named in the ad. All others desiring employment with the Naval Weapons Center may contact the Employment-Wage and Classification Division, Code 452, Ext. 2049. Ads will run for one week and will close at 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ad. Employees whose work history has not been brought up to date within the last six months are encouraged to file a Form 171 or 172 in their personnel jacket. Information concerning the Merit Promotion Program and the evaluation methods used in these promotional opportunities may be obtained from your Personnel Management Advisor (Code 454 or 457). Advertising positions in the Promotional Opportunities column does not preclude the use of alternate recruiting sources in filling these positions. As part of the rating process, a supervisory appraisal will be sent to the current supervisor and the most recent previous supervisor of those applicants rated as basically qualified. The Naval Weapons Center is an equal opportunity employer and selection shall be made without discrimination for any nonmerit reason.

Information Receptionist, GS-204-3/4, PD No. 4984001-2, Code 812 — As an information receptionist in the Visitors' Branch, Security Operations Division, incumbent will initially greet official visitors to the Center and answer questions they may have. Will interview visitors for information required to issue a pass and type the information on the appropriate forms. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: Familiarity with the Center, ability to function under pressure, tact, courtesy and diplomacy in dealing with the public. Promotion potential: GS-3 to GS-4.

Clerk (Typing), GS-301-2/3, PD No. 7284008 AMI, Code 8412 — Shift work. Hours of operation, 0700 - 2330. This position is located in the Visitors' Branch of the Security Department. Incumbent has entry control of temporary, casual, official, semi-official, commercial and foreign visitors to the Naval Weapons Center. Duties include processing of paperwork for passes, maintaining records of visitors, providing information and directions and maintaining files. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: Ability to understand and follow security procedures and regulations. Must have typing skill.

Clerk-Typist, GS-322-3/4, PD No. 7340019, Code 4941 — This position is located in the Guidance and Navigation Systems Branch of the Weapons Development Department. Incumbent will provide clerical assistance to the branch and division offices. Duties will include typing of both technical and non-technical correspondence, division memos, travel orders and other duties as assigned. Job Relevant Criteria: Demonstrated telephone reception and typing experience in typing administrative and technical subject matter. Knowledge of the IBM Mag Card II typewriter is desired but not an absolute requirement. Minimum Qualification Requirements: As defined in CSC Handbook X-118.

Clerk-Typist, GS-322-3/4 WAE, PD No. 7440160, Code 4602 — This position is located on the staff, Weapons Development Department. The incumbent will work on an "as needed" basis in various areas throughout the Weapons Development Department. The incumbent performs various clerical duties such as maintaining files, answering telephones, receiving visitors, preparing timecards and typing from rough draft or handwritten copy official correspondence as well as various forms used in the Department. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: Must be a proficient typist. Must have knowledge of NWC clerical procedures. Must possess telephone and receptionist skills.

File applications for the above with Charlotte Siewkowski, Bldg. 34, Rm. 204, Ph. 3118.

Library Technician, GS-1411-4/5, PD No. 7433001, Code 532 — As a library technician in the Reference and Circulation Branch, answers reader references, locates a variety of reference tools. Locates and verifies information through the card catalogs and assists patrons in using these catalogs. Compiles simple lists of references on clearly defined subjects or with common authors. Does shelving, filing, etc., in reference publications. Minimum Qualification Requirements: As stated in X-118. Job Relevant Criteria: Knowledge of organization and procedures of the Technical Library. Ability to deal tactfully with a wide variety of clientele. Working knowledge of reference tools.

File applications for the above with Pat Gaunt, Code 457, Rm. 212, Ph. 2415.

Clerk-Typist, GS-322-3/4, PD No. 7460025, Code 405 — This position is in the Chemistry Division, Research Department. The incumbent provides secretarial, typing and clerical service to members of the Chemistry Division. Work includes maintenance of division files, preparation of travel arrangements, typing personnel action requests and position descriptions, preparation of correspondence, reports and publications. Job Relevant Criteria: Experience in typing technical material; ability to deal effectively with people; ability to meet deadlines under pressure. Minimum Qualification Requirements: As defined in CSC Handbook X-118.

File applications for the above with Tina Lowe, Bldg. 34, Rm. 204, Ph. 2723.

General Engineer, GS-801 or Physicist, GS-1310-13, PD No. 7400099 AMI, Code 14. — This position is located in the Office of the Technical Officer. The incumbent participates in the work of Task Group 3, Airspace of the Long Range Study of Military Landscape/Airspace Assets in the Upper Mojave Desert. This study is a tri-service effort under the auspices of the Joint AMC/NMC/AFSC/AFSC Commanders. In addition, the incumbent maintains liaison with NWC Technical Departments, Airspace Liaison Officers for NAF, VX-5 and others involved in the use of the R-2508 Airspace complex to determine total Center Airspace requirements. He represents the Technical Officer on questions and issues relating to the utilization of NWC land/airspace by activities external to NWC. The incumbent provides technical assistance to development engineers, range personnel and test pilots in the scheduling of hazardous weapon flight tests. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: (1) Knowledge of military and civilian airspace regulations including instructions and procedures relating to the R-2508 complex and all NWC ground and air targets. (2) Knowledge of range instrumentation, including telemetry devices, surveillance radar and display systems, computers and associated equipment. (3) Knowledge of range flight test safety devices. (4)

File applications for the above with Mary Morrison, Code 457, Rm. 210, Ph. 2393.

Electroplater, WG-3711-9, JD No. 186, Code 558 — Applications will be accepted from current NWC career or career-conditional employees only. This position is located in the Engineering Prototype Division, Metalworking Branch. Using electrolytic, immersion, and electroforming methods, coats metal and plastic surfaces with chrome, nickel, cadmium, silver, gold, anodizing and aluminum coloring. Prepares objects and makes appropriate fixtures. Job Relevant Criteria: Applicants must have had at least four years experience cleaning metal objects by immersion in a succession of cleaning baths and covering these objects electrolytically with a coating of copper.

File applications for the above with MARY MORRISON, Code 457, Rm. 210, Ph. 2393.

