

A VARIED musical menu was dished up at the Desert Community Orchestra "Pop" Concert staged Saturday night on the lanai at the Commissioned Officers' Mess. The program ranged from familiar numbers, such as the themes from "Love Story" and "Intermezzo" played by the orchestra's string section and directed by Charles Wood (above) to several well-known iazz tunes served up by Ken Robinson's Dixieland Band. The program also included a piano solo by Stephen Bergens, a string quartet playing music by Franz Schubert, and was topped off by a number of lively tunes rendered by a five-man German

ROCKETEER

## PROMOTIONAL OPPORTUNITIES

(Continued from Page 2)

Mechanical Engineering Technician, GS-802-8, PD No. 7140101, Code 4091-This position Department, Electro-Optical Division, Missile Development Branch I. Duties will include 6930044, Code 355-This position is that of lesign, fabrication, testing and modification of electro-mechanical gyro guidance systems. The work will consist of assembly of gyro Department. The purpose of this position is to bearings, gimbal wiring, simple and complex linkages, and the design and fabrication of budgets, reporting, and a variety of Requirements: Applicant should have a Qualification Requirements: As outlined in minimum of 2 years precision machine shop CSC Handbook X-118. Job Relevant Criteria: an inch, along with metallurgy and their cooperation. Must be able to ascertain mechanical drawing. Some knowledge of and understand the policies of the Department, electrical wiring is desired. Advancement Center, Department of Defense, etc., and Potential: May advance to GS-10

Physicist, GS-1310-12, PD No. 7140102, Code Physicist, GS-1310-9 or 11, PD No. 7135156, 1082—This position is located in the Optics Code 3533—The Optics Branch responsibilities Technology Branch, Optical Sciences Division include the operation of the Joshua Ridge of the Weapons Development Department. The Electro-Optical Facility, the evaluation of Branch functions are exploratory and ad- electro-optical sensors, and the collection of optics including infrared technology. The include devising project test procedures, in Manager (Logistics) (APM(L)) in NAVAIR responsibilities of this position are to plan, stallation and alignment of various optical Code 4104. Will either have a formally initiate and accomplish research and components, the conduct of specified optical recognized position on project team or provide development programs in this field. Both in- test, and data analysis. Components include services as required. In either case will be house and contractual efforts are utilized to lenses, mirrors, lasers, telescopes, spec-responsive to needs of project and responsible accomplish specific developments. troradiometers and other complete electro-Qualification Requirements: In accordance optical systems. Minimum Qualifications Office. Assists Program Managers in writing

No. 7040017, Code 4009—This position is located Placement Criteria: Thorough knowledge of quantitative and qualitative support system Requirements: Bachelor of Science degree in Development Department. The function of the of optics; a very good knowledge of staff is to implement the Mark III mathematics and physics; and the use of making trade-off decisions during the design will assist senior staff personnel in analytical recording devices gained through experience, investigations by performing programming education or a combination thereof. Ad-Qualification Requirements: As outlined in CSC Handbook X-118. Job Relevant Criteria: Bldg. 34. Rm. 206. Phone 2577. Key punch and IBM 1620 computer operation

Math Aid, GS-1521-4, (Part Time) PD No. mathematical computations in support of Qualification Requirements: High school Lake, Calif.

neatness in transcribing data are essential and in accordance with CSC Handbook X-118. Advancement Potential: May advance to GS-5. File applications for above with June Chipp,

Administrative Assistant, GS-341-6, PD No. Administrative Assistant for the Countermeasures Division, Electronic Systems bal systems which involves precision assist the Division Head and Division permall component parts. Qualification miscellaneous administrative duties. Must be able to work with people and to gain

Mathematics Technician, GS-1521, 5 or 6, PD 118. Job Relevant Criteria and-or Selective n the Consultant Staff of the Weapons standard practices, principles, and techniques requirements are included in appropriate and data assessment services as required. vancement Potential: May advance to GS-11. prescribed milestones. Minimum File applications with Sue Prasolowicz, Qualifications: Bachelor's Degree in Science

The Naval Weapons Center, China Lake, with at least 1 year in progressively more ability. Advancement Potential: May advance Calif., announces a Competitive Promotion Examination 20 September 1971 for Refrigeration & Air Conditioning Mechanic, 7140103, Code 4055—This position is that of General Foreman, WS-53006-13 Annc. No. math aid for the Weapons Analysis Branch, NWC-14'(71). Applicants must file Standard through operational use is required. Ex-Weapons Development Department. Performs Form 172 (supplemental experience or perience in the performance of reliability and qualification statement) and supplemental analysis being conducted by professional wage grade supervisory information sheet highly desirable. nember of the Branch. Also prepares graphs with the Special Examiner, Code 652, China File applications for above with Joan and tables and operates card punch equip. Lake, California to be received or postmarked MacIntosh, Code 657, Rm. 212, Ext. 2371. ment. Detailed instructions on format and by 4 October 1971. Forms may be obtained procedure are provided. Minimum from the Personnel Bldg., Room 100, China No. 740049, Code 4014—This position is located

examination 20 September 1971 for Electrician, General Foreman, WS-28005-13 Anno. No. NWC-16 (71). Applicants must file Stan-Bldg. 34, Rm. 206, Phone 2676. dard Form 172 (supplemental experience or qualification statement) and supplemental wage grade supervisory information sheet with the Special Examiner, Code 652, China Lake, Calif., to be received or postmarked by 4 October, 1971. Forms may be obtained from the Personnel Bldg., Room 100, China Lake,

> The Naval Weapons Center, China Lake Calif., announces a competitive promotion refrigeration & Air Conditioning Mechanic Foreman, WS-53006-10 Annc. No. NWC-17 (71) 4155AB, Standard Form 172, and supplemental wage grade supervisory information sheet with the Special Examiner, Code 652, China Lake, Calif. to be received or postmarked by 4 October 1971. Forms may be obtained from the Personnel Bldg., Room 100, China Lake, Calif.

Program Manager, GS-340-12, PD No. 7155075, Code 5503-Incumbent will be the to the ILS Coordinator in the Chief Engineer's Requirements: As defined in CSC Handbook X- an ILS Plan tailored to requirements of the particular development program. Assures that project and contractual documents. Assists in laboratory testing, measuring and data process. Assures that activities of those project personnel responsible for logistic element inputs are in accordance with or Engineering is required. 3 years experience complicated design of weapon systems, subsystems and components is required. Job Relevant Criteria: Familiarity with weapon development from concept formulation

Office Machine Operator, GS-350-4 or 5, PD 

maintainability calcualtions and trade-offs is



MOVIE RATINGS objective of the ratings is to inform ntent for viewing by their children (G) - ALL AGES ADMITTED

General Audiences (GP) - ALL AGES ADMITTED Parental Guidance Suggeste (R) - RESTRICTED

Under 17 requires accompany-ing Parent or Adult Guardian

"MY FAIR LADY" (170 Min)

Audrey Hepburn, Rex Harrison usical) Bernard Shaw's delightful play about the transformation of a Cockney girl into a princess is told with lilting tunes by Lerher & oewe. Rex is the professor who bets he can pass Audrey off as a Duchess at an Embassy Ball even though she is "a squashed cabbage No Shorts

-MATINEE-

"BRIGHTY OF THE GRAND CANYON" (98 Min) Joseph Cotten

"Squatter's Rights" (7 Min) "Hurdy-Hurdy Hare" (7 Min) -EVENING-"THE OUT-OF-TOWNERS" (98 Min)

lack Lemmon, Sandy Dennis (Comedy) Don't miss the hilarious adrentures of an Ohio couple who fly to New York for his job interview. The trip turns into an endless nightmare of mishaps like lost oggage, mugging, strikes, etc. A wacky

"Daddy Duck" (7 Min)

19-20 Sept. "20,000 LEAGUES UNDER THE SEA" (126 Min)

