

**MOVIES**

(G) ALL AGES ADMITTED  
(PG) PARENTAL GUIDANCE SUGGESTED  
(R) RESTRICTED  
(Under 17 requires accompanying Parent or Adult Guardian)

Regular starting time—7 p.m.

**FRIDAY MARCH 14**  
"PROPHECY"  
Starring  
Talia Shire and Robert Foxworth  
(Horror-suspense, rated PG, 103 min.)

**SATURDAY MARCH 15**  
"IN LAWS"  
Starring  
Alan Arkin and Peter Falk  
(Action-comedy, rated PG, 110 min.)

**SUNDAY MARCH 16**  
"THE CAT FROM OUTER SPACE"  
Starring  
Ken Berry and Sandy Duncan  
(Comedy-fantasy, rated G, 104 min.)

**MONDAY MARCH 17**  
"AMITYVILLE HORROR"  
Starring  
Rod Steiger and James Brolin  
(Horror-drama, rated R, 119 min.)

**WEDNESDAY MARCH 19**  
Indian Wells Valley Concert Ass'n  
Presents  
THE ODESSA BALALAİKAS

### Center theater opens another window for movie token sale

In order to expedite the flow of patrons into the Center theater on regular movie nights, two box office windows at which movie admission tokens can be purchased are now open for business.

To prevent cross traffic problems, there is a separate entrance leading from each of the box office windows.

On regular movie nights (Monday, Wednesday, Friday, Saturday, and Sunday), the box office opens at 6:30 and the film starts at 7 o'clock.

Tokens good for admission to the movies at the Center theater can be purchased in advance at the Recreation Coordination Office, located next door to the Center gym, Monday through Friday between the hours of 8:30 a.m. and 5 p.m., or at the theater box office on those nights that films are being shown.



**BIT OF GOOD LUCK** — Mrs. Roberta Payne, an employee in the NWC Supply Department, accepts the keys to a moped from MSC S. B. Sabacor, Commissary Store officer. The two-wheel machine was provided as part of a promotion by the Carnation Co. that was held in conjunction with the Washington's Birthday sale, Feb. 11 to 24, at the Commissary Store. All that was required of Commissary Store patrons was that they place their name on an entry blank in order that they be eligible to win the moped. Chief Sabacor presented the keys to the moped to Mrs. Payne on behalf of Cdr. Anthony Janse, officer-in-charge of Commissary Stores in the San Diego Region.



**RUSSIAN FOLK MUSIC PROGRAM SLATED** — The Odessa Balalaikas, America's foremost interpreters of Russian folk and gypsy music, will be at the Center theater next Wednesday night, March 19. The well-known musical group, whose appearance here is being sponsored by the Indian Wells Valley Concert Association, is returning with a new and expanded program of instrumental and vocal music. The concert artists are Judy Sherman, Linda O'Brien, Peter Rother, Jonathan Rother, and David Lieberman.

### Odessa Balalaikas will present evening of Russian folk music

The Indian Wells Valley Concert Association will present an evening of Russian folk music by the Odessa Balalaikas next Wednesday, March 19, starting at 7:30 at the Center theater.

This group of young, highly skilled American musicians — three men and two women — was formed at the University of California at Los Angeles in 1972. The musicians discovered themselves in a special class in Russian folk music, found they had mutual, deep-rooted interests, and decided to organize the group.

Special event passes will be available at both Naval Weapons Center gates to concert-goers who do not have regular NWC passes. General admission tickets are priced at \$5 each, or \$3 for those under 21 or over 65 years of age, as well as for enlisted military personnel.

Tickets can be purchased in advance from 2 to 5 p.m. each day at the Maturango Museum, or at the following business places in Ridgecrest: The Music Man, The Gift

Mart, Medical Arts Pharmacy, Sports Etc., Lilly's Dress Shop, and at the Center Pharmacy, which is located next to the Drummond Medical Center.

In addition, tickets will be on sale at the Center theater box office next Wednesday from 4:45 to 7:15 p.m.

In conjunction with their evening performance for the general public, the Odessa Balalaikas will present a 50-minute children's concert of Russian folk music at 10 a.m. on Wednesday, March 19, in the Center Theater.

Arrangements have been made for all Sierra Sands Unified School District second- and third-grade students to attend, along with additional grades from Inyokern and Rand Schools, plus a few other student groups.

This program is provided at no cost to the students as an educational service by the Indian Wells Valley Concert Association. The presentation has been made possible by several recent contributions to the Student Education Fund.

### Spring Festival planned March 22 by Desert Dancers

The China Lake Desert Dancers will present their annual Spring Festival on Saturday, March 22, in the multi-use room of Burroughs High School.

Entitled "Lech Lamidbar" (meaning "come to the desert"), the festival brings dancers from throughout the southland.

The afternoon session, to be held from 1:30 to 4:30, is free for all who wish to dance to recorded music or to watch the dancers. Dancing at the evening session will be to the music of the Nama Orchestra and singers; admission for the 8 to 11:30 p.m. session is \$2.50 a person.

### Astronomical Society hosts star party tonight

A free public star party, sponsored by the China Lake Astronomical Society, will begin tonight at 8 o'clock at the Sandquist Spa recreational area.

Weather permitting, telescopes will be set up for visitors to view such celestial objects as the planets Mars, Jupiter, and Saturn, star clusters in the Milky Way, the great nebula in the Sword of Orion, and external galaxies.

The turn-off to Sandquist Spa is located on Inyokern Road five miles west of the main gate of the Naval Weapons Center. A two-mile road north connects the Spa to the highway.



### Commissioned Officers' Mess

St. Patrick's Day, which falls on Monday, will be celebrated on Saturday evening at another gala Membership Night fete at the Commissioned Officers' Mess.

Dinner special of the evening will be corned beef and cabbage, which will be served from 6:30 to 9 o'clock. There also will be live music for the listening and dancing pleasure of COM patrons and their guests from 8 until midnight. Price of the dinner and dance is \$4 for COM members and their spouses, and \$5 for guests.

Name of the musical group that will be playing for this Membership Night event wasn't known at press time for this week's ROCKETEER.

Reservations for tomorrow night's St. Patrick's Day dinner and dance at the COM can still be made this afternoon by calling 446-2549.

Two special dinners are scheduled at the COM next week. They are a barbecue night on Tuesday and Italian night on Thursday, March 20. Dinner will be served from 5 to 9 o'clock each evening.

### Chief Petty Officers' Club

Tickets are now on sale at the Chief Petty Officers' Club for the upcoming CPO Military Ball on Saturday, March 29.

A prime rib dinner with wine will be served at 7 p.m. and Sonora del Mar, the 11th Naval District 8-piece dance combo, will provide musical entertainment.

Attire for this evening is semi-formal and reservations, which can be made by calling NWC ext. 3633, are a must.

Tonight at the CPO Club, Country Express, a rock and country-style music group from the Los Angeles area, will be playing from 9 o'clock until 1 a.m.

Before the music starts, the CPO Club dining staff invites members and guests to enjoy dinner from a menu featuring prime rib of beef or Icelandic cod that will be served from 6 to 9 p.m.

### Enlisted Mess

A contemporary rock music group from the Los Angeles area, known as the Good Time Band, has been booked for entertainment tonight from 9 until 1:30 p.m. at the Enlisted Mess.

Prior to this evening's dance at the EM, the dining room will be open from 6 to 8:30 p.m. Special entree on the menu will be a seafood plate with lobster.

### Ceramic show slated on Sunday, Monday at Community Center

Everyone in the community is invited to attend the 32nd annual ceramic show, which will be held in the Community Center on Sunday from 3 to 7 p.m. and Monday from 10 a.m. until 7 p.m.

Between 90 and 100 Ceramic Club members usually compete in the free show; trophies and ribbons will be awarded, and the public may vote for the "best of show" award.

A demonstration of pouring technique is planned on Sunday, and club members will be on hand to answer questions that visitors may have about other ceramic techniques and skills. Ceramic objects made by club members will also be on sale both days.

U.S. Government Printing Office:  
1980 — No. 1017

From:	PLACE STAMP HERE
To:	

### Wild burro roundup will begin next week

A roundup of wild burros in a 200 sq. mile area of the Naval Weapons Center located north, south and west of Armitage Airfield will begin next week.

The Bakersfield District of the Bureau of Land Management (BLM) has agreed to round up the burros from an area in which they are creating hazards that could lead to a serious accident should one of these animals wander onto the Center airfield runways during an aircraft takeoff or landing.

In recent weeks, there have been vehicle accidents on Inyokern Rd. caused by burros that have strayed onto the highway.

### Interim Measure

Capt. William B. Haff, NWC Commander, has approved this emergency plan, which is an interim measure designed to alleviate a current burro problem in the vicinity of Armitage Airfield. It is complementary to a full environmental impact statement and long range management plan that is being developed because of the concerns of Navy officials with respect to the large number of burros on all of the Center's ranges.

A number of burros are year-round inhabitants of the flat, inner range area of NWC where the roundup will be conducted. Recently, however, the onset of cold weather in the uplands coupled with the availability of water from heavy rains that has formed ponds in many lowland areas, has resulted in a substantial increase in the number of burros to be found at low elevations.

### Attracted to Paved Areas

These animals are especially attracted to black-topped runways and roads on cold nights because of the heat that radiates from these paved areas. This has raised serious concern about the likelihood of an aircraft accident at night when it is virtually impossible to see the burros.

