



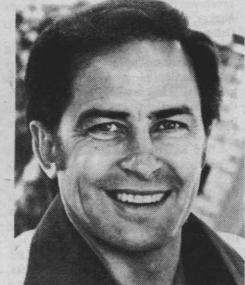
Starring Wesly Eure and Valerie Bertinelli (Comedy, rated PG, 97 min.) OCT. 12 "VAN NUYS BOULEVARD" Starring

'Broadway Baritone'

lunch on Tuesday

A special treat will be in store for those attending a luncheon meeting of the "Broadway Baritone."

Broadway musicals with such stars as Shirley Jones and Juliet Prowse, in movies with Lana Turner, and has appeared on



"Steve Allen Show" to "General Hospital" and "Search for Tomorrow."

Officers' Mess, will begin with a social hour at 11 a.m., and food will be served at 11:45. Cost per person will be \$3.75. Those who have not joined WACOM will be able to do so at this luncheon.

Reservations may be made by telephoning Dayle Huckins, 375-7655, or Ruth Rudeen, 375-4754. Reservations must

From:___ PLACE STAMP HERE To:

Treat Williams and Beverly D'Angelo VEDNESDAY FRIDAY

Bill Adler and Cynthia Wood (Action drama, rated R, 103 min.)

to sing at WACOM

Women's Auxiliary of the Commissioned Officers' Mess next Tuesday when they will be entertained by Ron Husmann, the Husmann has appeared in a variety of

entered by the Navy Recruiting Command; local musicians who activities that were a part of the annual Desert Empire Fair in make up a popular Dixieland jazz band; the mounted color guard from the Marine Corps Logistics Support Base, Pacific, Barstow, which led the gala procession; members of the NWC Sidewinder drill team, directed by AZ1 Mike McClain; and (at lower right) Department and other military parachutists from Edwards Air the parade's grand sweepstakes winner - a commercial entry by Force Base. Included in this abbreviated pictorial review of the Ridgecrest Moving and Storage that best carried out the parade parade can be seen the NWC Sea Cadet Squadron color guard and theme, "When the West Was Fun." There were more than 130 - Photos by Ron Allen

> Commissioned Officers' Mess Tonight is seafood night at the Commissioned Officers' Mess. Dinner will be

bers and guests to stay on and dance to recorded disco music from 8 to midnight. gala "Membership Night."

On stage for this festive occasion will be the "Ball of Fire," a four-piece band from Los Angeles that plays everything from pop

occasion, can be made by calling the COM

Be on the look-out in next week's ROCKETEER for details about a special evening that is coming up at the COM on

Enlisted Mess Tonight the Enlisted Mess will be

presenting "The Moonlight Express", a

provided by disc jockey Bill Coy and his be served in the EM dining room from 6 to 8 their spouses and \$5 for guests.

Prizes will be awarded to the best dance During the month of October the EM has couple on the floor, and also for those most scheduled disc jockey Bill Coy and his Blue suitably dressed for this evening patterned Jeans Disco from 8 to 11:30 p.m. every after party times of nearly three decades Wednesday and Thursday for the listening and dancing pleasure of its patrons.

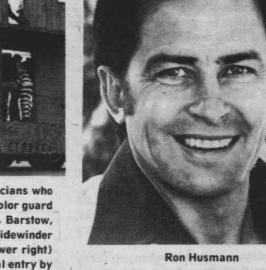
served from 6 to 9 p.m.

After dinner, the COM invites its mem-On Oct. 12, the COM has planned another

The menu for the evening will be baron of

office at 446-2549.

Friday, Oct. 26.



many TV programs ranging from the

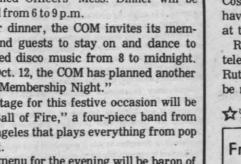
Lunch, to be held in the Commissioned



the Naval Weapons Center. In order to help alleviate the rush hour traffic tie-ups that occur, a third lane for inbound traffic is to be added, as well as an 8 ft. bicycle lane. When this work is completed in August 1980 there will be no necessity for motorists tering the NWC main gate to merge with stbound traffic on Inyokern Rd., unless

their destination is Armitage Airfield. This is expected to speed up entry onto the Center at the start of the working day and during the noon hour, especially, and help to eliminate long lines of traffic that pile up on both N. China Lake Blvd. and Inyokern Rd. In addition, the third lane for northernmost traffic eastbound from the NWC main gate is to be extended further east along Inyokern Rd. as an assist to vehicle operators headed in that direction at the noon hour or after work, since outbound traffic sometimes piles up on that side of Invokern Rd.-China Lake Blvd. exit as well.

be made today, Oct. 5. U.S. Government Printing Office: 1979-No. 47



night that is scheduled next Friday, Oct. 12. Entertainment will begin at 9 p.m. and beef served from 6:30 to 9 o'clock. The price The music for that evening will be continue until 1:30 a.m. A seafood plate will for this special event is \$4 for members and

Reservations, which are a must for this

fairgrounds by personnel from the NWC Parachute Systems drill team (top left); a replica of the cruiser Los Angeles on a float entries in this year's parade.

CPO Club

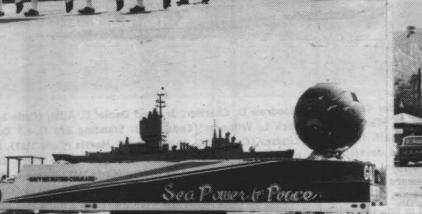
The "Sounds of Country," a versatile group that plays everything from rock to country-style music, will be performing for the entertainment of members and guests at the Chief Petty Officers' Club tonight and Saturday from 9 to 1 a.m.

On the menu tonight is prime rib and cod, which will be served from 6 to 9 o'clock. On Saturday evening, the dining room special will be surf'n turf served from 6 to 8:30.