Supervisory Engineering Data Management Specialist, GS-301-13, PD No. 7455126, Code 555 — Applications will be accepted from current NWC career or career-conditional employees only. Position is that of Branch Head in the Data Planning and Coordination Branch, Technical Data Division, Engineering Dept. Responsibilities include providing data management configuration identification and configuration accounting for major weapons systems during development and production. Duties include supervision of branch personnel and projects, liaison with Center, Navy and contractors and special duties as assigned. Job Relevant Criteria: Background in data management support to engineers and technicians in the evaluation of ECPs, WOs, DOs, NORs and SCNs. Incumbent identifies project, type of change and how to process it. Prepares status reports, letters and files. Job Relevant Criteria: Must be familiar with nomenclature of missile components. Experience related to data management general office work preferred. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Previous applicants need not apply again. File applications for the above with Carol Downard, Bldg. 34, Rm. 204, Ph. 2925.

Supervisory General Engineer, GS-801-13, PD No. 7455119, Code 552 — Applications will be accepted from current NWC career or career-conditional employees only. Previous applicants need not re-apply. Position is that of Head, Air and Surface Launched Weapons Branch. Duties include branch planning and administration and technical supervision. Specific areas of technical participation include production support, fleet engineering, liaison with all levels of OOD and weapons systems development. Job Relevant Criteria: Experience in design, project management and engineering supervision. Experience in

Knowledge of RDT&E aircraft including modifications and instrumentations engineering procedures for configuring test bed aircraft. (5) Knowledge/experience in range related technical management, planning and operations. Advancement Potential: GS-14

File applications for the above with Sue Prasolowicz, Bldg. 34, Rm. 208, Ph. 2577.

Electronics Engineer, GS-855-7/9, PD No. 7350004, Code 3443 — This position is located in the Fuze Project Branch III of the Fuze Department. The branch function is the design and development of guided missile target detectors from project inception to the production phase. The incumbent is responsible for design and development of electronic components/circuits for TD systems; designs electronic test equipment; performs and analyzes TD tests and assists senior engineers as directed. Minimum Qualification Requirements: As defined in the CSC Handbook X-118. Job Relevant Criteria: Experience in circuit and component design and development. Knowledge of basic fuzing principles. Knowledge of solid state devices such as integrated circuits and laser devices.

File applications for the above with Claire Lewis, Bldg. 34, Rm. 212, Ph. 2371.

Ordnanceman (EP&E) WG-4502-09, JD No. 247-3, Code 4542 (2 vacancies) — Performs the necessary manipulations involved in the operation of equipment for carrying out various processes associated with experimental and/or developmental preparation of various kinds of chemicals. Will work from job specification sheets, performs mixing, casting, molding, extruding and coating of processes leading to the development of experimental or developmental chemical compounds. This position is qualifying for Physical Science Technician. Minimum Qualification Requirements: As stated in X-118. Job Relevant Criteria: Applicants must have demonstrated, through experience, the acquisition of safe practices and work methods relating to the handling and manufacturing of ordnance. Ability to perform the sequence of operations with precision.

Ordnance Learner, WG-4511-4, JD No. 287-2, Code 4545, 3 vacancies — This position will consist of training in the following categories: Plastic molding, propellant machining, propellant mixing and casting, inhibiting, igniter fabrication, extrusion, block pressing, rocket motor loading, disassembly and reassembly of rocket motors (modified), grinding of raw materials for processing of propellant, cleaning hardware and returning to stock. This position is covered by a training program. Job Relevant Criteria: Reliability and dependability, shop aptitude and interest, ability to follow directions in shop, dexterity and safety, ability to work as a member of a team. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Advancement Potential: To the position of Ordnanceman (EP&E), WG-4502-09.

Editorial Clerk, GS-1087-4 or 5, PD No. 7445066, Code 4551 — Will provide copy editing, report layout, composition, proofreading and illustration layout. The incumbent is responsible for performing the above duties for writers/editors in the branch and on contract. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: Ability to type proficiently; experience in composition and typing of formal reports/military specifications for publication; ability to arrange documents in appropriate format and ensure correct grammatical practices. Promotion Potential: GS-6.

File applications for the above with Mary Morrison, Code 457, Rm. 210, Ph. 2393.

Electroplater, WG-3711-9, JD No. 186, Code 558 — Applications will be accepted from current NWC career or career-conditional employees only. This position is located in the Engineering Prototype Division, Metalworking Branch. Using electrolytic, immersion, and electroforming methods, coats metal and plastic surfaces with chrome, nickel, cadmium, silver, gold, anodizing and aluminum coloring. Prepares objects and makes appropriate fixtures. Job Relevant Criteria: Applicants must have had at least four years experience cleaning metal objects by immersion in a succession of cleaning baths and covering these objects electrolytically with a coating of copper.

(Continued on Page 7)



AWARDED MEDAL — Capt. E. M. Crow, Commanding Officer of the Air Test and Evaluation Squadron Five, pins the Navy Achievement Medal on YNC Harland L. Johnson, the squadron's administrative supervisor. The citation that accompanied the medal spells out Chief Johnson's outstanding leadership, experience, and genuine enthusiasm which he displayed while attached to the Flag Administration Office of Commander Service Group Three / Commander Task Force 73. The citation is signed by Vice Admiral G. P. Steele, Chief Johnson, who has been at VX-5 since Feb. 13, 1974, resides on the Center with his wife, Eiko, and daughter, Jesse.



GIFTS PRESENTED HANDICAPPED YOUTHS — Mrs. Chris Emert (second from right), president of the Chief Petty Officers' Wives Club, visited the local Activity Center for the Handicapped recently to present gifts of a Polaroid camera and a check for \$82 that the CPO Wives' Club contributed from its fund raising activities. On hand to receive the welcome contributions were (at left) Sheila Peters and Suzanne Hard, the director, and (on right) Carl Schatz. Miss Peters and Schatz are two of the young adults who attend the Activity Center, which is sponsored by the IWW Association for the Retarded and located at 101 Dorado St., Desert Park. Previously, the CPO Wives' Club donated a vacuum cleaner and a picnic table to the Activity Center -- a year-round program made possible by assistance from the Indian Wells Valley United Way and the Kern County Regional Center in Bakersfield. Last year, the local CPO Wives' Club won an honorable mention award and a check for \$25 for its charitable work in connection with the Activity Center for the Handicapped. —Photo by Maurice Dias

PROMOTIONAL OPPORTUNITIES

(Continued from Page 2)

nickel or other metal and including buffing and polishing. Minimum Qualification Requirements: As defined in CSC Handbook X-118.