In addition, the possibility of vehicle collisions with burros on narrow range roads has prompted the immediate implementation of this emergency management plan.

Burros that are captured next week by BLM wranglers will be transported to a holding facility at Olancha, where they will be available for adoption by private owners.

A recent amendment to the 1971 federal

(Continued on Page 3)

### Dr. Rogers, Systems Development Dept. head, to retire

Dr. Marguerite (Peggy) Rogers, first lady of the science and engineering community at China Lake who heads the NWC Systems Development Department, will bid adieu to her formal association with the Naval Weapons Center a week from today when she will retire from Civil Service.

There was one break in her employment here, which began in February 1949, and it started in 1953 when Dr. Rogers accompanied her husband, Fred, to the University of South Carolina where he had accepted the position of head of the physics department. In South Carolina, she was a professor of physics and directed the Science Division at Columbia College and also took part in research studies performed at the University of South Carolina under a contract with the Office of Naval Research.

When her husband died in 1956, she spent a year in Salford, England, as a lecturer in physics at the Royal Technical College so she could be near her brother, whom she hadn't seen in years.

Returned Here in 1957

Dr. Rogers returned to NOTS in 1957, and has remained here ever since. Her steadily increasing responsibilities leading up to her present department head duties began with work as an electronics scientist assigned to investigate new navigational and fire control systems, and a year later she became a branch head in the old Aviation Ordnance Department.

## nwc rocketeer

Naval Weapons Center  
China Lake  
California

March 14, 1980

Vol. XXXV, No. 11

### 3 Centerites first to receive Commander's Award for Excellence in Mission Support

At Monday morning's Commander's meeting, Robert T. Hintz, Kenneth LaBaw, and Wayne E. Smith were announced as the first recipients of a new award — the Commander's Award for Excellence in Mission Support.

According to Capt. W. B. Haff, NWC Commander, this award was established in 1979 in response to a need to recognize NWC employees whose achievements in mission-support activities are a counterpart to the Technical Director's Awards for recognizing technical achievements.

All NWC employees are eligible to receive the new award, which consists of a pyramid-shaped paperweight inscribed with the recipient's name, specific mission-support related achievement, signature of the Commander, and date of the award. Also included are a letter of commendation from the Commander, and a stipend, normally \$200; military personnel who receive the Commander's award will be able to receive the stipend only under special circumstances, however.

### Selection Procedure

Nominations for the new award are made by the cognizant department head to the Employee Relations Division (Code 091) of the Personnel Department. The nominations are then considered by a panel consisting of the Vice Commander, Laboratory Director, and Test and Evaluation Director. The panel recommendations are submitted to the Commander and Technical Director for final consideration.

The three men who were honored by becoming the first recipients of the award presented by Capt. Haff and Capt. Aldana, NWC Vice Commander, earned this recognition by their work with laser safety.

LaBaw developed the LASAFE Laser



**COMMENDED** — Capt. W. B. Haff, NWC Commander, passes to Kenneth LaBaw (at right) an official letter of commendation that accompanied an engraved pyramid-shaped paperweight signifying that LaBaw received the Commander's Award for Excellence in Mission Support. Watching is Wayne E. Smith, also a recipient of the new award. The third recipient, Robert T. Hintz, was unable to be present for the ceremony, which took place during Monday morning's Commander's meeting. — Photo by Ron Allen

Safety Computer Program, with the assistance of Hintz, who formulated the program. This program is available to anyone at NWC who has a need for determining laser system eye hazard ranges, skin hazard ranges, optical densities required for laser eye protection, and other necessary laser safety information.

The computer program has resulted in

reduction of time and a marked increase in accuracy required to make necessary hazard distance calculations.

The LASAFE Laser Computer Safety Program (described in NWC Technical Publication 6054, "Laser Safety Computer Program") has been adopted by a number of other government activities including the Pacific Missile Test Range, Pt. Mugu, Calif.; Naval Surface Weapons Center, Dahlgren, Va.; Edwards Air Force Base, Calif.; Nellis Air Force Base, Las Vegas, Nev.; School of Aerospace Medicine, Brooks Air Force Base, Tex.; and other activities.

Smith was honored for establishing the

(Continued on Page 3)

### Authority for classifying jobs returned to NWC

Position classification authority for employees in GS-13 through GS-15 positions has been returned to the Naval Weapons Center, it was announced at Monday morning's Commander's meeting.

This action was taken because of the Center's involvement in the proposed Civil Service Reform Act Demonstration Project.

Previously, position classification actions were sent to San Diego for handling, but this procedure required an extended period of time for completion. Steve Sanders, acting head of the NWC Personnel Department, explained.

With the position classification authority now returned to NWC, classification actions for GS-13 through GS-15 positions can be greatly speeded up, thus freeing Center management and Personnel Department employees for work on the Demonstration Project.



Dr. Marguerite (Peggy) Rogers

(Continued on Page 4)



## Employee service awards

The following Naval Weapons Center employees have received Federal service or NWC length-of-service awards:



Jay Dee Ward  
35 yrs. Fed'l Service  
Code 3351



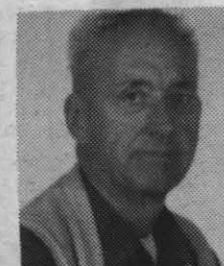
Alan R. Sound  
30 yrs. Fed'l Service  
Code 0632



Al L. Benton  
30 yrs. Fed'l Service  
Code 6221



Armando Moreno  
25 yrs. Fed'l Service  
Code 3132



Clifton J. Chandler  
20 yrs. Fed'l Service  
Code 3131



Alvin L. Cleland  
20 yrs. Fed'l Service  
Code 31021



Charles E. McCall  
20 yrs. Fed'l Service  
Code 36302



Gordon R. Lowham  
20 yrs. Fed'l Service  
Code 36403

## Deadline to apply for long term training extended to March 28

The deadline to apply for both graduate and undergraduate level long term training has been extended to Friday, March 28.

Center employees who are interested in furthering their education in work-related areas where no educational institution or academic program exists in local or commuting areas are encouraged to contact Terry Mitchell by telephoning NWC ext. 2574.

Those who are accepted for long term training—training that lasts more than 120 consecutive days—are able to use Navy Civilian Personnel Command funds to cover their travel allowance to and from the school, tuition and fees for enrollment, and payment for moving their immediate family and household goods to the school and back to the Center. NWC will be responsible for the trainee's salary during time spent in school.

Long term training may be considered to meet any of the following objectives: to update an employee's knowledge of his or her field; to provide a technically oriented employee with tools of management where job responsibilities have become primarily managerial; to expand an employee's knowledge and background in an occupational specialty by providing an opportunity to learn about significant breakthroughs as they pertain to the mission of the activity; to acquire knowledge of some aspects of another occupation as they relate to an employee's present occupation where responsibilities are either interdisciplinary or multidisciplinary; and to provide knowledge of human and motivational factors that contribute to technical and managerial competence.

The Technical Planning Board will consider applications in any area of study that relates directly to NWC program requirements.

To be eligible to apply for long term training, employees must have completed three years of NWC employment by the time that the training begins. Applications submitted now will be considered for the fall or winter quarter or semester at a college or university.

### Fed'l Managers Ass'n to hear talk by Reed

Jerry Reed, associate head of the NWC Range Department, will be the featured speaker at the next meeting of China Lake Chapter No. 28, Federal Managers' Association.

Reed will discuss his experiences as a Congressional Fellow during a luncheon that will be held on Tuesday, starting at 11:30 a.m., at the Enlisted Mess.

Matters of interest to be covered by Reed will include his work on a report concerning "Army Readiness." In addition, he will relate his perception of the impact that letter writing and telephone calls have on members of Congress.

The FMA meeting is open to all interested persons. Centerites who wish to attend are asked to make reservations and decide upon their selection from the menu before 4:30 p.m. Monday by calling any of the following NWC employees:

Edna Easterling, NWC ext. 3791; J. W. Williams, Public Works switchboard 3411, ext. 253 or 249; Donna Gonder, NWC ext. 3488; or Glenn Johnson, NWC ext. 7558.

## 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 97, 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 996 or 997). 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. The minimum qualification requirements for all GS positions are defined in CSC Handbook X-118, while those for all WG, WL and WS positions are defined in CSC Handbook X-118C.

Secretary, (Typing), GS-318.5, PD No. 8008007N, Code 084

This position is that of secretary to the head, Management Information Systems Division, Office of Finance and Management. The incumbent will provide standard secretarial services such as maintaining the supervisor's calendar, screening and referring calls and visitors, screening and routing correspondence as well as replying to certain correspondence, maintaining records and providing a link between the division head and his staff. In addition, the incumbent will assist analysts in various functions and be responsible for writing and typing task orders and work assignments for service contracts. Job Relevant Criteria: Ability to coordinate and plan office activities; knowledge of contract clerical procedures; ability to apply correspondence rules; ability to establish priorities; ability to comprehend and interpret written materials.

File applications for the above with Claire Boyd, Bldg. 34, Rm. 206, Ph. 2476.

Supervisory General Engineer, GS-801-12, PD No. 7245003M1, Code 3254 — This position is that of head, Process Engineering Branch, Process Systems Division, Ordnance Systems Department. Incumbent supervises following functions: design, development, testing, and major installed process and support equipment used in research, development, and fabrication of explosives and propellants. Job Relevant Criteria: Knowledge of ordnance processing equipment; knowledge of ordnance processing facilities; knowledge of ordnance safety. Promotion potential: GS-12.