The CPO Club would like to remind all rock music group from the Los Angeles to rock. members about the "Oldies but Goodies" area.

Blue Jeans Disco, who will be spinning o'clock. platters reminiscent of the 1950s.







FAIRTIME IN RIDGECREST - This camera's-eye view of

Ridgecrest focuses in on the parade held on Saturday morning

and a first-time-ever parachute jump onto the parking lot at the

Combined Fed'l Campaign begins Oct. 12, goal is \$120,000

Naval Weapons Cent

China Lake

Combined Federal Campaign (CFC), which to support national and local voluntary health and welfare agencies.

The Naval Weapons Center will be joined in the campaign by two other Federal agency activities located in Indian Wells Valley - the local offices of the U.S. Post Office and the Bureau of Land Management

(BLM)

employees and military personnel will be encouraged to contribute. The drive will be will be held from Oct. 12 through 26 this year under the co-chairmanship of Cdr. Gordon Carlburg of Code 3105, and Dr. Ed. Royce, head of the Research Department.

Last year, the campaign netted just over \$114,000, but fell short of the goal of \$120,000. More than half of the money collected remained in Indian Wells Valley to support local agencies funded by the United Way. Besides the United Way of Indian Wells During the campaign, both civilian Valley, the CFC collects money for the National Health Agencies and the International Service Agencies. The agencies American Diabetes Ass'n, the Cystic are approved by the U.S. Civil Service Fibrosis Foundation, the March of Dimes, Commission for on-the-job solicitation. the Mental Health Ass'n, the Muscular They are:

International Services Agencies - the International Human Assistance Program, Society, the National Society for the CARE, Project Hope, the International Rescue Committee, Planned Parenthood World Population, the Save the Children Arthritis Foundation, the National Society National Health Agencies of Kern County

October 5, 1979

Vol. XXXIV, No. 40

- The American Cancer Society, the Dystrophy Ass'n, the National Kidney Foundation, the National Multiple Sclerosis Prevention of Blindness, and

The United Cerebral Palsy Ass'n, the Foundation, and Helen Keller International. for Autistic Children, the National (Continued on Page 2)

INSIDE ...

Fire Prevention Week			 				3
Employee Handicapped Weel	k	•					4
Anti-Litter Drive Launched .			 				5
Sports			 	 			6
Desert Empire Fair Parade .		•				•	8

PRESTIGIOUS AWARD - Dr. Harold E. Bennett brought honor to himself and

nwc rocketeer

the Naval Weapons Center by being singled out to receive the Capt. Robert Dexter Conrad Award for Scientific Achievement for 1979. Presentation of the engraved plaque and gold medal which comprise the award was made by Capt. William H. Haff (at right), NWC Commander, during the Commander's meeting this past Monday morning. - Photo by Ron Allen

Nominations sought for annual Fed'l Women's Program awards

Nominations are now being sought for of Wednesday, Nov. 28. four categories of awards that will be presented at the annual Federal Women's Program (FWP) awards banquet to be held at the Naval Weapons Center on the evening

ontract awarded for widening main gate vehicle access

A contract for work that will cost \$104,000 has been awarded to the Desert Construction Co. of Victorville for a street construction job that involves the widening of the vehicle access into the main gate of

In order to give the selection committee ample time to consider the qualifications of the nominees, all nominations must be received by the Equal Employment Opportunity Office (Code 008) before the end of the working day on Wednesday, Oct. 17.

Forms to be used in submitting nominations can be obtained from EEO Coordinators, or requested by calling the EEO Office at NWC Ext. 2348 or 2738.

There are three categories of individual awards that will be presented on Nov. 28, in addition to a perpetual trophy to a department at NWC that continuously has shown support for the Federal Women's Program.

FWP awards for 1979 will be presented to one or more women who have made significant contributions to their field of science or engineering, as well as to one or more women who have made significant contributions in technician positions.

In addition, there will be awards to deserving individuals who have contributed greatly to and supported the FWP.

The criteria upon which selection of the award winners will be based is as follows:

Science and engineering award - candidates must have shown a commitment to their profession and have approached each new task with enthusiasm. Cooperation with others within or outside their profession also is essential, and these women also may have applied for or received patents for their work, or they may have published or presented papers in the local or national scientific or engineering communities.

(Continued on Page 4)

Prestigious Navy Dept. award for scientific achievement presented to Dr. Bennett

Presentation of the Capt. Robert Dexter Conrad Award for Scientific Achievement to Dr. Harold E. Bennett, associate head of Energy. the Physics Division in the NWC Research Department, highlighted the weekly Commander's meeting held Monday morning in the Management Center of Michelson Laboratory.

This prestigious award, which honors the memory of a Navy officer who was a primary architect of the Navy's basic research program and head of the Planning Division of the Office of Naval Research at the time of its establishment, is presented annually in recognition of outstanding technical and scientific achievement in research and development for the Department of the Navy.

The award was presented by Capt. William B. Haff, NWC Commander, on behalf of the Secretary of the Navy. It included a gold medal and an engraved plaque, and was accompanied by endorsements from both James H. Probus, Director of Navy Laboratories, and Capt.

Basis for Award

Dr. Bennett was cited for (1) his pioneering achievements in the field of physical optics that have contributed to the basic understanding of optical phenomena and materials, (2) outstanding leadership in science that has contributed to the international stature of the Naval Weapons Center and the Navy laboratory system as a whole, and (3) technical contributions that have advanced the state of the art in ilitary optical systems and provided standards of excellence and precision adopted by the optical industry.

Dr. Bennett, a physicist who has been employed at China Lake for the past 23 years, was singled out as the 1979 recipient of the Capt. Robert Conrad Dexter Award for his efforts over a lengthy period of time spent almost entirely in the Navy research establishment

Area of Specialization

The nomination of Dr. Bennett for this honor was based, in part, on the development of a "unique center of excellence" in the physical optics of surfaces - a speciality in which the honoree has garnered impeccable credentials.