Kirk Douglas, James Mason (Adventure) The classic tale of Jules Verne about a group of scientists who chance upon the renowned Captain Nemo and his then faradvanced submarine, the great sea battle and fight with a gigantic squid! It's a Disney

classic for young and old, thrilling science-

TUES & WED 21-22 Sept. "VON RICHTHOFEN & BROWN" (101 Min)

John Phillip Law, Don Stroud of the famed Red Baron and his luftwaffe Flying Circus squadron as they try to outfox he valiant British Air Force. Thrilling action in the skies of France! (GP)

THURS& FRI "TWO MULES FOR SISTER SARA" (105

Clint Eastwood, Shirley MacLaine (Adventure) Dressed as a nun, Shirley is rescued by rugged Clint and she cons him into helping the Juaristas capture a French-held garrison down in colorful Mexico. Hard-bitten dialogue and some mature scenes. (GP)

"Gooney's Goofy Landing" (7 Min)



Department. Incumbent performs operation of the blueprint control center and the operation and maintenance of reproduction equipment Minimum Qualification Requirements: GS-4, GS-5 in accordance with CSC handbook X-118. Advancement Potential: GS-5.

the Airborne Optical Devices Branch, Optical Sciences Division, Weapons Development Department. Must have a good knowledge of the fundamental theories and concepts of electronic circuit design, solid state devices, integrated circuits, and control circuits, and a good knowledge of the uses of laboratory testing, measuring, and data recording devices. Minimum Qualification electronic engineering, plus experience, in accordance with CSC Handbook X-118. Advancement Potential: May advance to GS-12 File applications for above with June Chipp, Bldg. 34, Rm 206, Phone 2676.

had been appointed a national director of the Society for Technical Communication was received recently by C. E. Van Hagan, acting head of the Technical Information Department. Primary purpose the society is to advance the theory and practice of the arts and sciences of technical communication. One of 22 Fellows of STC, Van Hagan serves as chairman of National Committee on Chapter Programs. He also was a founding director of the Technical Publishing Society, which was one of the forerun-

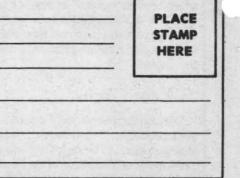
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**DUTIES OF Aircraft Main**tenance Department Officer at the Naval Air Facility have been taken over by Cdr. Robert Good, who arrived here on Sept 1 after being transferred from the Naval Ordnance Systems Command in Washington, D.C. Cdr. Good, an 18 year veteran of service as a Navy officer, served two combat tours in Vietnam as a member of Fighter Squadron 143 based at Miramar, and also was assigned as aircraft handling officer aboard the USS Oriskany. Cdr. Good was accompanied to China Lake by his wife, Nelli, and their two sons, Chuck, 13, and Martin, 9.



HONORED-Word that he ners of STC.





INSIDE ...

Letters for POWs ..... AFS Students Arrive ......3 Co-op Program ..... 4 & 5 Bike Safety Check ......7 "Pop" Concert Staged ......8

# Fellowships Awarded Nine NWC Employees

# Advance Study Slated In Professional Fields

school this fall under Fellowship Richard W. Murphy, Dr. Arnold T. programs, first begun in the early Nielsen, Dr. Merle E. Ross, Dr. '50s. Six employees are to study Robert F. Rowntree and Dr. under NWC Fellowships with three William F. Thielbahr, all of whom men working for Masters Degrees are voting members. Three others under USC Fellowships. Estimated serve as advisory members. They value of the Fellowship awards for are R. Fredric Ladda, Dr. Fletcher 1971-1972 is \$219,079.

The NWC Fellowship recipients Stronge. are James R. Belisle, Edward J. Since the program's inception, 50 Bevan, Gary E. Castor, David H. Hall, Ted Miyatake and Lowell H. under Fellowships. Wilkins. USC Fellowships went to The selectees this year were Matthew. John R. Lorch, James E. McGuire chosen from five NWC Fellowship and Dennis M. Moore.

various academic specialties and Spring semester of school. functional areas of the Center's work. The committee, originally

fairgrounds in Ridgecrest.

Nine men from NWC will attend Hattabaugh, William F. Meggers, R. Phillips and Dr. William J.

PhD degrees have been awarded

applicants, eight NWC Fellowship will also seek an MSEE Degree Selections for Fellowships are extension applicants and five USC made by the Education Committee applicants. They were chosen for for Ordnance Sciences (ECOS), the Fall semester only. There will University of Iowa, awarded in composed of representatives of be further applications for the 1958. He and his wife, Florence,

Activity Hits Fever Pitch In

Preparation for Annual Fair

A fun-filled midway, featuring under the big top and a parade on

AIR MEDAL PRESENTED-Lt. John O. Macidull (at right),

assistant aircraft maintenance officer at the Naval Air Facility, was

the recent recipient of an Air Medal with Bronze Star for his part in

the successful rescue of a downed airman who had bailed out at night

over the Tonkin Gulf off South Vietnam. At that time (last

February), Lt. Macidull was the pilot of a Sea King helicopter and

was serving with Helicopter Squadron 1, home-based at Imperial

Beach. The Air Medal was presented to Lt. Macidull by Capt. R. E.

McCall, commanding officer of the Naval Air Facility. Lt. Macidull

reported here for duty in mid-July.

John R. Lorch-An employee of Dennis M. Moore-A graduate Herbert A. Bulgerin, William R. in 1965. He and his wife, Elizabeth,

Activity is reaching a fever pitch brought here by the SJM Fiesta The deadline for submitting

in preparation for the 21st annual Shows, as well as games and parade entry forms is this

Desert Empire Fair, which will refreshment booths sponsored by Saturday (Sept. 18), Jeanne

open a five-day run at 5 p.m. on local clubs and organizations, will Thornburg, director of this event,

Wednesday, Sept. 29, at the be among the main attractions at reminded all interested persons

rides and carnival attractions the morning of Saturday, Oct. 2. from Mrs. Thornburg at her home,

the celebration, along with exhibits this week.



have two children, Lynnette and

James E. McGuire-McGuire from USC. The Code 5503 employee currently holds a BSEE from the have a son, James and a daughter,

called the Professional Develop- Code 3521, RF Measurement with a BSEE Degree in 1969 from ment Committee, began in July Branch, Lorch will attend USC the University of Nebraska, Moore 1956. It is presently composed of seeking a MSEE Degree. He seeks his MSEE from USC. He is the following members: Dr. currently holds a BSEE from the employed in the Weapons Control Marguerite M. Rogers, chairman; University of Wisconsin, awarded Branch, Code 4053. He and his wife,

Entry forms can be obtained

129 Fire Opal Dr., Ridgecrest, or

from the fair's headquarters office

in the Decorator Showcase, 205

No fee is charged for entering

this event, and trophies and rib-

bons await the winners and run-

ners-up in any of the numerous

categories of parade competition.

Theme of the 1971 parade is

A number of other special events

are planned for each evening that

the fair is in progress, beginning

with the Little Miss Desert Empire

Fair Pageant which is scheduled

between 6:30 and 7:30 p.m. on Sept.

As a prelude to this activity, a

Pepsi party open to all entrants in

the junior queen pageant will be

held at 6:30 p.m. on Monday, Sept.

27, at the Knights of Columbus

During the coming week, those

planning to submit entries in the

handcraft, domestic and fine arts

competition at the Desert Empire

Fair must turn them in at the

meeting hall in the equestrian area

on the east side of the fairgrounds.

will be accepted on Wednesday,

Sept. 22, between 6 and 10 p.m.

(Continued on Page 7)

All entries, except food items,

Hall, 700 W. Ridgecrest Blvd.

Balsam St., Ridgecrest.

"Desert Beautiful."





Ed Bevan



Jim Belisle



Lowell Wilkins



Ted Miyatake

Par The Headstellers of the the

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Fever Pitch. .