Planner and Estimator (Machinist), WD-3414.8, JD No. 236-1, Code 3254 — Provides for planning of machine shop and sheetmetal work involving equipment and facilities used in the fabrication and development of propellants, explosives, missile and/or propulsion device housings. Job Relevant Criteria: Ability to facilitate production; Instrumentation Support Division, Ordnance Systems Department. The incumbent is the manager of the NWC Interactive Graphics Program Office. The incumbent will be responsible for the management and operation of all turnkey interactive graphics system facilities at NWC. Duties also include specification formulation, procurement and installation of equipment, supervision of the NWC technical community, supervision of the Operations and System Development Groups and liaison and coordination with other IAG users. Job Relevant Criteria: Ability to supervise, knowledge of engineering manufacturing and associated technical documentation, knowledge of computer software and hardware, ability to communicate levels, willingness to support EEO goals. Promotion potential: GS-13.

File applications for the above with Marry Morrison, Bldg. 34, Rm. 210, Ph. 3293.

Interdisciplinary Supervisory Mathematician, GS-1520-12, PD No. 7245003M1, Code 3254 — This position is located in the Systems Electronics Branch, Systems Engineering Division, Engineering Department. Incumbent utilizes knowledge of electronic circuit, digital circuit, microprocessor and software design to develop automatic test equipment for guided missiles. This includes preliminary analysis and simulation, stress analysis, sneak circuit analysis, circuit compatibility with interconnecting and adjacent components, machine language, assembly language, flow diagrams, functional partitions, state diagrams and timing diagrams. Job Relevant Criteria: Ability to perform worst case and circuit analysis; ability to design and implement test instrumentation or test fixtures; ability to perform accurate mathematical analysis to determine operational parameters for electronic systems; ability to analyze and design digital microprocessor based systems. Promotion potential: GS-12.

File applications for the above with Susie Cross, Bldg. 34, Rm. 206, Ph. 2371.

Electronics Engineer, GS-855-11/12, PD No. 735501E, 735402E & 735410E, Code 3422 — This position is located in the Systems Electronics Branch, Systems Engineering Division, Engineering Department. Incumbent utilizes knowledge of electronic circuit, digital circuit, microprocessor and software design to develop automatic test equipment for guided missiles. This includes preliminary analysis and simulation, stress analysis, sneak circuit analysis, circuit compatibility with interconnecting and adjacent components, machine language, assembly language, flow diagrams, functional partitions, state diagrams and timing diagrams. Job Relevant Criteria: Ability to perform worst case and circuit analysis; ability to design and implement test instrumentation or test fixtures; ability to perform accurate mathematical analysis to determine operational parameters for electronic systems; ability to analyze and design digital microprocessor based systems. Promotion potential: GS-12.

File applications for the above with Marge Stanton, Bldg. 34, Rm. 206, Ph. 2925.

Supervisory Interdisciplinary Position: Electronics Engineer, Mechanical Engineer, Aerospace Engineer, Physicist, GS-855/830/861/1310-14, PD No. 8062018E, Code 622 — As head, Range Operations Division, incumbent is responsible for operations, maintenance, and instrumentation activities involved in the conduct of tests performed on the Center's ranges comprised of highly instrumented facilities oriented toward precise testing of R&D items, systems, missiles-rockets, fuzes, guns, ordnance; provides leadership and guidance to 125 technical and support personnel. Job Relevant Criteria: Extensive experience in testing of R&D items (missiles, rockets, fuzes, guns, ordnance); extensive experience with range instrumentation systems; the ability to apply a full spectrum of managerial skills, knowledge and abilities in highly sophisticated range operations activities; extensive experience in interfacing with all levels of management in the Department of the Navy or DoD; ability to effectively implement EEO/Alternative Action Programs.

Electronics Technician, GS-854-4/18 or 9, PD No. 7962011N, Code 6221 — This position is located in the Metrics Electronics Section of the Air Operations Branch in the Range Department. The function of this branch is to design, develop, maintain, and operate electronic measurement, data transmission, photo-optical, computer and telecommunications systems; evaluate electronic systems and techniques, and provide consulting services for the users of these systems. The purpose of this position is to perform the duties of an electronics technician necessary to operate, calibrate, maintain and construct complex electronic systems and equipment such as plotting boards and digital/analog computers in the G-1 Range Control System, the Baker Range System, the Charlie Range System, and the Cose Range System. Job Relevant Criteria: Knowledge of computer numbering systems;

ability to interpret electronic schematics and wiring diagrams; ability to use electronic test equipment; ability to work well under pressure. Promotion potential: GS-11. Electronics Technician, GS-854-11 or 12, PD No. 7462019N, 4241 — This position is that of an electronics technician in the Telemetry Systems Branch of the Range Department. The mission of the Telemetry Systems Branch is the design of systems and procedures for the evaluation of weapons systems and the provision of support for such evaluations. The position contributes to the accomplishment of the mission of the branch by providing the capability of performing laboratory and field tests using neodymium yag lasers; designing, fabricating, and calibrating missile telemetry systems which use charge amplifiers, triax accelerometers, voltage controlled oscillators, and power supplies; designing, fabricating, and maintaining aircraft instrumentation systems which use tape recorders, video recorders, time code generators, time-code receivers, video transmitters, and video and audio amplifiers; and the environmental testing of command destruct receivers, telemetry transmitters, and radar transponders using vibration tables, heat and cold chambers, and other test equipment. This position may be filled at the GS-12 level only after documented review indicates the superior qualifications of selection in the specific areas of this position. If filled at GS-12, this job will be FLSA exempt. Job Relevant Criteria: Design and development experience with electronic circuitry and systems; weapon system/aircraft integration study experience; laser, electro-optical, and infrared design and development experience; experience in project flight test coordination; experience in managing programs requiring coordination and liaison between the Navy and contractors.

Instrument Maker Leader, WL-4712-14, JD No. 701N, Code 6237 — This job is described as an instrument maker leader in the Range Optical Development Branch, Range Instrumentation Support Division, Ordnance Systems Department. The duty station is at Building No. 32513. The incumbent is a working leader who leads four or more employees in accomplishing the work assigned the shop. The employees under his cognizance include instrument makers, machinists, and apprentice machinists. In addition to assuring that the work assignments of the group are carried out, the incumbent is required to perform the duties of an instrument maker. The incumbent works in close coordination with engineers, scientists, and technicians in the fabrication and development of instruments for use in guided missile and ordnance test and evaluation. Instruments normally are one-of-a-kind, non-standard types of such a nature as electro-mechanical optical-mechanical, and electro-optical-mechanical devices. Job Relevant Criteria: Ability to perform instrument maker functions without more than normal supervision; knowledge of materials; ability to plan, layout, set-up, assemble, and test; knowledge of machine theory and related mathematics; ability to interpret blueprints, specifications, and technical data; dexterity and safety; ability to act as a group leader. Supplemental required.

Electronics Engineer, GS-855-11 or 12, PD No. 7962085E, 6242 — This position, located in the Telemetry Operations Branch in the Range Department, is that of a design engineer for the development and acquisition of digital and analog telemetry instrumentation systems. Typical work

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### DIVINE SERVICES

PROTESTANT  
Sunday Worship Service 1000  
Sunday School—All Ages 0830  
Sunday School Classes are held in Chapel Annexes 1, 2, 4, (Dorms 5, 6, 8) located opposite the former Center Restaurant.  
Communion Service first Sunday of the Month.

ECUMENICAL  
Wednesday Noon Bible Study 1130  
Thursday Men's Prayer Breakfast 0630

ROMAN CATHOLIC  
MASS 0830-1130  
Nursery, Chapel Annex 1 0815-1245  
Daily except Saturday, 1135, Blessed Sacrament Chapel

CONFESSIONS  
Daily 1115 to 1130  
Sunday 0800 to 0825  
RELIGIOUS EDUCATION CLASSES  
Sunday Pre-school thru 11th grade 1000  
Above classes are held in the Chapel Annexes across from the former Center Restaurant.  
Sunday afternoon 12th grade 1630  
As announced "In Home" Discussion Groups and Youth Rallies  
Contact Chaplain's Office for specifics.

JEWISH SERVICES  
EAST WING—ALL FAITH CHAPEL  
Sabbath Services every Friday 1930  
UNITARIANS  
CHAPEL ANNEX 95  
Sunday Services—(Sept. May) 1930

## China Lake Youth Soccer League schedules practice games Sat.

A series of practice games will be played tomorrow at Schoeffel and Davidove Fields, as well as at two playing fields on the Murray School campus, in preparation for the start of the spring season of China Lake Youth Soccer League competition on March 22.

The Youth Soccer League has shown a sizable spurt in the number of players involved—having grown from 270 last fall to its current total of 420, Karl Kauffman, youth soccer director, reported.

There are now 28 teams in four divisions of the China Lake Youth Soccer League, which covers youngsters from the first grade through junior high school.

A waiting list has been started for those in the first through fourth grades, since rosters for the 20 teams in the Pacific and American Divisions are full at this time.

A few players in grades 5 and 6, and 7 through 9 can still be accommodated in the National and International Divisions. Youngsters interested can make arrangements to get on a team where openings still exist by contacting the Recreation Coordination Office, located next door to the Center gym, phone NWC ext. 2010.