With the advent of laser technology, the work of Dr. Bennett and his group has become of significant, even critical, importance to the successful use of laser technology in military systems.

Over the past seven years, under Dr. Bennett's guidance, a major program in laser optical components has evolved. This Defense Advanced Research Projects proposal.

Agency (DARPA), all three branches of the military services and the Department of

The work began with a modest grant from DARPA, whose officials recognized that Dr. Bennett's work over the last decade had given rise to a unique research and development capability at the Naval Weapons Center - making it possibly the only place in the country where DARPA's program needs could be fulfilled.

Under Dr. Bennett's guidance, this work grew to a large DARPA program for research in several aspects of laser mirror and window technology.

All the while this work has had continuing support from NWC itself (Independent Research), as well as from the Naval Air Systems Command and the Naval Sea Systems Command. The overall result has been to give NWC a strong tie-in to a new area of technology related to advanced (Continued on Page 3)

Proposal received for Coso geothermal area development

A single proposal for development of the geothermal energy resource in the Coso area of the Naval Weapons Center was received last week by the Western Division of the Naval Facilities Engineering Command (WESTDIVNAVFAC) at San Bruno, Calif.

The proposal was submitted by the California Energy Corp., an engineering management firm with home offices in Santa Rosa. A participant in the proposal is Balfour Beatty, an English architectural and engineering firm.

An evaluation of the technical proposal, which is the first part of a two-part proposal, is now being conducted by an eight-man team headed by Cdr. Q. E. D. Lewis, CEC, USN, of WESTDIVNAVFAC.

Members of the team include Dr. Carl F. Austin, head of the Geothermal Utilization Division in the Public Works Department at NWC, and Thomas M. Dodson, NWC Environmental Protection Officer.

The evaluation team is rounded out by representatives of the Naval Facilities Engineering Command in Washington, D.C.; other WESTDIVNAVFAC personnel, and a representative of the Department of Energy.

The initial evaluation of this first part of the two-part proposal may be completed as early as next week. If the technical proposal is determined to be acceptable, the coneffort now has the financial support of the tractor will be invited to submit his pricing Page Two

Partlow Construction, Western Columbia, and The Place all posted three game sweeps over their opponents - Clancey's Claim Co., the Elks, and The Hideaway teams. This left the winners tied with identical records of 8 wins and 4 losses, while the Raytheon Sidewinders are just a game off the pace with a 7-5 record.

(605)

Osburn.

press.

it 6-2.

Kenny Golf Lessons Scheduled Registration is now being taken at the China Lake golf course pro shop for a sixweek series of golf lessons that will begin on Oct. 11 and continue each Thursday, from 8:30 to 10 a.m., through Nov. 15. Charge for the golf lessons, which will be taught by Nancy Webster, is \$20 for nonmembers of the China Lake Golf Club, or \$15 for golf club members and military personnel.

GETTING THE WORD - Dr. Ed Royce (standing), co-chairman of this year's Combined Federal Campaign with Cdr. Gordon Carlburg, briefs department representatives about the 1980 fund drive. He emphasized that good work is being done by all the organizations, and that now is the time to make contributions. Contributors may designate the agency of their choice. Last year more than 62 percent of the money collected remained in the Indian Wells Valley to support local United Way agencies. — Photo by Ron Allen United Way agencies.

Combined Fed'l Campaign . . .

(Continued from Page 1) Hemophilia Foundation, the National Retinitis Pigmentosa Foundation, the National Ass'n for Retarded Citizens, and the National Sickle Cell Disease Ass'n.

United Way Agencies

United Way - the American National Red Cross, the Boy Scouts, Girl Scouts and Lt. C. J. McKenzie, Code 21; Bob Blevens, Campfire Girls, the Children's Home Code 24: Dave Rivera, Code 25: Jack Society, the Children's Hospital of Los Richards, Code 26; and Angeles, the China Lake Mountain Rescue Group, the Desert Counseling Center. Markarian, Code 32; Barbara Kramer. Travelers' Aid, Problem Pregnancy Assistance, and

The Homemaker Service of Indian Wells Valley, the Indian Wells Valley Ass'n for L. D. Gorans, Code 61; Peggy O'Donnell, Retarded Citizens, Legal Aid of Indian Code 62; as well as Wells Valley, the One-to-One Program, the Salvation Army, the USO, the Council on Code 81; Kathy Wehle, Code 91; Lt. L. D. Alcohol Awareness, We Care, and the Kern Gorans, Code 92; DT1 Fred J. Binas, Code County Senior Citizens Information and Referral.

voluntary contributions to carry on their Joe Unger, VX-5. research work and social services.

Gifts Can Be Designated

Donors who wish to specify which organization will receive the money they Zellmer contribute may indicate the percentage of the contribution and the agency on the pledge cards which must accompany each donation. Key persons soliciting the donations will provide donors with a list of 'agencies and groups that benefit from the campaign.

Contributions which are not accompanied by a request that the money be given to a specific agency or agencies will be divided between the three major groupings of service and charitable organizations as follows: Indian Wells Valley United Way, 75 percent; National Health Agencies of Kern County, 15 percent; and the International Services Agency, 10 percent.

coordinating the drive. The co-chairmen are responsible for the planning and ad- the immunizations may contact the Health ministration, and they will work closely Department by calling 375-5157.

NWC Commander

R. M. Hillver

Acting Head

Don R. Yockey

Editor

Ernest Sutton

Associate Editor

Editorial Assistant

Ron Allen

Staff Photographer

with the department representatives.