Supervisory Technical Manuals Editor (Engineering), GS-1083-12, PD No. 7455127, Code 555 — Applications will be accepted from current NWC career or career-conditional employees only. Position is that of Branch Head, In-Service Support Documentation Branch, Technical Data Division, Engineering Department. Responsibilities for providing technical data support to development, production and in-service engineering groups. Duties include project planning and administration, training, liaison technical consultation and branch management. Job Relevant Criteria: Broad knowledge of in-service data and logistics requirements. Broad technical knowledge of mechanics, electronics, explosives, aerodynamics and propulsion systems. Thorough knowledge of DOD, military and commercial specifications and demonstrated ability to interpret the requirements of specifications. Minimum Qualification Requirements: As defined in CSC Handbook X-118.

Supervisory Engineering Data Management Specialist, GS-301-13, PD No. 7455126, Code 555 — Applications will be accepted from current NWC career or career-conditional employees only. Position is that of Branch Head in the Data Planning and Coordination Branch, Technical Data Division, Engineering Dept. Responsibilities include providing data management configuration identification and configuration accounting for major weapons systems during development and production. Duties include supervision of branch personnel and projects, liaison with Center, Navy and contractors and special duties as assigned. Job Relevant Criteria: Background in data management support to engineers and technicians in the evaluation of ECPs, WOs, DOs, NORs and SCNs. Incumbent identifies project, type of change and how to process it. Prepares status reports, letters and files. Job Relevant Criteria: Must be familiar with nomenclature of missile components. Experience related to data management general office work preferred. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Previous applicants need not apply again. File applications for the above with Carol Downard, Bldg. 34, Rm. 204, Ph. 2925.

Supervisory General Engineer, GS-801-13, PD No. 7455119, Code 552 — Applications will be accepted from current NWC career or career-conditional employees only. Previous applicants need not re-apply. Position is that of Head, Air and Surface Launched Weapons Branch. Duties include branch planning and administration and technical supervision. Specific areas of technical participation include production support, fleet engineering, liaison with all levels of OOD and weapons systems development. Job Relevant Criteria: Experience in design, project management and engineering supervision. Experience in

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(Continued on Page 7)

Meeting Scheduled On Fall Athletic Programs

Will Wyman, supervisor of athletics and youth programs at NWC, has scheduled two meetings concerning flag football, and two others on the winter softball program during the first two weeks of September. All persons interested in joining a team, or playing flag football this fall at NWC, are asked to attend meetings that have been scheduled next Wednesday, Sept. 4, as well as on the following Wednesday, Sept. 11. Both get-togethers will be held in the Joshua Rm. of the Community Center at 5 p.m. Softball program meetings have been planned for the same location and time on Tuesday, Sept. 10, and again on Thursday, Sept. 12.

mechanical, chemical and electrical aspects of propulsion units, warheads, fuzes and airframes. General knowledge of total weapons systems including aerodynamics, internal and external ballistics launchers, electrical and mechanical aircraft installations, firing circuits and documentation required. Minimum Qualification Requirements: As defined in the CSC Handbook X-118. Administrative Officer or Administrative Assistant, GS-241-5 thru 11, PD No. 7455107, Code 555 — Applications will be accepted from current NWC career or career-conditional employees only. Position is located in the Technical Data Division of Engineering. Incumbent is staff assistant to the division head. Duties include personnel assistance, space and facility requirements, procurements, budget requirement, general division planning and reporting assistance. Job Relevant Criteria: Knowledge of management principles and administrative practices. Experience in budget and procurement. Familiarity with personnel requirements. Experience with analysis and the preparation of reports. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Previous applicants need not apply again. Engineering Data Management Specialist, GS-301-4/5 or Data Control Clerk, GS-301-4/5, PD No. 7355005, Code 55503 — Applications will be accepted from current NWC career or career-conditional employees only. Major function of this position is to provide configuration management support to engineers and technicians in the evaluation of ECPs, WOs, DOs, NORs and SCNs. Incumbent identifies project, type of change and how to process it. Prepares status reports, letters and files. Job Relevant Criteria: Must be familiar with nomenclature of missile components. Experience related to data management general office work preferred. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Previous applicants need not apply again. File applications for the above with Carol Downard, Bldg. 34, Rm. 204, Ph. 2925.

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Employee In The Spotlight

"We've never thought about living anywhere else. We just love it here." Theresa E. Gonzales ("just call me Rose") came to China Lake as an enlisted member of the Women's Navy, then called WAVES. There certainly wasn't anything here to keep her, but somehow she stayed. That was in September 1944, when the Naval Weapons Center was in its infancy. "We reported to Harvey Field, in Inyokern, and was it desolate," she exclaimed. The "we" included Ellen Caucci, her brother-in-law's sister. "She's the reason why we came here," Rose said. "She and I joined the Navy to see the world, and when we completed our basic training, they asked for volunteers to come to China Lake. We wanted to go someplace together, so we both volunteered," Rose recalled.



Theresa E. (Rose) Gonzales

Decided to Stay Here "Even though it was very primitive, I never thought of returning to my home state," she added.

Rose is from Greaney, Minn. She attended Silverdale High School, and in her senior year, moved to Hibbing High School, Hibbing, Minn., where she was graduated.

After completing a secretarial course at Hibbing Junior College, Rose worked part-time as a bookkeeper for her brother-in-law's welding company. She also worked as a secretary for a small mining company in Hibbing. Jobs with a medical clinic and another mining company followed. Finally, in May 1944, Rose joined the Navy, and trained at the Navy's Yeoman School, Cedar Falls, Ia.

At Harvey Field, she was yeoman to the Safety Officer and the Fire Marshall. In 1946, following her discharge, she joined the staff of the fire chief, A. C. Wright, and worked as a clerk-steno. "I quit smoking while in that job," she said.

While still a WAVE, Rose had met John Gonzales, a Marine assigned to the guard detachment. "However, we didn't start dating until after I was out of the Navy," she added.

They were married in 1946 after his discharge, and he went to work for the Nondestructive Test Group, at the Salt Wells Pilot Plant. John is presently a technician in the Propellants Research Group, Propellants Branch, Applied Research and Processing Division, Code 45.