(Continued from Page 1)

Foodstuffs intended for entry in the

fair's domestic arts competition

will be accepted on Saturday, Sept.

The Desert Empire Fair will be

open from 5 to 10 p.m. on its first

two days, Wednesday and Thur-

sday, Sept. 29-30. A western dress

contest and the first round of a

horseshoe tournament will take

place on the opening night, along

with the Little Miss Desert Empire

The fairgrounds will be open

Fair Pageant.

25, between 10 a.m. and 2 p.m.

SINGULAR HONOR-Dr. E. R. Zumwalt (second from right) was the recipient this past Saturday of a pin denoting 50 years of active membership in the Masonic Lodge. The presentation was made by James Fourr, inspector of the 502nd Masonic District from Boron, and was witnessed by Kenneth Sappington (at left) junior warden, and Don Wittenbrink, master of Indian Wells Valley Masonic Lodge No. 691. Dr. Zumwalt, industrial medical officer at NWC, joined the Masonic Lodge on March 2, 1920, when he was initiated as a member of Olive Branch Lodge No. 269 in Tulare, Calif.

#### **Jewish Congregation Plans** Celebration of Rosh Hashana

celebrated on Sunday evening and Union College in Los Angeles. Monday morning in the East Wing of the All Faith Chapel at China

The Sunday evening service will begin at 8 o'clock, and on Monday The Rosh Hashana services will Jerusalem

Jewish New Year's services be conducted by Michael Russ, a (Rosh Hashana) will be rabbinical student at Hebrew

Russ, who received a Bachelor's degree in psychology from San Fernando Valley State College in 1969, traveled to Israel with his wife in 1970 where he joined the the starting time will be 10 a.m. Hebrew Union College program in

#### Center Library Lists New Books

A complete list of new books is available in the library. Fiction Brown-Addie Pray.

Compton-Burnett-Last and the First. Forsyth-Day of the Jackal. Goldthwaite-The Marble Forest.

Herbert-Dune Messiah. Marchetti-Rope Dance. Popkin-A Death of Innocence. Young-I Swear By Apollo.

Non-Fiction Alinsky-Rules for Radicals. Architectural Record Book of Vacation Houses.

Bird-How to Be A Happily Married Mistress. Drotning-An American

Traveler's Guide to Black History. Dye-Blow-Out at Platform A.

SERVICES

Fuller-The Great Soul Trial. Heyerdahl-Ra Expeditions.

DIVINE

Sunday Worship Service

Sunday School - All Ages

Daily except Saturday

First Friday ONLY

First Saturday ONLY

Saturday

Sunday

Sunday Evening Bible Study

esday Teenage Bible Study

opposite the Center Restaurant.
ROMAN CATHOLIC

Annexes 1, 2 & 4 (Dorms 5, 6, 8) located

BLESSED SACRAMENT CHAPEL

CONFESSIONS

CCD CLASSES

7th and 8th grades

6th grades

As announced 9th through 12th grades

Kindergarten through

1700 fulfills Sunday obligation

0800 to 0825

## The Rocketeer

Official Weekly Publication China Lake, California RAdm. W. J. Moran, USN NWC Commander

> H.G. Wilson **Technical Director** Acting Head



Editor Jack C. Lindsev

Associate Editor

PHI D. C. Manderscheid, PH3 Ronald G. Mills PHAN Daniel W. Yeatts Staff Photographers

**News Stories** .... Tuesday, 11:30 a.m. **Photographs** The Rocketeer receives American Forces Press Service material. All are official U.S. Navy photos unless otherwise identified Printed weekly with appropriated funds by a Saturday nmercial firm in compliance with NavExos P-35, revised July 1958. Office at Nimitz and

Note: The Chapel Nursery is located in Chapel Annex 1, Room 4, across from the Center Restaurant, and is open without charge for DEADLINES: children of parents attending Catholic Mass or .. Tuesday, 4:30 p.m. Protestant Worship Services.

> EAST WING - ALL FAITH CHAPEL iday - 1st and 3rd ONLY Sabbath Services Sabbath School UNITARIANS CHAPEL ANNEX 95 .3354, 3355, 2347 Sunday Services

#### PROMOTIONAL **OPPORTUNITIES**

ROCKETEER

ROCKETEER

Applications for positions listed in thi column will be accepted from current NWC mployees and should be filed with th ployment with the Naval Weapons Cente may contact the Employment Division, Cod (SF-171) or Standard Form 172 should b submitted bringing your work history up t last 6 months. The fact that positions ar advertised in this column does not preclud Part of the ranking process of those rated a asically qualified will be a supervisor nployees present and most recent previo pervisor. Selection shall be made withou iscrimination for any nonmerit reason.

The United States Naval Academy requests recruiting assistance for the position: Midshipmen's Social Activities Assistant GS-301-7-9 (One Position)-The cumbent is the Assistant to the Social Director for the Brigade of Midshipmen for all phases of the social program. Counsels midshipmen on personal or social problems or makes appointments with the Director for them in indicated cases. Oversees a housing accommodations service. Performs a variety of support duties. The position is in the Excepted Service (Competitive Status not required) and is located in the Executive Department, Bancroft Hall, U. S. Naval Academy. No closing date on this announcement. Interested applicants should complete SF-171 and submit to the Civilian Personnel Office, U. S. Naval Academy, An

Physical Science Technician, GS-1311-05, PD No. 830057, Code 3032—Incumbent compounds chemical solutions used daily for both black and-white and color processing. He par ticipates in the sensitometric and chemical control of the photographic processes. He trumentation, makes replenisher flow rate justments, and regulates his own solution mixing schedule. Qualification Requirements: 2 years general and 1 year specialized as

File application with Dora Childers, Room 212, Code 657, Phone 2514.

Clerk-Typist, GS-322-3 or 4, PD No. 7012008, Code 121-Duties: Prepares and types letters, papers (including a periodic intelligence ulletin), speeches, memorandums, classified messages, and complex reports. Is required to receive visitors, answer incoming calls and place outgoing and long distance calls when equested. Qualifications: Applicants must meet qualification requirements of CSC andbook X-118. Advancement Potential:

Clerk (Typing) GS-5 Clerk-Typist, GS-322-3, PD No. 675002, Code 753-Duties: This is a trainee position in the Library Division with assignments in different organizational units of the Library. These duties include typing reports requests forms, inter-library loan requests forms and shelving reference books. Incumbent will also search shelves for requested material, mail and reshelve material. Qualifications: Applicants must meet qualification requirements of CSC Handbook X-118. Advancement potential:

Clerk (Typing) GS-5 Voucher Examiner, GS-540-3 or 4, PD No. 817035, Code 1765—This position is located in he Disbursing Branch of Central Staff Department, Performs all functions related to the settlement of travel claims for military and civilian personnel serviced by this Center Minimum Qualifications: GS-3 One year general, GS-4 One year general and one year

File applications for above with Mary Morrison, Bldg. 34, Rm 210, Phone 2032.

Secretary (Typing), GS-318-5 PD No. 755113, secretary for the Chief Engineer's Office. Duties will include composing and reviewing correspondence, setting up and maintaining taining and presenting information and other duties as assigned. Minimum Qualification Requirements: 21/2 years of general experience and 1/2 year of specialized experience. Relevant Criteria: Incumbent must be a qualified typist and have the ability of adequately meeting new situations and getting along well with people.