For those who did not participate in the youth soccer program last fall there is a soccer activity fee of \$6 that covers a full year of play. This fee is \$7 for non-DoD dependents.

Every player, including those who took part in the soccer program last fall, also must register and pay a \$2 equipment fee for this season.

Tomorrow's practice game schedule is as follows:

Pacific Div. (1st & 2nd graders)

At Schoeffel Field

8:30 a.m. — Cobras vs. Sunshine  
9:30 a.m. — Sockers vs. Fury  
10:30 a.m. — Rowdies vs. Earthquakes  
11:30 a.m. — Express vs. Chiefs

### Burros' baseball . . .

(Continued from Page 6)

In order to be eligible to play Little League baseball this season, boys and girls must have been born between Aug. 1, 1967, and Feb. 1, 1974. Proof of each child's age must be provided at the time of registration.

A voluntary donation of \$20 per player or \$30 per family is being requested to help defray expenses for the 1980 Little League baseball season.

Boys and girls can take part in the China Lake Little League baseball program if they live in any of the following areas: (1) north of Trona Rd. and east of China Lake Blvd., (2) north of Drummmond Ave. between China Lake Blvd. and Jacks Ranch Rd., or (3) north of Bowman Rd. and west of Jacks Ranch Rd.

Tryouts for Little League players who live in the Inyokern area will be held tomorrow and also on March 22 at the baseball field in Inyokern.

### Rec. Roundup. . .

(Continued from Page 6)

dination Office, located next door to the Center gym.

Additional information can be obtained by calling NWC ext. 2010.

Aqua Aerobics Classes

Advance registration is now being taken at the Recreation Coordination Office for women's aqua aerobics (water exercise) classes that will begin on Monday, April 7, at the Center gym's indoor swimming pool.

There is a fee of \$28 for the twice-weekly classes that will continue for seven weeks and be taught by Joan Renner.

Starting April 7, the classes have been scheduled on Mondays and Wednesdays from 9 to 10 a.m., and from 5 to 6 p.m. A third session will begin on Tuesday, April 8, and be held on Tuesdays and Thursdays from 1 to 2 p.m. through May 22.

12:30 p.m. — Apollos vs. Eagles

American Div. (3rd & 4th graders)

At Davidove Field

8 a.m. — Cosmos vs. Aztecs  
9 a.m. — Rogues vs. Strikers  
10 a.m. — Lancers vs. Timbers  
11 a.m. — Hurricane vs. Sting  
12 noon — Blizzard vs. Drillers

National Div. (5th & 6th graders)

1 p.m. — Tornadoes vs. Sounders at Davidove

2:30 p.m. — Surf vs. Whitecaps at Davidove

2:30 p.m. — Kicks vs. Roughnecks at Murray (SW)

International Div. (7th—9th graders)

1 p.m. — Wolves vs. Red Devils at Kelly Field

### More than 50 artists will participate in art, craft auction

Artists and craftsmen of the Indian Wells Valley have responded to the call of the Fire Mountain Foundation and more than 50 of them will take part in the Great Desert Adventure.

This event, which is to be held on Saturday and Sunday, March 29 and 30, will feature hundreds of paintings and craft items on sale at Cerro Coso Community College.

In addition to exhibiting and selling the greatest collection of the works of local artists ever assembled at one place, more than a dozen artists will demonstrate their talents throughout the weekend.

The art exhibit will be open on March 29 from 9 a.m. to 5 p.m. and on March 30 from 9 a.m. to 4 p.m.

The auction of more than 100 paintings and craft items donated to the foundation will be held from 1:30 to 3:30 p.m. on both Saturday and Sunday. Proceeds from this event will be used solely for student scholarships.

Other events that will take place include a celebrity tennis tournament on Sunday, March 30, from 9 a.m. to 2 p.m. The Great Desert Adventure is open to the public free of charge.

### Copies now available of latest veterans' handbook

The 1980 edition of the Veterans Administration's booklet, "Federal Benefits for Veterans and Dependents" is off the press and available for \$2 through the Superintendent of Documents, Washington, D.C. 20402.

The 73-page volume updates information on benefits available to veterans and their dependents.

### Rec. Roundup. . .

Richard Printy, acting head of the Process Systems Division in the Ordnance Systems Department, talked about the role that the apprentice program had played in

his own life. He encouraged the graduates to see the completion of the formal program as a crossroad at which they stand with three alternate routes ahead: one leading to becoming the best journeyman in the field, a second to becoming a wage grade supervisor, and a third leading to further education that would result in achieving a professional degree. (The route that he himself took).

Printy also commended the spouses of the graduates for the sacrifices they had made in allowing the graduates to meet requirements for the program.

Members of the graduating class who are now qualified electronics mechanics are Dave Garbani, Chuck Lewis, Steve Henderson, Jim Van Devender, Steve Reeve, Deane Campbell, Bob Brown, and Don Mueller.

Those who completed training as machinists are Bob Kirchmeier, John Benckendorf, Ralph Corn, Lanny Phillips, Sherri Miller, Nona Celestine and Bill Reed.

### Opportunities. . .

(Continued from Page 2)

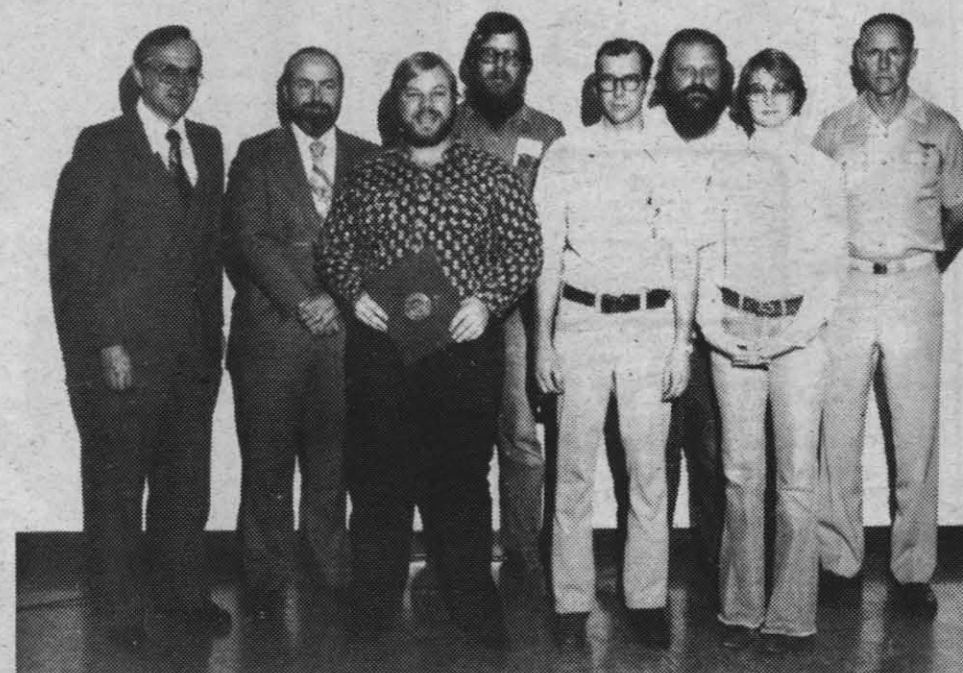
assignments will include modernization of telemetry facilities, designing digital interfaces between telemetry systems, etc. Job Relevant Criteria: Knowledge of instrumentation design; knowledge of digital control concepts.

Electronics Technician, GS-859-8/10, PD No. 8062019N, Code 6213 — This position is that of Electronics Technician in the Instrumentation Branch, Ordnance Test and Evaluation Division, Range Department. This branch is responsible for the design, development, fabrication, installation and maintenance of electronic instrumentation for the Ordnance Test and Evaluation test areas. The Branch is also responsible for design assistance, installation and maintenance of process control equipment for the Ordnance Systems Department. The incumbent is responsible for maintenance, repair, calibration and operation of instrumentation systems and process control equipment; for assisting in the design and development of new instrumentation and data acquisition systems to meet new and unique test requirements; for installation and modification of data acquisition and process control equipment. Job Relevant Criteria: Knowledge of electronic and electrical circuitry; knowledge of maintenance, installation, and operation of test instrumentation; ability to work well with others; ability to work well under pressure.

File applications for the above with Bonnie Owens, Bldg. 34, Rm. 204, Ph. 2577.

Supervisory General Engineer, GS-801-13, PD No. 80260007, Code 2405 — This position is Head, Energy Program Office, Public Works Department. Incumbent will be responsible for shore facilities energy programs on Center; responsible for Navy Energy R&D Program for programs assigned by that office; will represent the Center in energy matters with Navy and other governmental agencies; and, will prepare Navy and Center energy planning documents and oversee their implementation. Current programs include photovoltaics, hybrid vehicles, solar ponding technology, and geothermal utilization techniques. Incumbent will provide direction for: energy planning; formulation of Center energy policy; establishment of programs to provide alternate energy sources; development of energy conservation programs on Center; and implementation of DoD, Navy and Center energy regulations and instructions. Job Relevant Criteria: Knowledge of engineering principles and techniques; ability to manage a program; knowledge of energy problems, systems and techniques; ability to communicate effectively both orally and in writing; decision-making ability.