Worked for Top Men

Rose, who is now the head of the Records Management Group, in the Management Analysis Division of Central Staff, has worked for some of the major contributors to the Center's history. She has been secretary to Dr. A. H. Warner, Dr. N. A. Renzetti, E. R. Toporek, H. G. "Hack"

"When the boys first saw me they thought I was going to be the new manager, but I soon relieved their fears about that," Rose said.

"It's been a good life, here. We're looking at house plans, trying to make up our minds whether to buy or build. But, we're staying," she said, firmly.

Wilson and Dr. Ivar E. Highberg. "I've met some of the most marvelous people during my time at NWC," she said.

Rose received a certificate in public administration through the University of California Extension at NWC in 1963, and she's been a busy student at Cerro Coso College (formerly Bakersfield College, Desert Campus), many times in the past. She also completed a course in income tax preparation, and works part-time as a tax consultant with H&R Block Co.

Rose and John have two children. They are Patricia Foote, who is married and teaches first grade in San Luis Obispo, and Richard, a student in his senior year at CalPoly's engineering school, also in San Luis Obispo.

Has Many Interests

Rose likes to read science and adventure stories, and says she's into beginning photography. In addition, she collects stamps and recipes ("just collecting, not cooking"). The Gonzaleses enjoy boondocking and traveling. "We especially like to tour the desert area and just look at it, we love it so much," she explained.

They add the spice of boondocking to their travel, too. In 1972, they drove to the tip of the Baja Peninsula, before the new road was built, and this past year, journeyed over 2,000 miles of gravel road during a trip to Yellowknife, capital of the Northwest Territories, Canada.

Rose belongs to the Maturango Museum. "We're just non-joiners," she pointed out, in spite of evidence to the contrary.

While Richard was growing up, both parents were involved in Little League, Boy Scouts and Explorer Scouts. John once took some boys down the Rogue River on a raft, and Rose was a team mother.

"When the boys first saw me they thought I was going to be the new manager, but I soon relieved their fears about that," Rose said.

"It's been a good life, here. We're looking at house plans, trying to



By Jack Lindsey

The sport of baseball was once labeled "America's favorite pastime." And so it was.

Nowadays, football has surpassed baseball as the favorite spectator sport. Small wonder, with the huge stadiums across the country jammed each Saturday and Sunday with fans at college and pro games.

Still baseball remains king in September, even though football schedules are already under way. The pennant fever strikes, and people are talking Dodgers, Reds, A's and Royals, Cards and Pirates. Who will win the divisions? Who will win the playoffs?

The celebrated Dodger September fold is expected each year, and the drive to the top by the Cincinnati Reds seems certain. And who the heck are the Phillies? Suddenly, they are prominent in the race for the National League's eastern title.

What impresses me the most is the quality of play on each team. I come from the old school of baseball fan. I haven't even watched a game of baseball, with the exception of the World Series, for many years until this season.

I stopped watching when the leagues went from eight teams to 10. Afterward there was always one outstanding team, and the rest were also-rans, but not anymore. Even with the expansion to 24 teams, the talent is unbundled. Back in my day there were a few superstars and a few other good ballplayers, but the depth of each team didn't run as deep as it does these days.

Boy, am I going to get an argument about that. There is nothing quite as rabid as a dyed-in-the-wool baseball fan who can quote averages, records, and statistics until the wee hours of the morning. And I can sympathize with them - but they're wrong.

They say - batting averages are lower. I say - pitching is better. They say - there were more home runs in those days. I say - ball parks are bigger now. They say - the days of the iron-man, complete-game pitcher is gone. I say - bull pens are better stocked with relievers.

But whatever, baseball's biggest moment is on the way. And, once again, the Catbird has gazed into the crystal ball and will now make some fearless predictions.

The Dodgers will hang on and edge the Reds for the National League's western division crown. They will go up against the Philadelphia Phillies for the pennant, and win it.

In the American League, the A's will do it again, and will meet the Dodgers in the World Series after slaying the Boston Red Sox to pieces in just three games. Now, here comes the hard part. The Dodgers will be the world champs, and they'll do it in six games, with Tommy John winning three of them.

Even I've caught the fever. Go home, football.

**Rabbit Season To Open**

Sunday is opening day for hunting brush, cottontail and pigmy rabbits and varying hare in the counties of Imperial, Los Angeles, Riverside, San Bernardino, and a portion of Kern County.



**VOLLEYBALL LEAGUE BEGINS ON TUESDAY** — Jerry Kissick (r.), goes up against the net to defend a shot by Bob Berry during a practice game last week for the upcoming opening of the China Lake Intramural Two-on-Two Volleyball League, set for Tuesday. Kissick and Duane Fojt beat Berry and his partner, Frank Koons, but it was all for fun. The real competition will begin on Tuesday with 18 two-man teams entered in two different divisions. —Photo by Ron Allen

**Smoothies, Bandits in Golf League Finals**

Jess Moreno threw five birdies, two bogies and two pars at his opponent, Doug Lindquist, last Tuesday evening in the semifinals of the China Lake Intramural Golf League to record a nine-hole round of 33, low score in the matches for the day.

Moreno's team, the Smoothies, took six points from the VX-5 Vampires to earn a berth in the finals against the Bandits, who racked up 5.5 points in a match against the Short Knockers.

Paul Someson, Don Fraser and Gary

**Golden Anchor Golf Tournament Will Be Held Sept. 15-16**

The annual Golden Anchor golf tournament, sponsored by the Chief Petty Officers' Mess, will be held on Friday and Saturday, Sept. 15 and 16, at the China Lake golf course.

The 36-hole affair will be scored at partner's best ball, both days. According to the tournament's organizers, an entry fee of \$40 will be charged each team, with the individual golfers to make their own arrangements for carts or caddies.

Included in the two days of festivities will be special events, free liquid refreshments during the tournament, and a dinner-dance on Saturday night to be held at the CPO Club.

Unlike last year, there will not be a shotgun start this year. Starting times will go off both the front and back sides, with alternating times the second day.

Prizes, consisting of gift certificates on the pro shop, will be paid to the first seven scores net, and the two lowest gross scores. Entry blanks may be found at the pro shop or at the CPO Club.

**Golfers To Meet Thurs.**

A general membership meeting of the China Lake Men's Golf Club will be held next Thursday, Sept. 5, beginning at 7 p.m., at the clubhouse.