The various Center departments have selected the following CFC representatives: Beto Bernal, Codes 00, 01, and 02; Nils Wagenhals, Code 03; Fred Weals, Code 06; Cy Ebersberger, Code 08; Marcel Martineau, Code 09; Charles Anderson, Code 12;

Jerry Zaharias, Code 31; Frank Code 33; Bill Bewley, Code 34; Frank St. George, Code 35; Dale Randle, Code 36; Ken Pringle, Code 38; Ken Garvin, Code 39; Lt.

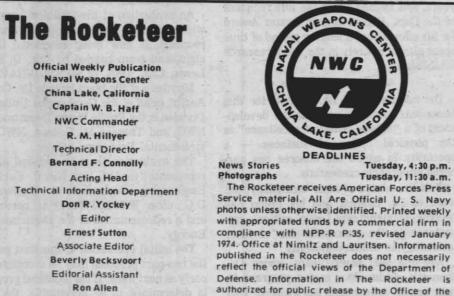
Jon T. Matsuo, Code 64; Harry Reeves,

The Ridgecrest Post Office will be represented by Gilbert Barker, and the Bureau of Land Management by Margaret

Health Dep't offers free immunizations to local children

The Kern County Health Department will be offering a free immunization clinic on Monday from 9 a.m. until 3 p.m. at the local office, 250 W. Ridgecrest Blvd., in Ridgecrest.

Children from 2 months to 17 years of age may receive free shots for diphtheria, whooping cough, tetanus, polio, German measles, and mumps. Parents or legal guardians must accompany any children The Public Affairs Office, Code 003, is who receive shots to sign the consent forms. Anyone wishing more information about



Phones

Commander, Code 003. 3354,3355

- This position is in the joiner shop of the Public Works Department. The incumbent constructs, installs, and repairs cabinet work, furniture, displays, models, and similar items. May construct and install doors, door common to the trade

nbs, locks, sash, screens, screen doors, picture frames, sinks and counter tops, and may perform minor framing and construction. Lays out work, cuts, saws, joins, nails, glues, and assembles lumber and allied material in repair of broken objects and in construction of new equipment. Job Relevant Criteria: Ability to do the work of the position without more than normal supervision; technical practices; ability to interpret instructions, specifications, blueprints, etc.; ability to plan set up, layout, and measure work common to the trade; ability to use and maintain tools and equipment safely; knowledge of materials Electronics Mechanic (Maintenance), WG-2663-11, JD No. 465N, Code 26421 — Duties of this position are to lay out, plan, design, build, test, install, maintain, troubleshoot and

repair all types of highly complex integral devices, subassemblies and complete electronic units such as remote control and telemetry, instrumentation, data recording, boiler flame safety devices, diathermy, X-ray, electrocardiac monitors and records, security alarms and devices, and voltage and frequency controls for power generating equipment. Job Relevant Criteria: Ability to do work of the position without more than normal supervision; knowledge of industrial equipment operation, control and control repair; ingenuity; knowledge of electrical and electronic theory; use of test equipment; ability to troubleshoot; ability to interpret instructions, blueprints, schematics, specifications, etc. File applications for the above with Lucy Lambert, Bldg.

34, Rm. 212, Ph. 2032. Aerospace Engineer, GS-861-12, PD No. 7932076, Code 3265 — This position is located in the Chemical Systems Branch, Conventional Weapons Division, Ordnance Systems Department. Incumbent is assigned to the Bigeye Chemical Weapon Program. Responsible for design, preparation of program plans preparing reports, evaluates contractor's proposals, prototype design, etc. Job Relevant. Criteria: Ability to maintain effective communications with government and contractor personnel; knowledge of the functions and operations of a program management office; ability to develop test plans and procedures; ability

to analyze test data. File aplications for the above with Mary Morrison, Bldg. 34, Rm. 210, Ph. 2393. Secretary, GS-318-5, PD No. 7935109N, Code 354 -

Position is located in the Microwave Development Division, Electronic Warfare Department. Incumbent is secretary to the head of the division and gives secretarial

support to the division. Includes reviewing in correspondence and taking proper action; i.e. genut signatures, returning for corrections, informing affected personnel, etc.; performing final review of all electronic messages and travel packages for conformance to regulations; collecting and disseminating information receiving and screening office and telephone callers; keeping supervisor's calendar; receiving and controlling classified material; making travel arranger scheduling conferences; typing; filing; etc. Job Relevant Criteria: Ability to type accurately and efficiently; ability to coordinate clerical staff; knowledge of clerical function and office procedures; ability to deal with personnel of all levels; ability to use tact and judgment; ability to com municate effectively both orally and in writing.

Promotional opportunities

Unless otherwise specified in the ad, applications for positions listed in this column will be a accepted from current NWC employees and should be filed with the person named in the ad. All others desiring employmen

with the Naval Weapons Center may contact the Employment-Wage and Classification Division, Code 092, Ext. 2069. Ads will run for one week and will close at 4:30 p.m. on the Friday following their appearance in thi 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 0% or 0%). 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 nost recent previous supervisor of those applicants rated as basically qualified. The Naval Weapons Center is

The minimum qualification requirements for all GS positions are defined in CSC Handbook X-118, while those

an equal opportunity employer and selection shall be made without discrimination for any nonmerit rea

for all WG, WL and WS positions are defined in CSC Handbook X-118C.

Budget Analyst, GS-560-5/7, PD No. 7708042-2, Code 0833

- This position is located in RMA Branch B, Budget

Division, Office of Finance and Management. The in-

cumbent provides services to one or more of operating

departments, including guidance of financial staff. In-

formulation, control and monitoring of direct, overhead,

and capital budgets. Analyzes manpower vs. funding and

solutions, and is responsible for identifying system errors and inaccuracies. Job Relevant Criteria: Ability to gather

and analyze raw financial data; ability to communicate

effectively, both orally and in writing; ability to work

rapidly and accurately with names, numbers, codes and

symbols; ability to meet deadlines under pressure.