File applications for the above with Linda Long, Bldg. 34, Rm. 210, Ph. 2022.



HAPPY GRADUATES — NWC Technical Director Bob Hillyer and Deputy Technical Director Burrell Hays (far left) join the machinists who have just completed the apprentice program. In the back row are Bob Kirchmeier and John Benckendorf, who is standing beside Capt. W. B. Haff, NWC Commander. In front of them are (l. to r.), Ralph Corn, Lanny Phillips, and Sherri Miller. Two other apprentice program graduates — Nona Celestine and Bill Reed — were unable to be present for the photo. — Photo by PHAN Alan Emery

## Students honored on completion of Center's formal apprentice program

Naval Weapons Center dignitaries recently joined spouses and family members of graduates in honoring the last class to complete the formal apprentice program at the Center.

Receiving extra commendations as the outstanding apprentices were machinists Sherri Miller and Bob Kirchmeier and electronics mechanic Dave Garbani. Capt. W. B. Haff, NWC Commander, presented each of them with a \$750 Sustained Superior Performance Award for their selection by the Technician Artisan Committee; the selections were based on inputs from shop supervisors and the apprentices themselves.

In addition to the award, Kirchmeier also was presented a full set of personal tools in a solid oak tool chest by George Pruitt, who had been a machinist at China Lake for nearly two decades before his retirement in 1969.

Burrell Hays, Deputy Technical Director, noted in his opening remarks in the ceremony that the caliber and dedication of apprentice program graduates has shown up in their work many years later. He added that when a really difficult task needed to be accomplished, the apprentice graduate could be counted on to perform such a task exceptionally well.

Richard Printy, acting head of the Process Systems Division in the Ordnance Systems Department, talked about the role that the apprentice program had played in his own life. He encouraged the graduates to see the completion of the formal program as a crossroad at which they stand with three alternate routes ahead: one leading to becoming the best journeyman in the field, a second to becoming a wage grade supervisor, and a third leading to further education that would result in achieving a professional degree. (The route that he himself took).

### Opportunities. . .

(Continued from Page 2)

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File applications for the above with Linda Long, Bldg. 34, Rm. 210, Ph. 2022.

## The Rocketeer

Official Weekly Publication  
Naval Weapons Center  
China Lake, California  
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NWC Commander  
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Technical Director  
S. G. Payne  
Public Affairs Officer  
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Staff Photographer



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### Recreation Roundup

#### Meetings slated to make plans for softball season

A series of meetings to make plans for the 1980 summer season of China Lake Intramural Softball League play have been scheduled by the Recreation Branch of the Special Services Division.

These meetings, which are to be attended by team coaches and managers only, will be held in the Joshua Room of the Community Center. Separate times are set aside for each of the various divisions in the league, as follows:

Men's open slow pitch division, 5 p.m. on Tuesday, March 18.

Men's fast pitch division, 5 p.m. on Wednesday, March 19.

Women's fast pitch division, 5 p.m., and women's slow pitch division, 6 p.m., both on Thursday, March 20.

Competitive and non-competitive recreation softball division, 5 p.m. on Tuesday, March 25.

The summer season of China Lake Intramural League softball is scheduled to get underway on Monday, May 5.

#### Military Athletic Committee

Active duty military personnel who have questions about sports or recreational activities at China Lake, or who may wish to take part in Commander's Cup athletic events, are asked to contact members of the Military Athletic Committee.

Members of this committee, and the telephone numbers to call in order to get in touch with them: AE1 Roy Tefft, NWC ext. 5496, for NWC Blue (Code 612); MA1 Ken Boswell, NWC ext. 2016, for NWC Gold; and LI1 Rudy Cena, NWC ext. 5236, for VX-5.

#### Ski Trips to Mammoth

The Recreation Branch of Special Services has made arrangements for two more weekends of skiing in the Mammoth Lakes area. The price of \$18.50 for military personnel and \$20 for civilians includes the cost of both transportation and lodging.

One outing to Mammoth is scheduled tomorrow and Sunday, and the other one will be coming up on April 5 and 6.

Payment for transportation and lodging must be made when reservations for the trip are made at the Recreation Coord-

(Continued on Page 7)

#### IWV Pony League to hold final tryout session tomorrow

Player tryouts in preparation for the start of the 1980 Indian Wells Valley Pony League baseball season will be held tomorrow from 8 to 11 a.m. at the China Lake Pony League baseball field.

This will be the last opportunity for boys and girls 13 to 14 years of age to demonstrate their playing ability before team coaches and managers get down to the business of selecting players.

In order to be eligible to compete on a Pony League baseball team, all players must attend a tryout session, league officials emphasized.

Arrangements have been made for special event passes to be available at the gates to the Naval Weapons Center to accommodate youngsters living off Center who wish to take part in the tryouts tomorrow.

Later, season-long gate passes will be provided for all Pony League players and members of their families who need them.



— Photo by PHAN Alan Emery

**LITTLE LEAGUE BASEBALL TRYOUTS** — Earle Roby, manager of the Yankees, a team in the Major Division of the China Lake Little League, observes as Tammy Burke goes through the player tryout routine being held on Saturday mornings at Little League diamond No. 4. More tryout sessions for youngsters interested in playing on Major and Minor Division teams this spring will be held from 9:30 to 11 a.m. tomorrow, and also on March 22.

#### Tryout sessions set for Little League Major, Minor Div. teams

More tryout sessions for boys and girls interested in playing on China Lake Little League Major and Minor Division baseball teams are scheduled tomorrow from 9:30 to 11 a.m. at Little League Diamond No. 4.

So far, according to Dan VanderWerf, president of the China Lake Little League, 100 prospective Little Leaguers have signed up at China Lake and another 70 in Inyokern in preparation for the 1980 season.

For those who can't make it tomorrow, another tryout session has been scheduled at the same time and place on Saturday, March 22.

By the time the Major and Minor Division seasons begin on April 21 and 28, respectively, following four weeks of team practice sessions, the total number of youngsters involved in the China Lake Little League baseball program this spring is



Skip McIntosh

expected to total around 230, VanderWerf said.

A request has been made to Little League district officials to permit 6 and 7-year-old youngsters from the Ridgecrest Little League area to participate in the China Lake Little League's T-ball program. If approved, this will add to the number of participants in the youth baseball program.

(Continued on Page 7)

#### NWC basketball player picked on all-Navy hoop squad

AMHAN Skip McIntosh, a standout player on the NWC varsity basketball team this past season, continued his stellar performance on the basketball court during the month-long Navy basketball training camp held during February at the Naval Air Station, Corpus Christi, Tex.

McIntosh, who is assigned to duty at the Armitage Airfield Cold Line, was one of 11 players chosen for the all-Navy basketball team at the conclusion of training camp practice sessions attended by 32 representatives from 20 different Navy commands.

Following the interservice basketball competition, held earlier this month at Maxwell Air Force Base in Alabama and won by the Army all stars, McIntosh was singled out to join an all-star interservice team of 10 players who were chosen to compete this week in Jacksonville, Fla., in a national Amateur Athletic Union (AAU) tournament.

Prior to joining the Navy, McIntosh was picked as a member of the second team small college All-American basketball squad for his performance during the 1978-79 season at Henderson State College in Arkadelphia, Ark.

His previous experience as a basketball player also includes playing for the Lawson State Community College cagers in Birmingham, Ala., a team that won the Alabama state tournament and topped off the 1976-77 season by placing fourth in the National Junior College Tourney at Hutchinson, Kans.

As a prep school hoopster, McIntosh was chosen on the all-city team for his play with DeWitt Clinton High School in New York City, and also was a member of the Parker High School team in Birmingham that won the Alabama state championship.

#### Burros varsity nine splits doubleheader with Bakersfield High

Burroughs High School's boys' varsity baseball team, which split a double-header against Bakersfield High last Saturday in Bakersfield, will take on the East Bakersfield Blades here tomorrow in a final tune-up tilt before the start of Golden League play on Tuesday.

The first game of Saturday's double bill between the Burros and Blades is scheduled to get underway at 11 a.m. at the BHS athletic field.

On Tuesday, the Burros nine will host the Palmdale Falcons in a league contest that will begin at 3:30 p.m.

Last Saturday in Bakersfield, the Burros baseball team won its fourth game in a row of the 1980 season by defeating the Bakersfield Drillers 10-4 in the first half of the double-header in Bakersfield.

In game No. 2, however, the tables were turned on the local high school nine, which lost to Bakersfield by a score of 13-3.

During the first of two games between the Burros and Drillers, the local high school nine broke open a scoreless deadlock by tallying twice in the top half of the fifth inning. The score remained at 2-0 in favor of Burroughs until the Drillers came to bat in the sixth inning and scored 3 runs to take a short-lived 3-2 lead.

The issue was settled once and for all in the top of the seventh when the Burros erupted for 8 runs that boosted their lead to 10-3. A solo tally in the bottom of the seventh was too little, too late for the Bakersfield team, and the Burroughs High varsity baseball squad picked up its fourth straight win of the season.

Greg Bell was the winning pitcher for Burroughs, thanks to help in a relief role by Jody Gaunt. The Burros scored 10 runs on 5 hits in their winning performance against Bakersfield High.

The second game against Bakersfield High was another story, however, as the Drillers collected 12 hits off five different pitchers for Burroughs, and also took advantage of 7 fielding errors by the local team to post a 13-3 win.