Secretary (Typing), PD No. 7155059, GS-318-4 or 5, Code 554-Position is that of secretary to Head, Mechanical Division. Responsibilities and duties include receiving visitors and screening teléphone callers. Maintains Division calendar. Receives and reviews incoming correspondence. Prepares various inter-division memos. Provides various statistical and technical material upon request. Performs other administrative duties as assigned. Minimum Qualifications: 2 years for GS-4, 3 years for GS-5 clerical experience, 6 months of which has involved responsibility for serving as the principal personal office assistant to a designated supervisor, and which has included participation in the work of the superivsor through a close and direct working relationship. Job Relevant Criteria: Ability to express self - both orally and in

but not essential. Electronics Technician, GS-856-12, PD No. 7155072, Code 5568—Provides Fleet service and logistics support to air-to-surface guided

writing. Experience in dealing with in-

dividuals with diverse interests and oc-

cupational backgrounds. Demonstrated typing

ability. Ability to take Shorthand is desirable

14534 Nordhoff Street, Panorama City, Ca. 91402 Dear Members of Congress: As our troops withdraw from Vietnam, and all America looks forward to the end of this tragic war, the plight of our

Concern For Prisoners of War, Inc. -

We must never again repeat the tragedy of not demanding a full accounting of our men prior to the cessation of hostil-ities as we did in North Korea. To this day, our government is still attempting to get information on the 389 men whom they had evidence were prisoners from that conflict. For 18

This time we must have a full accounting, via a neutral inspection team, such as the International Red Cross, to determine which men are prisoners. In the event of death the next of kin must receive full official information on Regardless of any personal views on the morality or purpose of the war in Southeast Asia, no American of good conscience

Hopefully this long war will soon be over, so we must act immediately if we are to ensure the safe return of all our Prisoners of War.

PLEASE RETURN SIGNED LETTERS TO CONCERN FOR PRISONERS OF WAR, INC., PRIOR TO SEPTEMBER 20, 1971. DELIVERY TO CONGRESS IS GUIDDANTED.

# **Support of Letter-Writing** Campaign To Aid POWs Urged

suring the safe return of all U.S. servicemen who are prisoners of pressed this week by Dick Mello, chairman of the local chapter of

civilian and military personnel at in Washington.

A plea for China Lake residents the Naval Weapons Center join him to add their support to a letter- and others in sending a copy of the writing campaign aimed at in- accompanying letter to Congress.

Lt. Robert Frishman, of San Diego, who is an ex-POW and war in Southeast Asia was ex- serves as president of Concern for Prisoners of War, Inc., will be heading for the nation's capital Concern for Prisoners of War, Inc. shortly after Sept. 20 to personally Mello has asked that both deliver all letters to Congressmer

be able to trouble-shoot systems, isolate and on-the-spot if necessary. Develop training programs and provide training to squadrons and NAVTRADETS as required. Provides direct link between Program Management and Fleet in solution of Fleet problems in avionics area. Minimum Qualifications: 2 years general plus 4 years specialized experience. 1 year experience must have been equivalent to GS-11 level. Job Relevant Criteria: Must be well versed in SHRIKE system including SIDS, CP741 and TIAS. Must have broad experience with aircraft fire control and weapons systems and the weapons with which they are used.

MacIntosh, Code 657, ext. 2371. Engineering Technician, GS-802-08, PD No. 7145080, Code 4570-This position is located in the Quickturn Project Office of the Propulsion Systems Division, Propulsion Development Department. The incumbent takes preliminary design information from the project engineer, makes design drawings and the technical skills to work out mechanical portions of experimental setups and the necessary associated equipment. Upon incumbent will assist in planning and advance copies of inspection reports, invoices scheduling of test effort for satisfaction of program requirements and schedules. section and material inspection section to Minimum Qualification Requirements: Two check and inspect incoming material. Will be specialized experience as defined in CSC matching to appropriate document and Handbook X-118. Job Relevant Criteria: In-moving for delivery and payment, Minimum cumbent must have an AA degree or

assembling experimental ordance equipment No. 7145079, Part Time 4 hours per day—This desirable. Accuracy is a necessity. position is located in the Propulsion duties for the branch. Job Relevant Criteria: No. 7140100, Code 40043-This position is Must be a qualified typist. Qualification located in the BULLDOG Program Office of Requirements: As defined in CSC Handbook X. the Weapons Development Department. Th

4553—This position is located in the Facilities the BULLDOG Missile and Avionics Sub Installs, repairs, and maintains various power systems oriented with experience in the cordance with CSC Handbook X-118C. Job checks out all subsystems to assure com neyman electrician desired. Advancement systems. Minimum Qualification

File applications for above with Linda

Grossman, Rm. 204, Bldg. 34, Phone 2925. Engineering Technician, GS-802-9, 10 or 11, located in the Applied Combustion Research Branch, Aerothermochemistry Division Research Department. Duties include setting up and conducting experiments and tests or various kinds of combustion research standard and must be developed to fit the requirements of the individual experiment operation of the high pressure air facility use in many combustion experiments, design and repair of equipment, Minimum Qualification Requirements: Two years of general ex perience plus four years of specialized ex perience directly applicable to this position Job Relevant Criteria: Experience in handling cluding experimental propellants, igniters pyrotechnics, etc. Ability to use machine tools, circuits, testing apparatus, data recorders etc. Experience in the operation of high Potential: GS-11

Supply Clerk, GS-2005-3 or 4, Code 2575, PD No. 7125026-3-As Receipt Processing Clerk, and requisitions for use by the receiving Qualification Requirements: One year of equivalent. Experience in designing and general clerical experience plus one year of specialized experience in supply or a directly Clerk-Typist, GS-322-3 or 4, Code 4544, PD understanding of Supply document flow is

incumbent's responsibilities include the Electrician WG-28005-10, JD No. 180, Code design, analysis, evaluation and integration of Branch, Engineering Division, Propulsion systems. This includes control actuators and Development Department. Incumbent per- electronics, seeker and guidance electronics, forms journeyman electrician duties in fuze warhead and propulsion systems, missile various explosive processing laboratories. related avionics and aircraft wiring. Must be and control systems. Minimum Qualification solution of engineering problems involving Requirements: Rating will be on the basis of missile guidance and control, avionics and the appropriate J-Elements Standard in ac- systems integration. Incumbent tests and Relevant Criteria: Experience as a jour. patibility with the missile and avionics Potential: Can advance to Electrician (Test Requirements: In accordance with CSC Handbook X-118. Advancement Potential

(Continued on Page 8)



CONGRATULATIONS IN ORDER—Patent awards were presented this week to two employes in the Systems Development Department by F. A. Chenault (at right), department head. The recipients were Lyman F. Van Buskirk (at left), a mechanical engineer in Code 3043, who received a patent for developing a holographic magnifier, and Ernest T. Long, a mechanical engineer in Code 3045, whose patent covers a new method for fitting and installing microwave guides.

# **Bike Riding Skill Tests** To Be Held on Saturday

Week, an annual program carried out locally by the Ridgecrest-China Lake Optimist Club, riding skill tests will be held on Saturday from 9 a.m. to noon for youngsters in the second through sixth grades.

The bike riding tests will be conducted at the James Monroe and Las Flores Schools in Ridgecrest, at the Invokern Elementary School, and at Murray, Pierce and Vieweg Schools, China Lake.

Personnel from the Naval Weapons Center Police Division will be on hand Saturday morning at the three China Lake Elementary Schools to handle the annual licensing of bicycles at the same time that the riding skill tests are being offered.

As an assist to the Optimist Club-

25 Years Ago ...

15 Years Ago ...

5 Years Ago ...

about oceanography.

the Center.

A Look Into The Past

Night school classes began for the first time at Burroughs High

School . . . Dr. N. A. Renzetti, chairman of the Educational Com-

mittee on the Station, proposed college level classes through UCLA

extension . . . Plans were approved for Public Works to construct a

roller rink in the space back of the Center Theater . . . Bobby Koch-

man had quite a week: he pitched a no-hit game, was selected for the

Carol Chatterton was honored by Brig. Gen. J. S. Holtoner, Ed-

wards AFB Commander, for her work in water safety . . . The

California DFG praised NOTS for the work done in helping the

department with game control . . . Burroughs added 10 new teachers

which brought the staff to 39 . . . Fire was still a major concern in

1956. The ROCKETEER ran a lengthy article on smoking and the

hazards it creates . . . Front page photo showed F. A. Chenault (then

a captain and Executive Officer of the Station) during his first tour at

Community passes were revised and reissued by the Security

Department . . . A three-axis laser was received at NOTS for

development... The Hatch Act was explained in The ROCKETEER

... A program was begun at the Pasadena Annex to teach youngsters

all-star team, and his team finished first in the softball league.

on Tuesday, Wednesday and Thursday.