Voucher Examiner, GS-540-4, PD No. 7908056N, Code 0862

(Applications will be accepted from status eligibles.)

his position is located in the Cost Accounting Branch,

Financial Operations Division, Office of Finance and

Management. The functions of this position include

verifying documents for compliance with NWC and DoD

established policies and procedures, initiating

auditing/processing of invoices and calculating applicable

prices, discounts and charges. Job Relevant Criteria:

Technical knowledge of youcher examining methods and

regulations; ability to understand and retain numerous

instructions as to processing different documents; ability

to work with figures and ability to work well under

Accounting Technician, GS-525-4, PD No. 790816, Code

Branch of the Office of Finance and Management. The

incumbent is a trainee in the Cost Accounting Branch

performing tasks on a rotating basis within one of the three

and commercial orders. Incumbent codes and processes

purchase documents, files and maintains files of paid

documents, posts entries on reconciliation sheets, and

assists in monitoring control log of transactions. Job

Relevant Criteria: Ability to work with figures; ability to

perform routine clerical duties; ability to maintain a high

level of accuracy in work requiring close attention to

File applications for the above with Terry George, Bldg.

Sheet and Plate Metal Worker, WG-3801-11, PD No. 530N,

Code 26412 - Position is located in the Structural Shop.

Public Works Department. Incumbent is responsible for

the layout, fabrication, assembly and installation of

prototypes and experimental parts and equipment made

alloys. Performs electric arc welding, oxyacetylene

welding, radio graph machine cutting. Uses a wide variety

of hand tools and power machines for such processes as

bending, forming, fitting and welding. Works with many

different commercial stock shapes and forms ranging from

light gauges to heavy steel plate. Job Relevant Criteria:

Knowledge of materials, guides, etc.; computing trade mathematics; layout and pattern development; ability to

cut materials pertinent to the trade; ability to braze,

solder, spot weld and gas weld; ability to use hand and

power equipment (braking, forming, fastening, etc.);

eading blueprints; ability to do sheet and plate metal

Wood Craftsman, WG-4605-10, JD No. 196-3N, Code 26444

work without more than normal supervisi

various types of ferrous and non ferrous metal and

detail. Promotion potential to GS-5.

34, Rm. 208, Ph. 3118.

ctions. Major contracts, government orders and F/C,

- This position is located in the Cost Accounting

correspondence necessary to complete the

Potential to GS-12. Status eligibles accepted.

vorkload, identifies financial problems and recommends

mbent is responsible for all phases of budget execution,

Supervisory General Engineer, GS-801-14, PD No 7935011 E, Code 3506 — An incumbent of this position serves as deputy to the HARM/Standard ARM Technical Manager. In doing so, one will assist the technical manager in the full range of his responsibilities of technically and administratively managing the work of the organization. The office, with respect to the High Speed Antiradiation Missile (HARM), is responsible to the HARM Project Manager in NAVAIR for the technical management of the HARM. Future work includes monitoring the HARM V directing the GFE contractors and

ning/coordinating/executing the HARM Test and Evaluation Program. With respect to Standard ARM, the office monitors the Standard ARM production program and provides engineering support to the Pacific Missile est Center with respect to field/Fleet support problems of the weapon. Job Relevant Criteria: Knowledge of technical/administrative aspects of management of development program; knowledge of NWC, NAVAIR, DoD philosophy/procedures associated with a development program, experience with preparation of documents such as advanced procurement plans, source selection plans requests for quotes, technical development plans and concept plans used in developm programs. Significant experience in the missile engineering field.

Engineering Data Management Specialist, GS-301-9, PD No. 7935107. Code 3506 - Position is located in the HARM/Standard Arm Technical Management Office Electronic Warfare Department. Primary purpose is to function as the HARM Program Data Manager, which involves development, preparation, review, coordination and control of Contract Data Requirements Lists (CDRL 1423s), 1423s are developed to monitor the Weapon System Integration Contractor (WSIC) under administrativ direction of NAVAIR, and Government Furnished Equipment (GFE) contractors under direction of NWC Job Relevant Criteria: Knowledge of DoD, NAVMAT NAVAIR, and NWC regulations associated with data management; knowledge of disciplines of configuration management; ability to deal with personnel of all levels o DoD and contract agencies; ability to analyze data requirements and contract terminology. Promotion potential to GS-11.

Electronics Technician, GS-856-11, PD No. 7835043N Code 3525 - This position is located in the Flight Test Support Section, Systems Design Branch, RF Development Division, Electronic Warfare Department. The position

(Continued on Page 7)



Sunday Worship Service Sunday School-All Ages 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 1130 Wednesday Noon Bible Study 0630 Thursday Men's Prayer Breakfast

ROMAN CATHOLIC MASS

0830-1130 Sunday Nursery, Chapel Annex 1 0815-1245 Daily except Saturday, 1135, Blessed Sacrament Cł CONFESSIONS 1115 to 1130 Daily

0800 to 0825 Sunday 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

Services-(Sept.-May) 1930 Sunday

Tuesday, 4:30 p.m. Tuesday, 11:30 a.m. The Rocketeer receives American Forces Press Service material. All Are Official U. S. Navy photos unless otherwise identified. Printed weekly

93; HM1 Craig Cummings, Code 94; MS1 C. P. Fernandez, Code 95; Lt. R. J. Boyd, Code Many of these agencies rely solely on 96; William Giuliani, Code 97; and Ensign

October 5, 1979

ROCKETEER

Page Seven

After four weeks, 3 teams tied for **Premier League lead**

The number of teams clustered at the top of the heap in the Premier Bowling League was narrowed down to three, following this past Monday night's action at Hall Memorial Lanes.

The E.R.I. Hustlers came through with high team game (1,004) for the night, and high team series honors went to the Western Columbia squad for its combined three game total of 2,858.