All members of the club and other interested persons are invited to attend.

**Mayflower Movers Take Second Place In Softball Tourney**

The Mayflower Movers softball team finished in the runner-up spot last weekend in the California City Invitational Slo-Pitch Softball Tournament, held at California City.

Teams from Boron, Lancaster, Victorville, Bakersfield and China Lake, plus the host city, competed in the double-elimination event. Winner of the tournament was the Earl's Tennis Shop squad, from Victorville.

The Movers started off with a bang, defeating the Boron entry, 9-6. Tom LaJeunesse was the winning pitcher. Then Paul Decker hurled the local team to a victory over the California City Allred Team, 8-4.

LaJeunesse became the victim of a 7-5 loss during the first meeting between the Victorville team and the locals. This defeat dropped the Mayflower Movers into the losers' bracket of the tourney.

However, behind the pitching of LaJeunesse, the locals defeated Boron again, 20-10, to set up the championship game, but LaJeunesse was once again handed a loss by the champs, 13-10.

Lynn Lacey, Movers' shortstop, had 10 hits in 16 at-bats, and Ken Armstrong, second sacker, hit safely 8 times in 14 trips to the plate. Kirk Armstrong racked up nine safeties for 15 at-bats.

Phil Bowen, first baseman for the locals, hit two homers during the tournament and led the team in runs-batted-in, with nine. James McClellan, right fielder, and John Peterson, third sacker, each hit one round-tripper for the Mayflower Movers.

**League Bowling To Begin**

Registration for the winter bowling leagues at Hall Memorial Lanes has begun, but spots are still open for keglers in nearly all of the leagues.

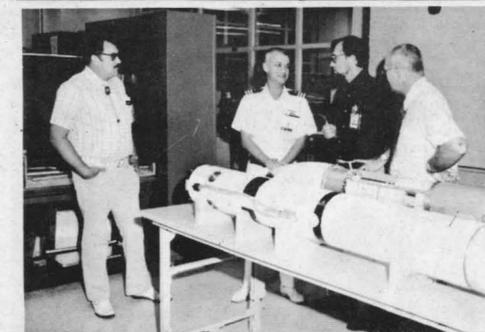
Bowling will begin next Tuesday for the 19 different leagues that compete on the Center. Two leagues bowl each night during the week, three junior leagues compete on Saturdays, and two leagues hold forth on Sundays.

In addition, there are four leagues that bowl on weekdays during the daytime.

Bowlers who would like to find a spot in one of these leagues are asked to question either Dean O. Ray or R. C. Jones at Hall Lanes for the names of the league's individual secretaries.



**HE MADE IT** — A youthful member of the China Lake Youth Center's Three-on-Three basketball league tried this looping shot during competition last Monday while his teammates and opponents watched helplessly. The ball swished the net for two points. The youths pictured compete in the 9-11 age division of the league, which is comprised of four teams in that division and two other teams in the 12 and 13 year old division. The boys play full court for a total of 30 minutes or 30 points, whichever comes first. Free substitutions are allowed and each team has five members. —Photo by Maurice Dias



**TOUR COVERED LOTS OF GROUND** — Two Engineering Department division heads, Ernie Cozzens (at right) and Jim Bowen are seen (in top left photo) discussing the AIM-7F (latest version of the Sparrow missile) with Cdr. Bruce McCandless, who had fired previous models of the Sparrow, but was being brought "up to speed" on later developments. Standing at left in this same photo is Dan Butler, Code 55's head of staff. In the upper right photo, the two astronauts, Capt. Alan Bean (in center) and Cdr. McCandless, are watching a TV monitor as Mark Moulton (in background) operates the controls on a Condor missile guidance head to demonstrate the missile's tracking capabilities. At right



in this photo is Jack Crawford, head of the Weapons Development Department's Electro-Optical Systems Division. The Sidewinder missile test facility was the setting for the two lower photos. In the one at left, the two astronauts are listening to Steve Griffiths (at left) and Magnus Pladsen (back to camera) as they check the AIM-9H and AIM-9L guidance sections. The lower right photo was taken as Cdr. McCandless and Capt. Bean (at right) observed a demonstration of the AIM-9H and AIM-9L on the Sidewinder missile rate table. Also looking on in this photo is Cozzens, head of the Code 55 Product Assurance Division. The astronauts' visit also familiarized them with many other NWC programs.

**Astronauts See, Hear About Center's Programs...**

(Continued from Page 1)

Capt. Bean and Cdr. McCandless by personnel of the Weapons Development Department's Electro-Optical Systems Division. After listening to a verbal description of how this equipment works, the astronauts watched on a TV monitor as the tracker pointed out a window zeroed in on vehicles, airplanes and fixed objects.

Mark Moulton described the function of the Condor / Walleye tracking system, while Robert Cunningham showed the visitors some of the work that is being done with the pyro-electric Vidicon - a room temperature, long wave length infrared imaging device.

Flown to Echo Range

A helicopter flight with Fred Ashbrook, head of the Electronic Systems Department's Countermeasures Division, both to Echo Range and to Code 35's development facility on G range, was taken following the astronauts' break for lunch. The aircraft for this flight was piloted by Lt. Col. Jack Pipa, USMC, who retired today and was making his final helicopter hop as a Marine.

The two special visitors were able to observe a Fleet exercise that was under way at Echo Range, and were briefed on electronic warfare and new threat systems that are being developed in this field.

The Anechoic Chamber was the next stop on the astronauts' agenda. There they learned about HARM (high speed anti-radiation missile), microwave radiometry, and also were given information on such other electronic warfare equipment as the

expendable seeker simulator, the selectable seeker simulator, and short pulse presentations.

This data was presented by Gerry Schiefer, head of the HARM Program, Bob Moore and Frank St. George.

During their final stop at the Naval Air Facility, Capt. Bean and Cdr. McCandless listened to a presentation by Dr. Bill Smith, program manager of the Improved Weapons Delivery System—and showed videotapes of the flight test program currently being carried out by personnel of Air Test and Evaluation Squadron Five (VX-5) and the Naval Air Test Center at Patuxent River, Md.

The astronauts' very busy day was concluded with a briefing by Werner Hueber, head of the Weapons Development Department's Infrared Systems Division, on the NWC - developed hand held laser that has provided the Navy with an airborne

illumination capability for the delivery of laser-guided bombs.