The trailer was especially equipped to check bicycle brakes as well as wheel alignment.

### Student Insurance Coverage Offered

cident insurance policy are being sent home today with all China Lake Elementary School District

The cost per child for a year's coverage, including summer school, is \$3.75 for a policy that provides benefits up to \$10,000 for each accident, as well as a \$1,500 accidental death benefit.

Students are covered while at sponsored Bicycle Safety Week school and during the time they are a demonstration of their talent. program, a bicycle safety trailer, traveling to and from school. The sent here by the Automobile Club new coverage will begin on Oct. 1.

From The Rocketeer Files

#### from 2:30 to 4:30 p.m. on Thursday, Sept. 30, which has been designated "Handicapped Children's Day." During this time, various carnival rides and other midway attractions will be operated free of charge for

physically and mentally handicapped youngsters of the local Special events on tap during the evening of Sept. 30 will include a pet contest from 6:30 to 7:30 p.m.

horseshoe tournament. A Pinewood Derby, Whiskerino contest and teenage dance are scheduled at the fairgrounds on the night of Friday, Oct. 1, when the gates will open at 5 p.m. and remain open until midnight.

and the second round of the

Biggest day of the annual fair will be Saturday, Oct. 2, which will get under way with the annual As a climax to Bicycle Safety of Southern California, has been Lions Club pancake breakfast, making the rounds of local schools served from 6 to 11 a.m. in the Midway Shopping Area parking lot, and be followed by the Desert Empire Fair parade.

After the parade, trophies and ribbons will be awarded to winners during ceremonies that will take place between 1 and 2 p.m. in the equestrian area of the fairgrounds.

Also an added attraction on this Applications for a student ac- day will be a swap meet that is to be in operation from noon to 6 p.m. in the vicinity of the fence along the western boundary of the fair-

Turtle races are on tap from 2 to 4 p.m. on Saturday, Oct. 2, and that evening the final competition in the Pinewood Derby will be staged from 6:30 to 8 p.m., after which members of the Desert Dancers. local folk dance group, will present

Final events of the five-day celebration will include a horse show starting at 8 a.m. Sunday in the equestrian area of the fairgrounds, followed at noon by the second session of the swap meet. A demonstration of square dancing from 7 to 9 p.m. by the Cactus Squares and the awarding of numerous prizes on Sunday evening will ring down the curtain on the 21st annual Desert Empire Fair, which will close officially at midnight on Oct. 3.

## Navy Exchange **Annex Closed** For Stocking

The Navy Exchange Annex will be closed from Wednesday through Saturday of next week (Sept. 22-25) morning and during the noon hour direct traffic at Halsey and in order to give employees time to stock the shelves in preparation for left from Halsey onto Sandquist will control traffic at Bullard. the opening of Toyland.

The Navy Exchange Annex will re-open at 10 a.m. on Monday, Sept. 27.

Even though the Annex is to be closed during this time, the day. package store will continue in operation.

# **Employee In** the Spotlight

"Zip" is really a description. That's Clarence W. Mettenburg's nickname. The Code 3013 Branch Head has been zipping along at a rapid pace for quite some time now. He first came to China Lake as a summer employee while a student at the School of Mines and Metallurgy, University of Missouri, and after receiving his MS in Physics in February 1958 joined Code 3063 full time.

In October 1958 he joined the Terrier Branch, Code 3013, where he worked in the Analysis Section under "Red" Lattig. Since then he's been involved with Tartar, Standard Missile, advance surface weapon concepts, advanced air-launch weapon concepts (one of which was AGILE) and since 1965 has been Head of the Program

Management Branch. The Houghton, Iowa, native was educated at St. John's High School, in Houghton, and then at St. Ambrose College, Davenport, Iowa, where he received

his BA in Physics in 1956. In addition to receiving many commendations (including one from OPTEVFOR) for his work, he has been honored in other ways. He has published an article on "Long Sensitive Time Wilson Cloud Chamber" in the American Physics Society publication and been asked to deliver several papers over the years at work-related sym-

posiums. Clarence and his wife, Mary Frances, have added a lot of zip to their family life as well. The couple have eight children: Ann, Debbie, Jane, Laurie, John, Virginia, Mary Beth and Katie. He met Mary Frances at a Catholic Youth Organization picnic at Ft. Madison, Iowa, when she was a senior in high school. They were married in

The family owns a burro, Joshua, the official mascot of the Desert Empire Fair. The four oldest girls are extremely interested in riding and spend '... a lot of time working for essons at the Bottom Acre Stables," Zip said. "We enjoy picnics together and the kids have their separate hobbies," he said. "Ann collects stamps, oldest do a lot of sewing, Laurie is involved in Girl Scouts, John builds models, and so on," the cheerful father tabulated.



Clarence "Zip" Mettenburg

Zip has put a lot of himself back into the community. "We love it here," he said. "This is a great place to work, live and grow. So I want to help." He

Zip became involved in the Desert Empire Fair in 1966 when he was the Knights of Columbus' representative to the Advisory Council of Clubs. He was elected to the board of directors in 1968 and became the president that same year. He is still the president of the

Since coming to office, Zip picked up the plans made by Velma Pickrell and moved to a permanent fairgrounds. In three years time 2,700 ft. of sixinch water line has been installed, a \$7,000 fence has been erected, several thousand feet of underground electrical power lines have been put in, nine buildings have been constructed, the rodeo arena was lighted and the fair has

operated at a profit. "We are now pushing to have a permanent exhibit building erected to replace the big top. In addition we're planning more restrooms, a picnic area, and additional concession buildings.

"We have raised \$10,000 toward the fund to build a permanent exhibition hall, and hope to bring in a large enough profit from this year's fair to break ground immediately afterward," he explained.

The affable community leader was a member of St. Ann's parish board for two years and is a past president Flying Club. In addition he is a past Grand Knight and currently a trustee in the Knights of Columbus.

#### **New Traffic Control Plan Outlined**

Monday, Sept. 20.

In order to reduce the traffic Rd. and Bullard, the left lane of

Halsey onto Bullard during those the right.

In an effort to improve the flow hours. Drivers wishing to turn left of traffic at the Naval Weapons prior to the traffic circle must get. Center, the China Lake Police will into the left lane and turn at implement the following traffic Sandquist Rd., and all vehicles in control procedure beginning this left lane must turn left.

Traffic in the right lane will proceed east on Halsey and use the congestion at the main gate in the traffic circle. A police officer will caused by drivers wishing to turn Sandquist and a "no left turn" sign

Right turns will not be effected in traffic approaching the main gate any way. Motorists wishing to turn will become a "left turn only" lane left should attempt to enter the left between 7:15 and 7:45 a.m. and lane prior to reaching the gate, if from 12:15 to 12:45 p.m., each week possible, and motorists wishing to drive through to the traffic circle There will be no left turn from or make a right turn should stay to

nwc rocketeer

**BHS Varsity Preps** 

For Football Season

Burroughs High School varsity Bernhardi, who is aided by George

Friday, September 17, 1971

**Tech Writers** 

Organization

Is Renamed

numerous new members.

and involvement with all aspects of

technical communication. The new

name helps emphasize the broad

range of disciplines of its mem-

bership, which includes editors,

illustrators, film makers, publish-

ers, audio-visual specialists,

writers, and other technical

On the local scene, the Sierra-

Panamint Chapter turned a new

leaf with the election of the

cisco in June. The panel discussion

will be led by Alberta Cox and will

from the viewpoints of writers,

editors, illustrators, presentations

specialists, and managers. An

meeting, it will start at 7 p.m. on

Sept. 23 at the Christman home, 301

Future programs arranged for

by Barbara Auld, program

chairman, include two separate

talks by government leaders in

information topics.