Warren Turnbaugh's triple 200 series was tops for the night as he rolled a 3-game total of 679 with single game scores of 225, 226 and 228. Pat Nalley also had a triple 200 series of 201, 209, 204 which gave him a 614 total.

Other Premier League bowlers over the 600 series mark were Ken Dalpiaz (629), Jim Dillon (625), Dick Schweitzer (609), Jim Wright (608), and Benny Whiteside

In addition, those with single game scores in excess of 220 were Dalpiaz (234), Dillon and Wright (226), Dick Furstenberg (224), and Whiteside (223).

Youth soccer . . . (Continued from Page 6)

defender in the shutout was Andy Corzine. Results of the three games played in the Pacific Division (for 1st and 2nd graders) were Earthquakes 2, Chiefs 0; and Sockers 2, Express 0. The Rowdies and Fury played to a scoreless tie.

A downpour of rain marked the start of the game between the Earthquakes and the Chiefs. Saves by goalie Jeff Hutmacher preserved the shutout 2-0 win for the Earthquakes, whose goals were tallied by Jeremy

In another 2-0 contest, Steve Curran and Matt Duncan scored for the Sockers. They were aided by assists from Mike Wasserman and Lincoln LaRoe, respectively. Goalie Wade Hampton was instrumental in thwarting all scoring threats by the Ex-

A first half that was marked by a lot of offense but no goals by either team was the highlight of the scoreless tie played by the Rowdies and the Fury. Singled out for their play on defense were Joe Nelson, Tara Sandberg and Paul Aston for the Fury, and first series of plays run by the Burros of- 30 yds. and a first down on the BHS 17 yd. Ricky Holmes of the Rowdies.

In the National Division (for 5th and 6th graders) the Sounders trampled the Kicks, 4-0, and the Whitecaps rolled to a 6-2 victory over the Tornadoes.

Four players - Reed Stephensen, Corey Trovinger, Scott Oliver and Garrett Osburn got in on the scoring for the Sounders in their one-sided win over the Kicks.

The Whitecaps and Tornadoes battled to a 2-2 tie in the first half of their game, but the second half was a different story as the Tornadoes couldn't get rolling and the

Rec. roundup . . .

(Continued from Page 6)

Kasper, Tim Jenkins, David Janik and Paul

Additional information can be obtained by calling Mrs. Webster at 385-8905.



TEAMWORK PAYS OFF - A Navy Award of Merit for Group Achievement was presented recently to the Naval Weapons Center's A-7 engineering team by Capt. William B. Haff, NWC Commander, for the group's outstanding efforts in the development and validation of the A-7 Aircraft Operational Flight Program and Operational Test Program. The award was accepted on behalf of the A-7 engineering team by James Hall, the program manager (Code 3105). Those who shared in this special recognition were front row (I.-r.) Forrest E. Lloyd (Code 3193), Robert G. George (Code 3191), F. Lee Thomson (Code 3192), Stanley G. Rajtora (Code 3141), Terry M. Moore (Code 3104),

Woodrow D. Chartier, Jr., and Daniel C. Allen (Code 3105), and Jack L. Williams (Code 3145). Standing are (I.-r.) Delbert L. Lindsey (Code 3144), Hermalene C. Harris (Code 3142), Hall (the program manager), Sandra R. Fryer (Code 3192), Diana M. Johnson and Catherine M. Rivera (Code 3142), Diana A. Owen and Betsy E. Eggleston (Code 3193), and G. Scott Lucas (Code 3144). Others involved in the work for which the award was presented, but who were not present for the photo, are: Jack A. Willbur (Code 3105), Cdr. Larry J. Chrans, LCdr. Jack Paschall and Lt. Jeffrey A. Lehman (Code 3105A), Ruth A. O'Neil (Code 3141, Jack R. Basden (Code 3192), and Ivan D. Harnage (Code 3144).

Burros gridders begin league play tonight . . .

(Continued from Page 6)

for a loss. That turned out to be all of the scoring in the first half even though the Burros. fumbled the ball away on their 18 on the first play from scrimmage after the kickoff following the Victor Valley field goal. Three plays later, however, the Victor Valley team returned the favor and the Burros once again were in possession of the ball but this time on their own 15.

A fourth down punt out to midfield relieved some of the pressure on the BHS defense and the game was a standoff for the remaining minutes of the first half.

The see-saw battle continued for most of the third quarter when, thanks to a 25-yd. punt return by Tony Cherry, the Jackrabbits had possession of the ball with a first down on the BHS 16 yd. line. During the 2 min. still left to play before the start of the fourth quarter, the visitors worked their way down to the Burroughs High 2 yd. line, and Cherry blasted over for the score on the first play of the final period. Jones' try for the PAT on a kick missed the mark and the Burros' lead had been cut to 14-9.

A fumble recovery by Victor Valley on the

fense following the Jackrabbits' touchdown gave the visitors the ball on the BHS 15. Robinson wasted no time firing the ball to Walton for an apparent touchdown, but the score was nullified by a 15-yd. penalty that moved the ball back to the Burroughs 35.

Handed that break, the Burros defense proceeded to keep the pressure on Victor Valley and forced a fourth down punt that was down on the local team's 1 yd. line.

The Burros got out of trouble by opening the way for Pinchem to pick up 24 yds. or the next two running plays, but the offense stalled after picking up a first down on the 29 and a fourth down punt gave the visitors the ball on their own 35.

The Jackrabbits showed signs of generating a scoring drive, only to have it blunted by the first of two pass interceptions by Pack, defensive secondary man for the Burros, who picked off the ball on the BHS 25 yd. line with a little more than 2 min. left to play in the game.

On their next possession of the ball, the visitors took over on their own 47 after fielding a short fourth down punt by the Burros. A Robinson-to-Walton pass gained line with 26 sec. left to play in the game.

Two plays later, following a penalty that moved the ball to the BHS 12 yd. line, Pack popped up again with a pass interception when the ball was deflected off the arms of the intended receiver.