Used Successfully in Vietnam

Mounted in an OV10 Bronco (called a Night Observation Gun Ship), this system was used successfully during the later part of the U.S. involvement in the Vietnam War.

This was the first look by either Capt. Bean or Cdr. McCandless at such a forward looking infrared search set, Hueber noted, and as the astronauts sat in the cockpit of an OV-10 to observe the gear running and could see how the system worked they were quite enthusiastic about it.

In addition, Hueber provided the visitors with information about the Bulldog missile - a laser guided weapon that has successfully undergone its operational evaluation by VX-5 and is considered suitable for initial production—once the funding has been approved.



Cdr. Richard L. Wright

**Avoid Driving Fatigue Over Labor Day Holiday**

For a more enjoyable Labor Day holiday weekend, try not to make the distances traveled so great that more time is spent behind the wheel than in enjoying the vacation.

Fatigue is a key factor in most highway accidents.

NWC Safety Department personnel wish all who leave town for the three-days a happy and safe holiday. Plan for additional time enroute, they caution, because of the reduced speed limit.

**Retirement Ceremony Held Today For Executive Officer of VX-5**

Retirement ceremonies for Cdr. Richard L. Wright, Executive Officer of the Air Test and Evaluation Squadron Five (VX-5) were held this morning at 10 o'clock in Hangar 1. This event marked the end of 22 years of service by Cdr. Wright.

During the ceremony, Capt. E. M. Crow, Commanding Officer of VX-5, Cdr. Wright, Leading Chief Petty Officer J. R. Pickens, and YNSN M. M. Sather inspected the personnel of the squadron.

As part of the tradition of the Naval retirement ceremony, Cdr. Wright was "piped over the side." Sideboys during the affair were LCDrs. J. K. Peiguss, M. W. Riley, W. W. Monk, R. W. Hamon, L. J. Chrans, and J. J. Shutt.

Ushers during the retirement ceremony were Lt. D. E. Carter and Ltjg. M. L. Hughes.

Cdr. Wright, a native of Denver, Colo., joined the Navy in June 1952 following his graduation from the Alabama Polytechnic Institute (Auburn University), in Auburn.

**Plans Set For Resumption Of School Tuesday**

Registration for all new kindergarten through eighth grade students ends today at all schools in the Sierra Sands Unified School District.

All students in those grades who have moved during the summer should register at the school closest to their residence.

Registration closes today at 4:30 p.m. at all schools in the district.

Former Burroughs High School students will enroll on Tuesday, Sept. 3, the first day of school. High school students new to the area also have until 4:30 p.m. today to register.

Following are the hours for classes in the district's schools for the 1974-75 academic year:

**Groves School**  
All classes will begin at 8:15 a.m. except for the afternoon kindergarten class, which starts at 11:45 a.m., and the late first and second grades, which begin at 9:30 a.m.  
Ending Times -- junior primary, 1 p.m.; early kindergarten, 11:15 a.m.; late kindergarten, 2:45 p.m.; early first and second grades, 1:40 p.m.; late first and second grades, 2:45 p.m.; third grade, 2:30 p.m.; grades four, five, six and special education, 7:45 p.m.

**Inyokern School**  
All classes begin at 8:30 a.m.  
Ending Times -- kindergarten, 11:45 a.m.; grades one through six for students who live along Inyokern Rd. north and west of Inyokern, 1:50 p.m.; all other grades one through six, 2:30 p.m.

**James Monroe School**  
Beginning Times -- grades seven, eight and special education, 8 a.m.; early kindergarten, 8:30 a.m.; late kindergarten, 11:45 a.m.  
Ending Times -- early kindergarten, 11:30 a.m.; all other grades, 2:45 p.m.

**Las Flores School**  
Beginning Times -- kindergarten through sixth grade, 9 a.m.; late kindergarten, 12:15 a.m.  
Ending Times -- grades one, two and three, 2:15 p.m.; late kindergarten, and grades four, five and six, 3:15 p.m.

**Murray School**  
All grades and special education begin at 8 a.m.  
All students will get out of school at 2:55 p.m.

**Murray Elementary (Formerly Murray Annex)**  
All grades begin at 9 a.m.  
Grades one, two and three let out at 2:15 p.m.; grades four, five and six will be released at 3 p.m.

**Pierce School**  
All classes begin at 8 a.m. except afternoon kindergarten and junior primary, which begins at 11:30 a.m., and late first grade, which starts at 9 a.m.  
Ending Times -- junior primary and first grade, 11:30 a.m.; morning kindergarten, 11 a.m.; afternoon kindergarten and junior primary, 2:30 p.m.; early group of grades one, two and three, 1 p.m.; late group of first grade, 2 p.m.; fourth and fifth grades, 2:10 p.m.

**Rand School**  
Classes begin at 8:30 a.m. for all students.  
Kindergarten will end at 11:30 a.m., while grades one through eight let out at 2:45 p.m.

**Richmond School**  
Beginning Times -- 8:30 a.m. for all students except late grades one, two, three and the late special education, which begin at 9:30 a.m. The afternoon kindergarten class starts at 12 noon.

Ending Times -- early kindergarten, 11:30 a.m.; early grades one, two, three and early special education, 1:45 p.m.; late grades one, two and three and late special education, 2:35 p.m.; grades four, five and six, and special education, 3 p.m.

**Ridgecrest Heights School**  
All grades begin at 8:30 a.m.  
Grades one, two and three end at 2 p.m., while grades four, five and six finish at 2:30 p.m.

(Continued on Page 5)

# Foreign Exchange Student From Colombia Now Here

## South American Youth Joins Rob't Atkinson Family for Year of Study at Burroughs High

The Robert Atkinson family, of China Lake, has been increased by one this past week. Added to the family is Jairo Alberto Rojas, an American Field Service student from Bogota, Colombia, South America.

Young Rojas, who turned 19 on Aug. 20, will enroll at Burroughs High School for his senior year — learning American ways and customs, and preparing himself to return to this country when he seeks his master's degree.

"We have been looking forward to Jairo's coming," said Diane Atkinson, who will be the young Colombian's "mother" while in this country. The Atkinsons were asked some months ago if they would like to provide a home for an AFS student, and accepted. "That has always been a dream of ours," Mrs. Atkinson stated.