Far Vista, south of Ridgecrest.

communicators.

Huse, treasurer.

#### Max Smith, Curt **Overstreet Lead Semi-Finalists**

Defending club champion Max Smith and Dewing Classic winner Curt Overstreet both won twice last weekend to lead the field into the semi-finals of the China Lake Golf Club championship.

Smith meets Craig Clark, while Overstreet clashes with Alan Clay in the championship semi-finals Saturday, and the winners of those two matches will meet for the championship Sunday.

The semi-finals and finals in the other three flights will also take place this weekend, as an original field of 50 golfers in all four flights was reduced to 16 in last weekend's

Both Smith and Overstreet drew byes in the first round of the championship flight and both parlayed superb starts into victories Sunday in the second round.

Each eagled the par 5 first hole to take quick leads over their opponents, but while Overstreet went on to coast to a 6-and-5 win over Greg Nazaroff, Smith had to for the right to meet King. hustle to defeat tenacious Dick Bauers 1-up.

Clark moved into the semi-finals with a 2-and-1 victory over Joe Jones Sunday, after he had advanced to the second round when Herb Pangle forfeited. Clark parred the third hole to take a lead Jones never managed to close.

Clay drew a bye in the first round and then defeated former champion Marv Rush 5-and-4 in the second round to earn his semi-final

In the President's Flight, Jim Armstrong and Frank St. George will clash in one of the semi-final matches, while Paul King meets Phil Sprankle in the other.

and-3 before edging Al McDonald 2-and-1 to earn his semi-final spot. \$tructor. Sprankle survived a sudden death playoff with Dale Iverson in the at Burroughs High School, will in anticipation of competing in the first round, then beat Sam Harris direct the class which met for the NWC winter basketball league.



SHOWS CHAMPIONSHIP FORM—Ed Donohue, who will go against Wayne Jackson in the First Flight semi-finals tomorrow, hits the ball during last weekend's action. Donohue, who competed in the Third Flight in this event last year, has vastly improved his golf game, as this photo of his easy, relaxed swing points out.

In the First Flight, Wayne Armstrong outlasted Warren Jackson confronts Ed Donohue and Stelzmiller and Leo Maki too on his Ralph Pinto meets Bob Zimmer. way to the semi-finals, while St. Don Rogerson and Charles Presson George took it easy with a first square off in one of the Second round bye Saturday before Flight semi-final matches, while defeating Don Hiles in the second John Bujak and Duane Blue meet in the other.

#### Class for Basketball Players **Scheduled by Desert Campus**

sfield College, prompted by the p.m. at the Burroughs gymnasium. fine showing of last year's informal basketball squad, will offer an organized PE class, PE 4TS: Team sports for men, basketball, for Desert Campus College office. those who want to prepare for King defeated Frank McElfish 4- competitive basketball under the direction of an accredited in-

The Desert Campus of Baker- first time Thursday, Sept. 16, at 7 Persons desiring to register for the course may do so at the second meeting on Sept. 23, or at the

Verl Lillywhite and Rick Pitts, the two line coaches, have seven Coach Dominguez presently veteran linemen among the canhopes for a class of a dozen or so didates they are working with. The basketball enthusiasts able to returnees are Steve Robinson, devote Thursday evenings to the Joe Dominguez, who is a coach study and execution of basketball, Mark Panasci, Mike Vernon-Cole, Jeff Bittel, John Stoessel, Rick McCrumb and Wayne Read.

There are three candidates for

Saturday night, Sept. 25.

Catholic school in Oxnard.

will kick-off the season against the

Fifteen returning lettermen

form the nucleus of the Burros

varsity grid squad, which has more

overall size than any other group

he has directed in the past five

years he has been coaching at

Burroughs High, Bernhardi said.

Eight of the lettermen who are

back for another crack at the

gridiron sport are candidates for

backfield positions which means,

Coach Bernhardi noted, that he

and his assistant coaches will have

to rely on a number of last year's

sophomore gridders to bolster the

football players, 50 strong, will be Ridgley in handling the backfield banging heads during practice for hopefuls and defensive secondary the next week in preparation men, listed them as Mike for the 1971 season opener here on Lillywhite and Ed Paine, both returning lettermen, and Mike Bachman, who is up from last The Burros, under the direction of Bruce Bernhardi, head coach, gridders from Santa Clara High, a

**SPORTS** 

The roster of returning backfield lettermen also includes Mike Huckeba, Jeff Radcliff, Gary Charlon, Jim Kirwin, Sandy Smith and Jim Amparano, who also may

In addition to the season opener against Santa Clara High at 8 p.m. here on Sept. 25, the schedule for Burros varsity eleven also includes a non-league encounter at Shafter on Oct. 1 before the start of Golden League play on Oct. 8 at Kennedy High School in Barstow.

The league slate calls for sophomore games at 5:15 p.m., followed by varsity contests at 8.

In addition to the league season opener on Oct. 8 against Kennedy, the Burroughs High gridders will play home games on Oct. 15 and 22 against Antelope Valley and Apple Valley; travel to Barstow to take on the Riffians Oct. 29, return home on Nov. 5 for games against Quartz Hill, travel to Palmdale on Nov. 12, and wind up the regular the key quarterback spot on the league season at home against Burros offensive eleven. Coach Victor Valley.

#### Truckers Vie in Road-E-O Six men from the Naval Weapons AFB, Marine Corps Air Station 29 Five of the six men sent from Center, three civilians and three Palms and MCSC Barstow. NWC placed in the top three spots

the National Safety Congress at the and sizes. the interest of promoting safe light weight events for the third place in the military light

The three military men, all from classifications for the military NAF, and the three professional drivers. The drivers were required Professional drivers Billy J. drivers from Public Works, to maneuver their vehicles through Martin and Jerry Pryor each competed against drivers from a series of obstacles and were placed second-Martin in the five other military installations: awarded points according to their heavyweight division and Pryor in Edwards AFB, George AFB, Nellis skills.

professional drivers, and the same weight division.

enlisted military men, competed Through six events the men gave of the safety event. AOAN Paul recently in a Truck Road-E-O evidence of their expertise in Hamilton garnered second place in sponsored by the Desert Chapter of handling trucks of various weights the military heavyweight and AN Jim Watkins took first place in the Marine Corps Supply Center, Competition was held in military medium weight events. Barstow. The road-e-o was held in heavyweight, medium weight and A02 Robert Gaines hauled down a

the medium weight division.



ADAN PAUL HAMILTON, A02 Robert Gaines and AN Jim Watkins (left photo, I-r) brought home trophies from the annual Truck Road-E-O held recently at MCSC, Barstow. In the photo at right, Jerry Pryor, Doug Yeager and B. J. Martin (I-r) pose after competing in the professional driver's division. Martin and Pryor each won trophies.

# **Pancake Breakfast Set** By Burros Booster Club

a.m. to noon at the local high school multi-use room.

Ample servings of pancakes and Proceeds from the pancake sausage will be dished up by breakfast will be used to Booster Club members and high support the Burroughs High school coaching staff. The break- athletic programs. One project fast menu also will include orange being discussed, according to juice, coffee or milk.

#### **Women Bowlers** In Top Form As League Opens

The Monday night Women's Scratch League opened with a EM Club Friday bang last week with seven keglers in the 500 figures and four 200 games rolled. Pat Maddux had a Linda Jeffris shot a 203.

two other women were over 500: night" at the Club. Myrl Plante with 519 and Mary All members and their guests Jane Clark, 511.