Three seconds later, the gun sounded ending the game with the Burros inpossession of the ball on their own 2 yd. line.

Entry now open in MDISL lifetime sports events

Military personnel stationed at China Lake have until next Friday, Oct. 12, to call the gymnasium office (NWC Ext. 2334) or the Community Center (NWC Ext. 2010) if they are interested in taking part in the Mojave Desert Inter-Service League's lifetime sports competition that will be held on the weekend of Oct. 27-28.

Norton Air Force Base in San Bernardino will host a billiard tournament and a 10 kilometer run, while racketball and table tennis competition will be held at March Air Force Base in Riverside.

Prospective local entrants in the 10-km. run or racketball are asked to call the gymnasium office. Table tennis and billiard players should call the Community Center.

Promotional Opportunities

(Continued from Page 5)

and the unit are responsible for flight test of anti-radiation missile seekers, control sections and completed missile systems. This involves study of missile systems to determine functional requirements to be telemetered and for detailed design of electronic/electromechanical circuits and test equipment used in the flight test work. Will also function as an onboard flight technician for various missile systems during testing, requiring one to be qualified to fly in high performance military aircraft (annual physical, aircraft safety check, high altitude chamber check). Job Relevant Criteria: Practical knowledge of electronic theory, both analog and digifal; Whitecaps racked up four more goals to win experience in applying such electronic theory, both analog and digital; experience in applying such electronic theory to aircraft launched missile development and test; handson familiarity with electronic components, analog and digital circuits, and their fabrication techniques; thorough knowledge of test instrumentation, its uses, limitations and other factors affecting design problems.

Supervisory Electronics Engineer, GS-855-12, PD No. 7935073E, Code 3525 — This position is head, Electro-Magnetic Compatability Section of the Systems Design Branch, RF Development Division, Electronic Warfare Department. Incumbent will provide technical and administrative direction to 4 to 6 engineers and technicians. The section is responsible for evaluating Electro-magnetic Compatability (EMC) on all NWC weapons development projects. Includes providing (1) EMC design, development, and production engineering capabilities for elec tronic support equipment, airborne guided missiles, aircraft systems; and (2) a test and evaluation capat ordnance radiation hazards and EMC Job Relevant Criteria : Ability to technically and administratively direct a workforce in an effective manner; significant experience in EMC design, test and evaluation, electromagnetic propagation and fields, and antennas; comprehensive knowledge/understanding of instrumentation techniques and equipment; skill at providing effective verbal and written presentations regarding the program and specific projects. Promotion potential to GS-13.

File applications for the above with Janet Thomas, Bldg.

34, Rm. 204, Ph. 2577. Electronics Engineer, GS-855-9/11, PD No. 7939098, Code 3931 — This position is located in the Mine Warfare Branch, Special Projects Division, Weapons Department. The Mine Warfare Br nts, systems, and tes equipment for Tactical Sea Mine Simulators. The developments are prosecuted from initial concept through experimental, advanced development model, and engineering model phases with both laboratory and field testing. Cognizance for the component or system is trans ferred from the branch at the completion of first production and fleet introduction. The incumbent is responsible for hardware design and development of a tota project or electronic subsystem of a large project. Duties of the position include design development and evaluation electronic equipment, analog and digital circuit analysis, supervision of assigned equipment and software fabrication, documentation, and technical liaison. Job Relevant Criteria: The ability to design complex, func tional electronic equipment and proceed through development to a defined end product; a detailed knowledge of active and passive electronics circuit synthesis down to the component level is required. The incumbent must possess the ability to work as a contributing member of a design team and accomplish assigned tasks

Secretary (Typing), GS-318-4, PD No. 7939088N, Code 3908 - This position is located in the Sparrow Program Office, Weapons Department. The incumbent provides clerical assistance to the Sparrow Program Office staff. Duties will consist of: receiving and screening visitors and coming phone calls; receiving, opening, and screening mail: typing official letters, memorandums and reports; maintaining office files; performing timekeeping duties, etc. Job Relevant Criteria: Ability to get along with others in the work group; ability to meet deadlines under pressure; knowledge of Navy correspondence and local filing procedures.

File applications for the above with Kitty Berry, Bldg. 34,

Rm. 206, Ph. 2723. Secretary (Typing), GS-318-3 or 4, PD No. 7962074N, Code Rm. 212, Ph. 2514.

62114 - This position is located with the Warhead Testing Section of the Ballistics Test Branch. Collateral duties are to provide clerical support to the Range Department's Explosive Ordnance Disposal Unit. Both groups are located at the Area R Range Test Site. The incumbent screens visitors and incoming telephone calls, prepare and edits correspondence submitted by personnel in the section, performs timekeeping duties, arranges conferences, maintains files, Job Relevant Criteria: Ability to get along with others; reliability and dependability; ab to type accurately and efficiently; knowledge of Navy dence format

Mechanical Engineer, GS-830-9/11/12, PD No. 7662012E, Code 6237 - This position is located in the Range Optical Development Branch of the Range Department. cumbent will be involved with development of optical tracking systems and recording instruments for obtaining range test data. Job Relevant Criteria: Knowledge of te range data gathering systems; mechanical design experience for equipment such as missile launchers, rada drive and boresight systems, etc.; ability to work with technical personnel.

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

Secretary (Steno), GS-318-6, PD No. 7938025, Code 38 -This position is secretary to the head, Research Department. Duties include secretarial tasks such as keeping the department head's calendar and maintaining correspondence files and administrative tasks which facilitate office operations. Examples of administrative duties are coordinating the department's honors and awards program and coordinating the documents submitted to the Public Technical Information Release Panel. Job Relevant Criteria: Ability to assist and advise division secretaries on NWC clerical format and procedures; knowledge of the major organizational components at the Navy and DoD levels; ability to take dictation in shorthand or speedwriting. Applications will also be considered from status eligibles.