The Bakersfield Drillers scored a single run in their first turn at bat, but the Burros hung on and were trailing by just 5-3 after 5½ innings of play. At that point, the Drillers broke loose for 8 runs in their next turn at bat and that was the ball game.

#### 1st place lead in Premier League cut to 5½ games

Bowlers for The Place are now 5½ games off the pace set by the league leading Triangle Mobile Homes Keglers, following Monday night's Premier League action at Hall Memorial Lanes.

The Place won two out of three games from the Premier League front runners on an evening during which the high team game and high team series scores of 1,048 and 2,820, respectively, were posted by the Fisher Plastering team.

Led by Pat Nalley's individual series of 662, there were four Premier League bowlers with three game scores in excess of 600. In addition to Nalley, they were John Therning (620), Thad Brightwell (608), and Jim Kincheloe (604).

Those whose single game scores topped the 220 mark were Nalley (253), Therning and Brightwell (244), Ed Donahue (236), Kim Duckett (232), Hub Zimmerman (231), and Cliff Moss and Earle Roby (221).

Current standings in the Premier League are:

Team	Won	Lost
Triangle Mobile Homes	51	24
The Place	45½	29½
Raytheon Sidewinders	40	35
Buggy Bath	40	35
Clancey's Claim Co.	37	38
Parlow Construction	36	39
Elks Lodge	34	41
Fisher Plastering	33	42
Hideaway	32½	42½
E.R.I. Hustlers	26	49

#### Commander's Award presented...

(Continued from Page 1)

NWC Laser Safety Committee in 1974 and because of his service as its chairman for the past six years. He spearheaded funding efforts for the development and implementation of the NWC Laser Computer Program. Additionally, he coordinated safety review and proposed modifications to the laser research facilities in the Lauritsen Laboratory before they were put into use.

All three of the men are long-time Center employees.

Hintz, who was not able to be present for the award ceremony, has been at NWC since 1968, when he came here as a Junior Professional employee after completing a B.S. degree in physics at the University of Wisconsin. He also attended the University of Southern California on a Naval Weapons Center Fellowship for graduate studies of physics. Hintz is currently employed in the Electro-Optical Sensors Branch of the Fuze Department.

LaBaw is also a physicist, having received a B.S. degree in physics from

Chico State University prior to coming to the Center in 1960. He was employed in the Aviation Ordnance Department during his first period of work at China Lake, transferring to the Fuze and Sensors Department in 1971. He is currently associate head of the Sensor Systems Division of that department.

Smith, a graduate of Burroughs High School, holds a B.S. degree in biology from Cal-Poly University, San Luis Obispo. He took graduate course work in chemistry at the University of Washington prior to employment as a chemist for the Department of Agriculture. He returned to China Lake as a chemist working in the Engineering Department in 1966, and transferred to the Safety Department in 1971, where he is currently employed in the Laboratory and Explosives Safety Division.

#### Bobcat climbs pole, causes power outage in NWC range areas

A bobcat, native to the local desert area, last week ran afoul of modern-day technology in the Naval Weapons Center range area with fatal results for the animal.

Whether it was curiosity that killed the cat, or some other whim that prompted it to climb to the top of an electric power pole, the unfortunate animal came in contact with two wires on a 34,500-volt electric power line and was killed instantly.

The incident, which occurred at around 7:15 a.m. on Wednesday, March 5, took place approximately a mile down range from the Supersonic Naval Ordnance Research Track.

The ensuing power outage effected the B-1, B-4, G-4, and sections of G-2 range, as well as the X-3 pad, according to Al Challenor, a supervisor in the Power Distribution Shop of the Public Works Department, whose men were called out to remedy the problem.

#### Burro roundup...

(Continued from Page 1)

law protecting wild burros now permits those interested in adopting such animals to apply for up to four burros a year. At the end of one year, if an animal has been given proper care, the adopter receives title to the burro.

Anyone wishing to adopt a burro that is rounded up under any of several live capture programs being conducted in this region by the BLM can file an application with the Bakersfield District Office by writing to: Bureau of Land Management, 800 Truxtun Ave., Bakersfield, Calif. 93301.

The Ridgecrest area office of the BLM at 1451 N. Norma St., has some information pamphlets about adopting burros, but does not have the application forms, which must be obtained from BLM's district office in Bakersfield.

The Naval Weapons Center will not be issuing any applications or permits for the adoption of burros captured from its lands. All such requests must be directed to the Bakersfield District Office of the BLM.

#### Leading role assigned in Secure Telemetry Program

Word was recently received that Capt. R. C. Jones, Director of Target and Range Systems Division of the Naval Air Systems Command (AIR-630), has designated the Naval Weapons Center as Deputy Program Manager for the Secure Telemetry Program.

As Deputy Program Manager, NWC will provide management and technical direction for the Secure Telemetry Program.



**PREPARED FOR LIFT OFF** — Chains and nylon cables are fastened to the wing section of a B-29 Superfortress in preparation for transporting it from Armitage Airfield to its new home outside Merced, Calif., where the obsolete aircraft will be reassembled and placed on display at Castle Air Force Base. Assisting in this work here last week were members of a Kansas Air National Guard unit — the 137th Transportation Co., Heavy Helicopters, from the Army's Aviation Support Facility at Topeka. The Air National Guardsmen (nine in all), two Air Force men from Castle AFB, and Lt. Col. James Gibbons, USAF Liaison Officer at NWC, assisted in preparing two wing sections for the flight to Castle AFB. Two days were spent rigging and test lifting the wing sections to make sure they could be transported without buffeting or vibration. Two CH-54 Skycrane helicopters, each powered by a pair of jet engines that enable the huge helos to lift upwards of 20,000 lb., were flown here from Kansas for this special task. All other parts needed for restoration of the World War II vintage bomber stored in a salvage yard at China Lake were transported by truck to Castle AFB.

#### Aviation Ordnance Department reunion to be held tomorrow

Tomorrow will be filled with nostalgia for present and former Centerites who were members of the Aviation Ordnance Department during its two-decade life span before being phased out in 1970.

Indicative of how former AOD members felt about the department is that over 450 reservations have been received for the festivities, and that former Centerites are coming from as far away as Washington, D.C., to share memories with their friends.

The department was known for its esprit de corps, its warmth and individual cooperativeness. These were seen as an extension of the personality of Department Head Dr. Newton Ward, who will be present for the reunion.

Registration for the day's activities will take place from noon to 2 p.m. tomorrow at Joshua Hall on the Desert Empire Fairgrounds in Ridgecrest. At 2 p.m., a skit will be presented, to be followed by old movies taken of and for AOD parties. A concession stand will be open throughout the afternoon to serve refreshments.

The evening's festivities begin with the formal opening of the punch bowl and a social hour at 6. Dinner is to be served at 7. Another skit and program will be presented at 8:30; Maurice Hamm will serve as master of ceremonies.

Dancing from 9:30 p.m. until 1:30 a.m. will conclude the gala reunion.



— Photos by PH2 Tony Garcia

#### Ens. Beck to take over duties of head of Communications Division

Ens. Sharon Beck will become head of the Communications Division in the Military Administration Department on March 16, when Lt. Colleen McKenzie leaves for a new duty assignment.

As head of this division she will be in charge of the message center, ground electronics, the \$1,500,000 telephone contract, and the quarterdeck. Her collateral duties include being in charge of the BOQ and the Counseling and Assistance Center.