A traditional prelude to the Donations of \$1 per person will football season at Burroughs High, entitle those attending the breakthe annual pancake breakfast fast to all they can eat, and they sponsored by the Burros Booster also will be eligible to win the door Club, will be held Saturday from 6 prize of a \$300 gift certificate redeemable at any local business place.

> Chuck Newmyer, Booster Club president, is the construction of a press box in front of the bleachers at the Burroughs High athletic

# Dance Stated At

Bob Furey, manager of the EM Club (Jolly Roger), has once again 217 with a 523 series, Doris Boyack booked "The Glass Flame," to pounded out 208 and 552, Mike play for a dance Friday, Sept. 17, Breitengross had 206 and 540 and at the Club, from 9:30 p.m. until

Joyce Paulsen led the three- Furey also announced that game scoring with a 561 series and Monday, Sept. 20, will be "bosses

are invited to both functions.



### Two AFS Students Now **Enrolled at Burroughs** The Indian Wells Valley will be here spends a summer in another home for two foreign exchange country.

students, one from Turkey and the This program is supported by other from Belgium, for the next donations from community organnine months. The youths, Patrick izations, interested citizens, and Melen, 18, from Liege, Belgium, from students in local schools. and Melsa Ararat, 16, a native of Officers of the chapter for 1971-72 Bursa, Turkey, will attend Bur- are Mr. and Mrs. A. L. Robertson, roughs High School under the co-presidents; Mrs. Fred Davis, exchange program sponsored by vice-president; Dr. William Mcthe American Field Service.

The China Lake - Ridgecrest McCammon, secretary. chapter of AFS was founded in 1956 and has been active for the past 15 years. This year, for the first time, there are two students. In addition, 10 local youngsters have been sent overseas in the Americans Abroad Program wherein a student from family makes its home in Liege.

MELSA ARARAT, left, and Patrick Melen, below, will make the Indian Wells Valley their home for the next nine months. They are the AFS foreign exchange students for the 1971-72 school year.



#### Fellowships Awarded Nine. . .

(Continued from Page 1) Carol, have no children.

**NWC Fellowships** James R. Belisle-Bachelor Belisle holds a BSEE Degree from UC Berkeley, awarded in 1960. He will seek a Master of Engineering Administration from the University of Utah. Belisle is employed by Code 5562, Air and Surface Launched Weapon

following officers for the year. A. B. Christman, chairman; Barbara Edward J. Bevan-Bevan, a Auld, vice-chairman; Florence Dinsmore, secretary, and Edith applied mathematics from the The first meeting will feature University of Oregon. He has a BS Assessment Due reports from members who at- in mathematics awarded in 1966 by tended the 18th International UCLA. He and wife, Sue have no Conference of STC at San Fran-

children. Gary E. Castor-A Master of engineering administration from cover reports of the conference the University of Utah is the goal of Assessments normally due from Castor, who currently holds a members of the Government BSME from Arizona State Employees Benefit Association informal dessert-and-coffee ployee and wife, Mary Ann, have were waived this week following

David H. Hall-Employed by Cox. Code 5014, Systems Definition Cox, who was 48 years old, died mathematics from California State in the Facilities Branch of the College, Long Beach. He holds a BS Propulsion Development Dein mathematics (1968) from that partment's Engineering Division. and Fridays, and is closed all day school. He and wife, Therese, have Membership in GEBA and on Thursday.

CHARLES STEELED TO THE TOTAL OF PROTECTION OF THE PARTY O

technical information work, and one by a representative of a major printing organization, a tour of NWC facilities, and programs by local speakers on a full spectrum of He presently holds a BSEE from hours.

the University of Utah, awarded in 1960. Miyatake and his wife, Helen, have two children, Ann Michelle and Douglas.

Lowell H. Wilkins-Wilkins seeks a PhD in Physics from the University of Texas. He received his MS in Physics in 1966 from the University of Idaho and a BS in Physics in 1961 from Brigham Young University. Wilkins, an employee of the Optical Design Branch (Code 4056) and his wife, Code 4055 (Weapons Analysis Lloyda, have six children: Anne, Branch) employee, seeks an MA in Teresa, Rachel, David, Kevin and

# Following Death Of Cox Waived

University. The Code 5563 em- and China Lake Mutual Aid Society the death on Tuesday of Billy W.

Branch, Hall seeks an MA in at his home. He had been employed

a daughter, Julie and a son, Jason. CLMAS is open to all NWC em-

Bride, treasurer, and Mrs. Carl

Avid Reader

Patrick is an avid reader and a sports fan. He first learned of the AFS program through a friend in Belgium who had participated. Born in Racourt, Belgium, his His father, William Melen, is a teacher in secondary school and his mother is a part-time insurance broker. Patrick has two brothers and a sister.

One of the things which impressed him most about this country is the sunshine, not too abundant in Belgium. Later in the school year he intends to take part in tennis and basketball.

"School here is quite different from home," he said. "I like the fact that students here have a freer choice of subjects to take. In my country we attend school until 4:30 or 5 p.m.," he pointed out.

Patrick is living with the Herb Languer family, 654 Trisha Court, in Ridgecrest. Languer is employed by the Stauffer Chemical Co. as manager of the plant at Westend.

Interested in Politics

Melsa, the oldest of three girls, is very interested in politics. She also enjoys music, painting and reading as favorite pastimes. An active girl, she plays classic and jazz guitar, and in her native Turkey participated in Girl Scouts and

Melsa's father is a physician and her mother is a government official. Melsa had to take two different examinations: one on English and one on American culture, and pass interviews from former AFS exchange students before she was selected to come to

"I find it unusual that everyone here uses automobiles to go places. I miss the crowds of people on the streets in my country," she elaborated, "and the friendliness this engendered. However, I'm sure I will enjoy it here," the young girl said.

While in this country Melsa's American "family" will be the Court, in Ridgecrest. Morley is AAUW Slates Carl Morley family, 745 Kevin employed in Code 3534 on the

### Changes Made In Auto Hobby Shop University Women (AAUW) will Operating Hours

A change in hours of operation at Circle, at 11:30 a.m. Saturday. the Auto Hobby Shop was announced this week.

The Auto Hobby Shop is now tead of 1 p.m.) on Wednesdays

p.m.

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PHILLIP D. HARRY, at electronic engineer in the Guidance Evaluation Branch of the NWC Engineering Department, was the recent recipient of a Master's Degree in electrical engineering, with emphasis in computer science. from the University of Southern California. Harry came to China Lake in June, 1967, after being graduated with a BS Degree in electrical engineering from Oregon State University. He was assigned to the Engineering Department after completing the junior professional tour, and entered the USC program in February,



A MASTER'S DEGREE in electrical engineering with emphasis on communications was received from USC during the summer by Robert G. Arnaldo, an electronic engineer in the Airborne Instrumentation Branch of the Electronic Systems Department. Arnaldo, who was graduated with a Bachelor's Degree in engineering from UCLA in 1966, came to China Lake in May, 1967, and moved to his present assignment after completing a junior professional tour.

# Annual Fall **Potluck Lunch**

The American Association of hold its annual fall membership potluck luncheon in the yard of the H. G. Wilson home, 701 Essex

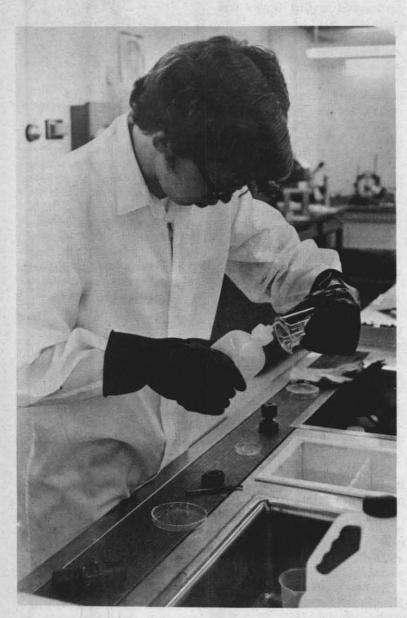
Women graduates of approved four year colleges and universities are invited to attend. The outline of open an hour earlier (at noon ins- the program and projects for the year will be presented.