### "An Amazing Man"

"He's an amazing man. I've yet to find anything he can't do," said Robert Atkinson, who is the associate head of the RF Development Division in the NWC Electronic Systems Department. "He can repair automobiles, build fences, plays the guitar, loves reading and sports. He's an all-around boy," Rojas' American "father" enthused. In his letter of application for the foreign exchange program, Rojas described himself as a "normal person for my age." He calls his three brothers his friends, and labels his mother as "... the best mother in the world."

### Father Very Strict

His father he describes as an intelligent man and a good friend, but very strict. Young Rojas' parents are both administrators in Colombia, and the youthful student is preparing to follow in their footsteps while minoring in computer programming. He intends to seek his master's degree in this country after receiving a bachelor's degree in Colombia. Rojas stated that food and eating habits in

the United States are very similar to those of Colombia. Meat, potatoes, fruit and vegetables are the staple items, prepared much in the same way as in America.

Back home in Bogota, the young man played football (soccer), enjoyed swimming, camping, and hiking. While with the Atkinson family, he will learn to water ski, and participate in a great many fishing and sightseeing trips.

### Will Do Some Traveling

"We plan to take him to Los Angeles and San Diego, probably Mexico, and the Grand Canyon," Atkinson noted. The Atkinsons recently returned from a short trip to the Whitney Portals with Rojas.

In line with his hobby of playing the guitar ("He's fantastic," said Mrs. Atkinson), Rojas enjoys going to concerts, dancing, and parties.

He will be taking classes in government, physical education, English and typing at Burroughs High School this fall.

### "Sisters" Are Big Help

Helping Rojas with his studies are his two American "sisters," Debbie, who will be a junior at BHS, and Sheryl, a senior. Mark, his American "brother," is a freshman.

"He gets along so well with them already," said Mrs. Atkinson. Debbie Atkinson, who will be taking her fourth year of Spanish and is quite fluent in the language, is acting as Rojas' interpreter until his command of the language is better. "I will be able to make my speech in December perfectly," he promised.

Each AFS student is required to talk before an audience, in English, during the month of December, as part of the AFS exchange program. The program itself offers opportunities for students between the ages of 16 and 18, to live for a year, or a summer, with families in different cultures, to attend school and to participate fully in the activities of communities new to them.



**AFS STUDENT AT CHINA LAKE** — The Robert Atkinson family gathers around the piano to hear Jairo Rojas (l.), AFS foreign exchange student from Bogota, Colombia, play the 12-string guitar and sing, accompanied by Sheryl Atkinson on the piano. Listening to Rojas are Diane and Robert Atkinson, who will be the visiting student's American "mother and father" while he is in this country, and Debbie and Mark Atkinson. Young Rojas will begin the fall term at Burroughs High School on Tuesday. He will be a senior. —Photo by Maurice Dias

## Bicyclists Should Insure They Can Be Seen

A recent bicycle vs. car accident on the Naval Weapons Center re-emphasizes the need for bicycle riders to take every possible measure to insure that they are visible to motorists.

Brightly colored flags on flexible standards that raise the flag several feet into the air are one way bicycle riders can help make sure they are seen, along with the wearing of bright colored clothing.

In the case of the latest bike vs. car mishap, the motorist (headed west on Blandly Ave.) was looking into the bright, late afternoon sun and as he made a left turn at Dobb Rd. toward the gym failed to see an east-bound rider.

The latter was riding in the shade of trees, was wearing only a pair of shorts (no shirt), and had no colored flag to help make him visible to the driver of the car, who was only aware that he had hit something when the windshield of the car he was driving was smashed.

The driver, at first, thought that a ball had been thrown against the windshield, and was aghast to find when he stopped the car that it was bicycle rider whose body had come hurtling up over the hood of the car and smashed against the windshield.

Fortunately, outside of numerous cuts and abrasions, the bicycle rider was none too much the worse for wear, but the potential existed for much more serious consequences, NWC Safety Department officials noted.

Bicycle flags, of the kind that possibly would have averted this accident, are available not only at the Safety Department's Safety Issue Room, but also at such local retail outlets as Fazio's Market in Bennington Plaza, and at Frisbee's Bike Shop, the Coast to Coast store, at Grant's and at Thrifty Drug Store—all in Ridgecrest.

Because of the increased use of bicycles for both transportation and recreation, there is a general trend everywhere for an increase in the number of accidents involving bike riders, Safety Department officials emphasized. Because of this, bike riders are urged to take the following precautions:

1. Always ride on the right side of the roadway, in the same direction as other traffic, and in single file.
2. While in the right-hand lane at an in-

tersection, watch carefully for any indication that the car beside you might turn right across your path.

3. Also check at intersections for cars turning left across your path, and be prepared to stop.

4. Always stop at stop signs and use standard hand signals required of vehicle operators.

5. Try to avoid using or crossing heavily traveled roads during peak traffic hours. Wherever possible use a side street.

6. If the bicycle is used after sunset, it must be equipped with an approved headlight and rear reflector or tail light.

7. Check bike brakes regularly.

8. Keep a sharp eye out for vehicles emerging from driveways or alleys.

9. Walk your bike across busy intersections.



**NEWLY PROMOTED** — Jane McGinn pins lieutenant commander collar insignia on her husband, Dennis V. McGinn, who was promoted to that rank recently. A Naval Academy graduate, LCDr. McGinn is assigned to Air Test and Evaluation Squadron Five as the assistant maintenance officer. He and his wife live on the Naval Weapons Center with their two sons, John and David.

# Tech Information Dept. Going Strong After 20 Years

(Continued from Page 1)

organization that was totally responsive to the technical programs at the Station," Robinson pointed out.

"While TID has always been a service organization, it is also an integral part of the technical effort of NWC. We are a service organization in that we don't originate technical information. However, we are a technical organization primarily because everything we do in TID covers from beginning to end the work going on here—from initial steps taken by the Presentations Division to gain customers and money, to the final reports issued on a finished product that has been accepted into the Fleet," Van Hagan stated.

The Presentations Division was a big part of Dr. McLean's dream. According to Al Christman, who now heads up TID's Publications Division, the first months of the new division were "hectic to say the least."