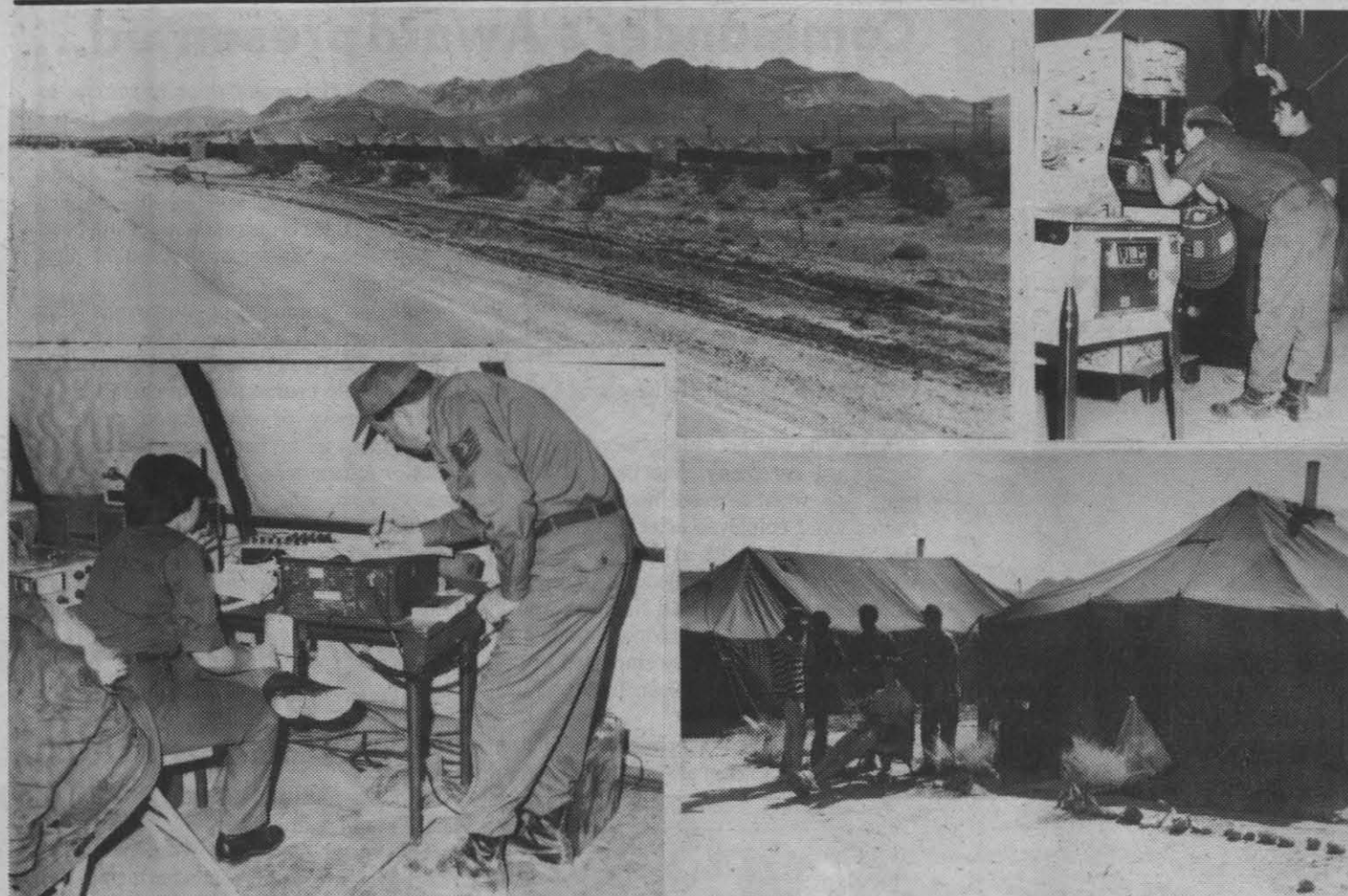
Ens. Beck reported to NWC on Jan. 4 following Christmas leave spent in her home of Kaysville, Utah. She had just completed Officer Candidate School training at Newport, R.I., prior to that leave; NWC is her first duty station.

When Ens. Beck graduated from Weber State College in Ogden, Utah, with a degree in English and philosophy, she says that she



Ens. Sharon Beck





**PART OF DESERT WAR GAMES** — An olive drab tent city (upper left photo) in the Slate Mountains at NWC's Echo Range facility houses 350 Air Force and Army personnel who have been involved this past week in the Gallant Eagle 80, a multi-service exercise aimed at assessing the military's airlift capability, as well as the ability to coordinate various military branches into a cohesive, coordinated force composed of Army, Air Force, and Marine Corps personnel. The occupants of "tent city" commute to nearby mountain tops to operate radar equipment during the training exercise. The city is complete with all the amenities, including recreational facilities (upper right). The headquarters tent (lower left) serves as nerve center for round-the-clock com-

munication during the war games. Flooring and sturdier sides on this tent ensure that headquarters will neither blow away nor sink into the mud despite what the weather brings. Air Force personnel relax in front of "Caesar's Palace" (lower right) in off-duty hours. The luxuries of tent living include a garden (two ragged tumbleweeds), and a moat (dug to drain rain water, proving unexpectedly useful when the rains actually came). The visitors were introduced to another aspect of desert spring weather — tents were erected during a gentle spring breeze. Personnel from the 728th Tactical Control Squadron who erected the tents reported it took six men per side to hold the canvas down while it was being staked in place. —Photos by Ron Allen

## Dr. Rogers to end distinguished career here. . .

(Continued from Page 1)

sought by NWC officials from time to time. Dr. Rogers will barely have her office desk in Michelson Laboratory cleared out before she will be heading back to the Naval Surface Weapons Center at Dahlgren, Va., in April to serve on a committee formed to select a new technical director at Dahlgren. She also anticipates, and is looking forward to, keeping in touch with activities at NWC by being called upon to do special studies at the request of representatives of the Center's top management.

### Offered Encouragement to Others

As a woman who has worked in a field dominated by men throughout her own work life, Dr. Rogers has always been interested in trying to help women get ahead in science and engineering, and has offered encouragement to women striving to move up the ladder so they would feel there was a chance for them — and there is, she emphasizes.

"It's no longer such an uphill fight," she noted, adding that she feels particularly fortunate in having decided to come to work at a place (NWC) where she has never been aware of any discrimination.

"This can't be said everywhere in government activities, although the government is working to correct this problem, but where job discrimination on the basis of sex exists it is a reflection of the people who run the place. Here the attitude is good," Dr. Rogers emphasized.

### Leadership Potential Seen

On this same point, she went on to add that there are some highly promising women employees at NWC these days, and she is pleased with the way they are blossoming out. "We have some good ones I expect to see rise to the top," Dr. Rogers said.

Looking back on her lengthy career at China Lake, one of the programs she is most proud of being associated with, she said, is the Navy freefall weapon program. As head of the Air-to-Surface Weapons Division in the former Weapons Development Department (then headed by Frank Knemeyer), Dr. Rogers provided leadership and direction to a group of Centerites who put their expertise to use in the

development of a variety of new conventional weapons that were put to very effective use during the Vietnamese War. Mentioned specifically by the departing department head were Rockeye — a cluster bomb used against enemy personnel and armored vehicles — and Snakeye. The latter is a retarded bomb that can be dropped by low flying aircraft without any danger that the blast will damage the plane.

In 1974, when Dr. Rogers became the first woman to hold a department head position at the Naval Weapons Center, she became involved in a change of emphasis from weapons to the development of aircraft systems for attack aircraft and she, along with many others, set out to build up a new product line for the Center.

### New Product Line

This new product line is aircraft weapons systems integration and software support. From a minor effort with the A-7 Corsair II, this has grown to include the A-6 Intruder, the F/A-18 Hornet, the A-4M Skyhawk, and the AV-8B Harrier. This work has become an important part of the Center's technical programs and can be expected to increase, Dr. Rogers said.

For more than 10 years, Dr. Rogers has been active as a member of the Steering Committee for the Joint Technical Coordinating Group for Munitions Effectiveness. This is a tri-service effort, the purpose of which is to insure that all three branches of the military service are working together to improve upon the effectiveness of weapons.

During the course of her lengthy and valuable career as an NWC employee, Dr. Rogers has received numerous awards and honors.

### Recipient of Thompson Award

In 1966, she was awarded both the Center's L. T. E. Thompson Award and the Superior Civilian Service Award by the Naval Air Systems Command in recognition of her leadership in the development of the Navy's freefall weapons.

Two special honors came her way in 1967 when she was the recipient of the American Ordnance Association's Harvey Knowles Award and also received the annual Achievement Award of the Society of Women Engineers.

In addition, Dr. Rogers was singled out to receive the Woman of Achievement Award of the California State Business and Professional Women in 1966 and the Engineering Merit Award of the Institute for the Advancement of Engineering in 1969.

Looking back on a period that covers more than 30 years of association with the work effort at China Lake "it's easy to think of the good old days," she observed, "but we have some good new days now."

### "Giants of Past" Recalled

There have been some "giants" here in the past, she stated, referring to the like of Dr. Charles C. Lauritsen, (head of the Cal Tech rocket program), Dr. L. T. E. Thompson, and Dr. William B. McLean. "On the other hand," she added, "we have some awfully good people now, and I think it is currently a much more normal community."

Better living conditions make for improved quality of work, Dr. Rogers said, as she recalled the housing difficulties that families had to undergo in the early days of NOTS. "There was a togetherness about being jammed in, but it's nice to have more space now," she commented in regard to the exodus of Centerites from China Lake to their own homes in the Ridgecrest area and other parts of the Indian Wells Valley.

Of her own family of five children, one son, Terry, and a daughter, Alison, still live here and work on the Center. She also has three other sons — Sandy, who lives and works in Washington, D.C.; Charles, who is a deputy district attorney in San Diego County; and Robert, who has a Ph.D. and is an instructor in computer science at New Mexico State University in Las Cruces.

Dr. Rogers has made outstanding contributions both by her work on the Center and by her dedicated service to the community through her church, the PTA, and in 4-H Club programs. There is no way to spell out exactly how she will be missed by her co-workers, but missed she will be by all those who came to know her skill and enthusiasm in her work, her bubbling personality, and the sense of humor she so readily displayed.

## Community invited to join Hebrews in Seder celebration

The community has again been invited to join the Hebrew Congregation of the All Faith Chapel in celebrating Seder on the evening of Tuesday, April 1, at 6 p.m.

Reservations to attend the dinner and ceremony must be made no later than Sunday, March 16, by telephoning 446-3939 at any time or 375-1484 after 5:30 p.m.

A roast chicken dinner and wine will be served to adults for a donation of \$5 per adult and \$2.50 for young people from 4 to 12 years of age.

Seder is the traditional time for Jewish people to rededicate their efforts to work for the freedom of all people as they celebrate the eight days of Passover when the enslaved Jews escaped the tyranny of the Egyptians.

The first Seder this year was held last night. Traditionally the first Seder is conducted by members of the Hebrew Congregation in their own homes. The second Seder will be conducted by student Rabbi Dan Bridge, and the community is invited to join with the Hebrew Congregation in the east Wing of the Chapel to celebrate this Seder with its traditional foods and ceremonies.