Interested persons may contact Mrs. Kenneth Wetzel, 446-7225, or Mrs. Paul Amundson, 446-3358, for Tetsuo (Ted) Miyatake- ployees. Persons interested in Monday and Tuesday, 1 to 9 p.m.; additional information. New Miyatake is employed by the Fuze joining can obtain information by Wednesday and Friday, noon to 9 employees, teachers, wives of Project Branch, Code 5035, and contacting Larry Mason, secre- p.m.; Saturday, 9 a.m. to 5 p.m.; military and civilian employees seeks an MSEE from UC Irvine. tary, at 375-2846 after working Sunday and holidays, noon to 5 are encouraged to join the China

# Co-op Work Study Program Students Gain Valuable Experience



JOHN HESTER, of Code 5534, is one of the first two students from Tennessee State University. Hester feels that his job experience has been invaluable and has enabled him to put into practical use many of the methods he has been studying at school where he majors in Electronic Engineering. In this photo he uses a frequency oscillator to check out circuits.



ENGINEERING PHYSICS major George Tremper, of Code 5525, hails from the University of California, Berkeley. Here he does some photoresist processing in conjunction with hybrid circuit work for microwave circuits. Tremper feels that the practical work experience he is receiving is broadening his educational background.

The Naval Weapons Center is College, Long Beach, which is for graduates for entry level positions very active in the area of co- the administrative field. operative work study programs. A The Center's Co-op program is technical fields who have had co-operative work study program considered to have been very previous experience with the provides college level students successful because approximately federal government, and who have with the opportunity to alternate 50 per cent of the co-op students had an opportunity to relate their periods of academic study with who have received assignments at job experience to current periods of study-related or career- the Naval Weapons Center have classroom teachings and to their oriented employment.

Currently the Center has co- here. the University of Washington.

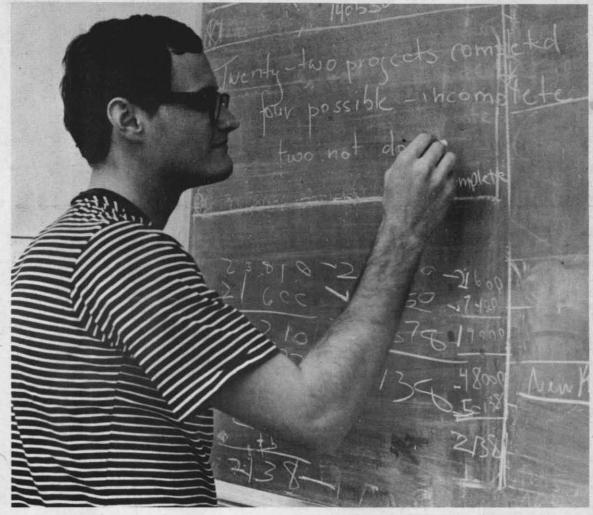
engineering fields (electrical, academic learning experience.

California at Berkeley, California practical work. He has a chance to work. State College at Long Beach, apply what has been learned in the Some of NWC's current co-op University of Oklahoma, New classroom to true work situations. Mexico State University, Ten- With this opportunity, a student companying photographs. Due to nessee A & I State University and can find many areas in his job relocation and a pressing academic discipline which are shortage of time it was not possible The agreements with these unfamiliar to him and provide him to get photographs of Albert Wong colleges and universities are with a natural and practical in- and Alan Woodson, both of Code 30. primarily for students in the terest that will be beneficial to his Wong and Woodson are both

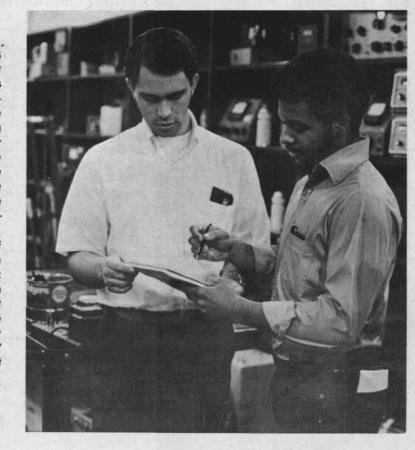
mechanical and aerospace) with The Co-op program provides the from the University of California the exception of California State Center with a source of college at Berkeley.

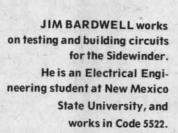
in professional, administrative and accepted permanent employment career at an early date. The program also serves as an input for operative work study agreements 
The Co-op program provides the agency personnel pertaining to with six colleges and universities. student with an opportunity to new theories, concepts, and They are the University of experience the atmosphere of methods relating to their fields of

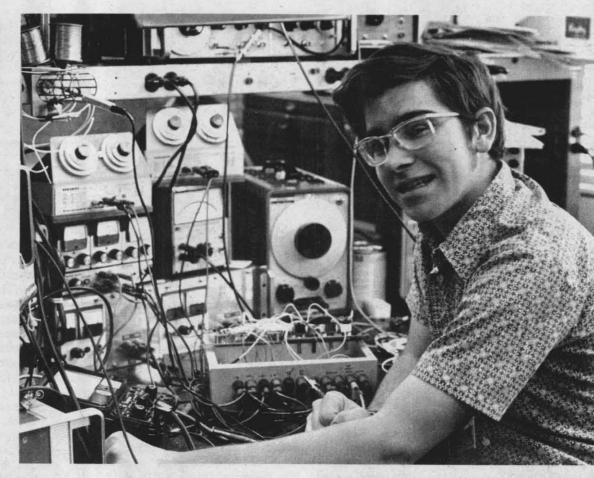
electrical engineering students

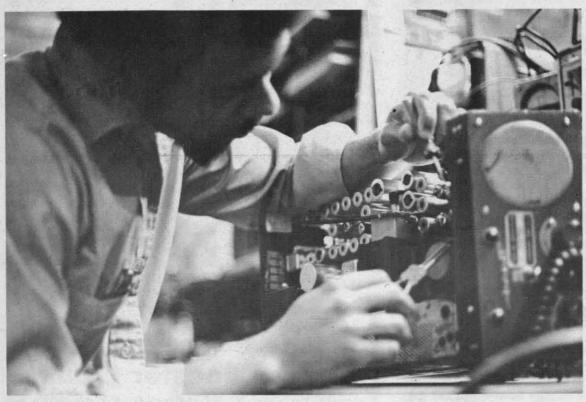


ABOVE — James Evans works on some technical budget estimates for Code 40502. Jim is one of the first two administrative Co-ops here at the Center from Cal State, Long Beach. His work at the Center has allowed him to become familiar with some of the technical problems of his Code in addition to working in the administrative area. RIGHT -Gayle Morton, Code 656, discusses a problem with one of the Co-op students. Gayle is a Master's candidate in Public Administration and is also from Cal State. He learned that personnel work is a field where one must be able to apply classroom theory in a "real" context and adapt it to fit changing situations.









DONALD WRIGHT is the other of the two students from Tennessee State University. An Electrical Engineering major, he is assigned to Code 5734. Here he works on a transceiver, and points to such effort as helping him gain practical knowledge in his chosen field.



UNIVERSITY OF WASHINGTON Electrical Engineering student David Bigelow, of Code 5532, checks a program for missile amplifier gain distribution for Sidewinder. David has welcomed the opportunity to use the computer in his work and broaden his knowledge of that equipment.



**GARY BRANSON works on** remote radio control devices as an employee of Code 3561. Gary is a Mechanical Engineering major at New Mexico State University. His work in Electrical Engineering while at NWC has been very beneficial to his education plans.

PHOTOS PHAN D. W. YEATTS