### More Help Needed

"Armed with a charter to do all manner of interesting audio-visual, film and exhibit tasks, in addition to squiring visitors around, the division was lacking in bodies to do the job. Elmer had one secretary, Nedra Merrill, and me, to get the division under way. It was like having the Marines come to the rescue when the Documentary Film Branch, under Ev Baker, was transferred into the division," Christman recalled.

TID's first year of operation was capped by a move into its new headquarters building, located at the corner of Blandly Ave. and Knox Rd. The building was originally designed to function as a school where pilots were to be trained for aircraft rocket firings. As a result, approximately 45 per cent of the building was wasted hallway space. The building was remodeled and offices were made available for writers, editors, illustrators, and the TID print shop.

One of the functions of the early TID, the Technical Presentations Coordinator, was soon moved into the Commander's Code. In 1966, the Patent Office was separated from the department. From that time, until a substantial reorganization on Jan. 1, 1974, the three remaining divisions constituted the bulk of the department. These were the Publishing, Presentations, and Library Divisions.

### New Features Added

During those years, however, TID continued to gain in experience, knowledge and stature. Many new features were added along the way. The Technical Library, under the guidance of Carolyn Kruse for many years, is one of the finest of its type in the world. It was one of the first in the nation to initiate experiments in mechanized listing and retrieval of its sizable holdings, both classified and unclassified. In October 1972, the Technical Library was moved from its cramped location in Michelson Laboratory to its present location on Blandly Ave.

The number of classified reports and documents at the new location total 2,000 linear ft. of shelf space. Another 1,400 linear ft. of books and 4,000 linear ft. of periodicals, along with a quarter of a million microfiche (sheets of microfilmed technical reports) are housed there. Also available at the library is the DDC (Defense Documentation Center) terminal which gives users at NWC access to data stored at Cameron Station, Alexandria, Va.

Recognizing the importance of television as a means of technical communication, a new branch, the Video Projects Branch, was added to the Presentations Division on Jan. 1, 1974. This is headed up by W. L. Miller, who began experimenting with this novel idea in 1972.

For more than 15 years, writers, editors, illustrators and others of their ilk were farmed out to users on the Center. Van Hagan took a hard look at this practice and initiated the TID Field Service Units. The first one, under the guidance of Alberta Cox,



**TID SPECIALISTS AT WORK** — Above are just four of the many different types of specialties found in the Technical Information Department. However, they do cover a wide range of services offered by the department. Beginning above, left, and reading clockwise, Paulette Murray, a clerk at the Technical Library, files one of the many thousands of technical books on hand. Top, right, Bill Erwin, head of the Special Design Section, begins initial work on an illustration for a customer. Bottom, right, Kenny Ford, a lithographic pressman in TID's print shop, runs a job for a customer on a 2650 small printing press. Bottom, left, Ray Sinnoff (c.), presentations specialist, is being video taped for a presentation by Nick Curran, an audio-visual production specialist, while Barbara Neal, visual aids assistant, acts as floor manager. —Photos by Ron Allen

is in the Systems Development Department. There are now four of these. The other three are found in the Weapons Planning Group, headed up by Forrest Easley; Len de Geus, who works in the Fuze Department; and Joan Haight, who has been assigned to the Engineering Department.

"The advantage of a Field Service Unit is that it is a mini-TID," says Mrs. Cox. "It is backed by the larger parent organization, and is completely responsive to the needs of the department in which it is located. It may draw on the talent, expertise and personnel of TID at any time," she added.

### Need Seen for Reorganization

The reorganization in TID came about because the department had operated under one basic organization since its beginning, despite the fact that the needs of the Center were in an almost constant flux. "A condition existed in which similar functions were performed by different branches and different divisions," Van Hagan explained. "For example, work involving illustrators and compositors was performed in both the Publishing and the Presentations Divisions. Another example was that vugraphs, slides, and even motion pictures were prepared in the Presentations Division, yet any supporting literature for presentation packages was prepared in the Publishing Division. Something needed to be done," he concluded.

In December 1973, TID's present department head, who was appointed to that position in December 1971 following the retirement of Robinson, announced his reorganization, which became effective on Jan. 1, 1974. A new division was added—the Graphic Arts Division, headed by Dick Johnsen, which removed the production-

specialist, and Ray Sinnott serves the division as the exhibits' specialist.

D. T. McAllister, who has been a consultant to TID since its inception, and curator of the Michelson Museum for many years, was retained in that role. The ROCKETEER was kept in its position of reporting directly to the department head, making it more accessible to the needs and wants of Center management.

The most significant change of TID's 20th year came last July 1 when a new division—the Photographic Division—under H. L. Devereaux—was transferred into TID from Code 51. Ray Becker heads the Motion Picture Laboratory Branch, and Art Farrell handles the reins of the Applied Photography Branch, which was headed up for many years by C. M. Robertson, who recently retired.

### Photo Work Vital

"This group has always provided a continuing integral service to science," Devereaux stated. "Pictures are as vital to the programs at NWC as hardware," he added.

The success of TID over the past 20 years is reflected in the success of the Naval Weapons Center. In 1967, Robinson was awarded the L. T. E. Thompson award for his leadership of TID. Many national and international awards have been garnered by the artisans in the department over the years. As the Center evolved into one of the leading laboratories in the world, TID's evolution has been matching its strides.

Now 20 years "old," the new TID looks forward to its next decade of service. It shouldn't be as hectic as the first two.

## Schools To Re-open...

(Continued from Page 3)

**Viewes School**  
Beginning Times — 8 a.m. for all students except early kindergarten, which begins at 8:15 a.m.; late grades one and two, which start at 9:05 a.m.; and late kindergarten, which begins at 12 noon.

Ending Times — early first and second grades, 1:25 p.m.; third grade, 2 p.m.; late first and second grades, and grades four, five and six, 2:30 p.m.; afternoon kindergarten, 3 p.m.

**Burroughs High School**  
All grades begin at 8 a.m. and finish at 2:35 p.m.  
**Mesquite School**  
All classes start at 7:30 a.m. and conclude at 3 p.m.

# LAST OUT, LIGHTS OUT.



Energy is valuable. Expensive, too. So turn off lights, TV sets and electric appliances as soon as you're finished with them. You'll save an energy. You'll save on your utility bill. And these days, those are savings too good to pass up!

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