Military personnel and their families are invited to attend as guests, but are also asked to make their reservations early.

## Motorists reminded to follow traffic flow in parking lots

Some motorists on the Naval Weapons Center have been observed pulling into or exiting from a parking space against the flow of traffic.

This creates a traffic hazard at times, and some near misses have been reported — particularly in the Michelson Laboratory parking lots.

Drivers are cautioned to follow arrows and / or the flow of traffic that was designed for the area in which their vehicle is parked. They also should be on the lookout for wrong-way drivers.

China Lake Police Division officers have been alerted to check parking areas from time to time, and tickets will be issued to wrong-way drivers.

All Centerites are asked to discuss this problem with others who drive and alert them to the hazards mentioned above in order to reduce the number of vehicle mishaps in parking lots at NWC.

## New instruction out on radio transmitting decals for vehicles

A change has been made in the NWC Instruction (No. 2093.1) which covers the proper display of decals that are issued to those who own vehicles equipped with radio transmitting equipment.

Although the NWC Instruction has been changed, the 1980 radio decal currently affixed to the front bumper of vehicles will continue to be valid for the remainder of this year.

As new NWC radio permits are applied for and granted this year, a new decal will be issued that will be good for the balance of 1980.

For the remainder of this year, either decal will be valid and meet the requirements of the NWC Instruction pertaining to bringing FCC licensed radio transmitting equipment on board the Center.

## Commissary patrons save

Commissary Store shoppers save more than 20 percent compared to prices in the civilian market, according to recent surveys.

Although figures vary from location to location, Commissary shoppers save 31.4 percent on produce, 23.3 percent on meats, and 20 percent on other grocery items.



**ON LOAN FROM CANADA** — A trailer containing a high resolution interferometer that is being used to make infrared measurements of aircraft and missiles in flight, as well as for static tests on the Aircraft Survivability Range was flown here recently from Plattsburg, N.Y. Transportation was provided by the Air National Guard's 146th Tactical Airlift Wing operating out of Van Nuys, Calif. The specially-instrumented trailer belongs to the Defense Research Establishment Valcartier (DREV), located near Quebec, Canada, and three employees from DREV are here to help with the tests by operating the equipment. The tests are being done for the Optical Signatures Project Office (Code 39403), headed by Dr. Jon Wunderlich. — Photo by Gerry Boylan

## Air travel options for Centerites reviewed

By Dr. R. E. Kistler, Head  
Office of Finance & Management

In view of recent publicity given to some potential reductions in Golden West Airlines service between Inyokern and Los Angeles, Center management considers it timely to review the air travel options that now exist and to provide comment on the likely future availability of air travel services between the Naval Weapons Center and Los Angeles International Airport.

The Indian Wells Valley area is served by two commercial airlines, Golden West and C&M Airlines. Both are fully certified air carriers, operating on set schedules, and adhering to all safety and performance requirements established by the appropriate governmental agencies.

Golden West operates a fleet of twin engine 18-passenger De Havilland Twin Otter aircraft; C&M's aircraft fleet is made up of twin engine Cessna-402s with a capacity of eight passengers, plus single engine Cessna-172s that can carry three passengers. Most of the C&M flying between Inyokern and Los Angeles is carried out in the Cessna-402s.

In accordance with the Joint Travel Regulations, the Personnel Support Detachment (PSD), a tenant activity that handles travel ticketing and reservations for the Center, and the SATO airlines traffic office that also is a tenant here must take advantage of the lowest fares available in securing travel accommodations, except where such arrangements would create hardship or inconvenience to the traveler.

### Joint Fares Arrangement

Golden West currently has joint fares arrangements with the major airlines. Because of this, the cost to the government of a Golden West ticket to Los Angeles, when it is a connecting flight that will link up with, for example, a transcontinental flight, averages only about \$11. This is less than the C&M one-way ticket price which is currently \$39. Because of this, Joint Travel Regulations require that Golden West's capacity be filled up before turning to C&M for connecting flight arrangements.

When Golden West is not serving as a connecting flight and the destination is Los Angeles its fare is also \$39.

The Joint Travel Regulations also specify turnaround times; for example, it is assumed that the time interval between arrival of a TWA flight and departure of a connecting Golden West flight needs to be only 35 minutes in order to make the connection. Most travelers familiar with the Los Angeles Airport would agree that this is unrealistic; however, the rules do read that

way and the PSD personnel securing the tickets don't have a choice.

The approach adopted jointly by NWC, Golden West, and C&M in trying to accommodate to the travelers' needs and at the same time abide by the regulations has been one of ad hoc cooperation; that is, effort is made to ensure that the traveler is aware of both options for air transport, and the two carriers cooperate in trying to ensure that if the traveler misses a flight on one airline he is quickly directed to the other.

It might be noted that the Center understands C&M airlines is presently pursuing joint fares arrangements on its own. Should this come about, then the air fares charged by both airlines will be the same under all circumstances; the choice of airline will then be at the traveler's option in accordance with his schedule and preference.

### Armitage Field Use Studied

NWC travelers may be interested in knowing that the Center is currently pursuing arrangements intended to authorize use of Armitage Airfield as an alternate landing field for both commercial airlines in situations where weather and visibility conditions preclude the use of the Inyokern Airport. If this can be accomplished, it should reduce the number of flight cancellations associated with bad weather and the lack of radar at the Inyokern Airport.

It is worth noting, however, that although one frequently hears of flight cancellations these must be regarded as the one incident that gets remembered while 100 others are forgotten, since actual statistical data for both airlines shows a very high reliability record with very few flight cancellations.

In recent discussions with Center representatives, Golden West Airlines has, as has been reported in the local news media, expressed an intent to cancel a number of its flights. These are flights scheduled at times when an average of only three or four passengers can be expected. They are unprofitable to Golden West with the relatively large Twin Otter aircraft, but can be profitably accommodated by C&M Airlines with its smaller Cessna-402 aircraft that are substantially less costly to operate.

Golden West does not at this time plan to retire from the Inyokern-Los Angeles route. Currently Golden West expects to continue to carry out most of its schedule. C&M Airlines has assured the Center that it is in a position presently to absorb the additional passenger load made available by the Golden West retrenchment, and no problems to travelers seeking air ac-

## Home away from home provided by NWC Liaison Office in Washington

The Naval Weapons Center Liaison Office, located in the Jefferson Plaza complex in Washington, D.C., provides a home away from home for local official travelers (and their dependents, too, if family members have joined the official traveler at their own expense).

Isabelle McLaughlin, the administrative assistant who has a vast knowledge of the ins-and-outs of the Washington area, will help any traveler from the first planning stages of an official trip until the trip is complete.

She will make hotel or motel reservations not only in the Washington area, but also any place on the east coast. She will also make airline reservations, rental car reservations, provide Department of Defense bus passes, and help with other transportation needs.

Ms. McLaughlin can also make appointments (both for the traveler who is just planning a trip and for the one already in Washington).

Her office serves as an extension of the local visitors' office at NWC. Desk space is available, as is classified material storage space. A telecopier at hand makes it

possible to receive and send telecopier messages. And Ms. McLaughlin will provide mailing services to aid the harassed visitor as well.

Handy to know for those times when a hurried visit or an administrative slip-up means that the proper security clearance has not reached the Washington area to cover a traveler, Ms. McLaughlin keeps a file of security clearances and can make the appropriate calls to proper offices to ensure that visitors from NWC can attend their meetings for which clearances are required.

### Contact Point for Travelers

Ms. McLaughlin also serves as a contact point for NWC travelers through which their offices or their families can reach them in emergencies. All those journeying to Washington are asked to check in with her when they arrive.

NWC personnel, not just those who are in Washington as visitors, can also call the Liaison Office and ask Ms. McLaughlin to obtain copies of instructions, specifications, publications, reports, official telephone directories, and copies of Congressional hearings.

And for those whose travels will take them out of the country, Ms. McLaughlin also aids in getting passports.

But the Washington traveler doesn't spend 24 hours a day in meetings. Ms. McLaughlin has information on restaurants, general tourist information, and suggestions on places to visit. She can also arrange for tours of Congress, the White House, State Department, or other places of interest to travelers.

### Other Assistance Offered

And for those whose expenses have run unexpectedly high, she can vouch for personal checks so that visitors can cash them to pay for their needs.

Ms. McLaughlin has been serving in the Liaison Office since 1959, but she says that new — and different — requests for services to meet the needs of travelers still arise regularly.

"If you are planning to come to Washington, are in Washington, or have a need for something from Washington, or think that I can help you in any way," she says, "please call me."

Ms. McLaughlin and her counterpart from the Pacific Missile Test Center share an office that is open from 7:30 a.m. until 4:30 p.m. Washington time, and have an after-hours answering service so they can be reached to meet emergency needs.

Autovon numbers for the NWC Liaison Office are 222-7626, 222-7123, and 222-7065.



**JOYOUS OCCASION** — LCdr. Charles E. Giger beams as his wife Barbara and Capt. W. B. Haff, NWC Commander, pin the insignia of his new rank on following a promotion ceremony held recently. LCdr. Giger, the Conventional Weapons Officer in the Ordnance Systems Department, has been on the Center since last July and in the Navy for 12 years. He holds a B.S. degree in business from Western Illinois University. Currently rated as a bombardier-navigator, LCdr. Giger will be leaving the Center shortly for transition into pilot training at Pensacola, Fla.