File applications for the above with Pat Gaunt, Bldg. 34,

Page Six

League action starts tonight for Burroughs gridders

October 5, 1979

Many of the coming week's activities are Members of the NWC Fire Division, the n County Fire Department, the U.S. rest Service, and the Bureau of Land

designed specifically for young people because local school children have proven the effectiveness of awareness programs. Management (and their two allies, Smokey the Bear and Woodsey the Owl) will join in reaching all elementary school children in the community with information based on the theme "Partners in Fire Prevention."

Program for Students School children will be bused to the Center theater Tuesday through Friday morning and on Wednesday afternoon for a program of skits and films. The programs will actually begin outside the theater when two pumper trucks, one from the NWC Fire Division and one from the Kern County Fire Station in Ridgecrest, scream into the parking lot with lights and siren on.

Firemen will jump off the truck, run hose s, and spray water, fighting an

unaginary fire in the parking lot. What they are doing and why they are doing it will be described by Bill Brown, one of the fire shift captains from Ridgecrest. The demonstration will include the use of various sizes and types of nozzles that spray

prevention tips.

about fire prevention.







SPORTS Recreation Roundup Admiral's Cup golf match to be

nwc rocketeer

played Wednesday

Admiral's Cup athletic competition for 1979-80 will be resumed next Wednesday, Oct. 10, when golfers representing NWC Blue (Code 612), NWC Gold, and VX-5 will take part in a golf match starting at 11 a.m.

Six-member teams are being organized for this event. By press time for this week's issue of The ROCKETEER, a primary team was ready to go for NWC Gold, but the names of other players also are being sought by John Kinnard (phone NWC Ext. 5301) in the event that a change of plans makes it necessary for any of the NWC Gold players to cancel out between now and next Wednesday

Those scheduled to take to the links for NWC Gold are James Kincheloe, Ron Isgriggs, Steve Mills, Robert Johnson, Timothy Jung, and Michael Hastings.

A team, headed by Jim Wright, as captain, has been partially formed to represent NWC Blue. In addition to Wright, others expected to play in the Admiral's Cup golf match are Toby Jones, Kelly Hayes, and Bud Carvlin.

Golfers scheduled to play for VX-5 are Mike Arms, Charles Adams, Michael (Continued on Page 7)

Scores show even balance of youth soccer league teams

The even balance strived for in placing players on teams competing in the Youth Center Soccer League appears to have been met in the American Division (for 3rd and 4th graders).

With two weekends of action under their belts, all eight teams in the American Division have now either won or tied a game

During American Division games played last Saturday, the Blizzard edged the Hurricane, 1-0; the Drillers came from behind to defeat the Sting, 4-2; the Lancers speared the Rogues, 2-1; and the Timbers were blanked, 1-0, by the Strikers.

A goal by Jay Rusciolelli turned out to be te a good defen throughout most of the game by the Hurricane squad. Brian Bartels was tops on defense for the victorious Blizzard team.

Goals by Steve Dargo and David Tetmeyer provided the final margin of difference in the Drillers' 4-2 win over the Sting. Craig and Mike Rindt, who are cousins, accounted for the two goals tallied by the Sting.

Late in the game between the Lancers and Rogues, Paul Andrews of the Lancers came through with a pair of goals that enabled his team to slip past the Rogues, 2-1. Travis Webster was credited with an assist on the game-winning goals, while Barrie Riddoch led the Lancers on defense.

The solo tally for the Rogues was scored by Wayne Shadd, assisted by Jonathan Miller. An offside penalty nullified a second goal by the Rogues.

A fast, tight defensive match between the Strikers and the Timbers was decided in favor of the Strikers when Phillip Serpanos booted the ball into the net, aided by assists from John Duncan and Chris Johnson, who helped get the ball into scoring position. Top

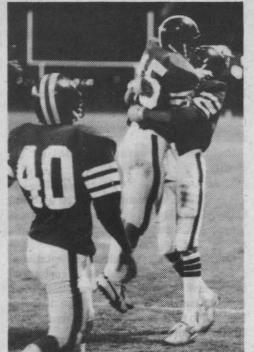
(Continued on Page 7)

The 1979 season of Golden League football action will start tonight in Palmdale for the Burroughs High School varsity football team.

The Burros, whose pre-league season is now one win and two losses following a close 14-9 win over Victor Valley last Friday night, will tangle with the Falcons at 8 o'clock.

The varsity clash will be preceded by a sophomore tilt during which the Burros sophs will be looking for their third win in a row after downing Bakersfield 34-0 and Victor Valley 21-7. The sophs were held to a scoreless tie in their first game of the current season at Barstow. Kickoff time is 5:15 for the sophomore game at Palmdale.

A rejuvenated Burroughs varsity eleven took the field last Friday and, after two



THRILLING FINISH - Roger Pack (No. 45 in center) is hugged jubilantly by a teammate after his second pass interception in the closing minutes of the game clinched the Burros varsity win over Victor Valley. Rushing up to add his congratulations is Billy Richardson (No. 40).

early season losses, started things off with a first quarter of play that delighted coaches and fans alike.

Working smoothly on offense and in full control of the situation on defense, the Burros swiftly opened up a 14-0 lead. After that, however, the visitors recalled some of the lessons they had learned in their first two wins of the season and it took two pass interceptions by Burros defensive back Roger Pack in the final two minutes of the game to prevent the Victor Valley varsity from scoring a touchdown that would have won the game for them.

by Billy Richardson, halfback for gain. Waters sprinted down the right

the only score in the Blizzard vs. Hurricane 200 entrants to compete this weekend in Haugen Memorial Tennis Tournament

Some 200 entrants, more than 60 of whom are from outside the local area, will compete tomorrow and Sunday in the fourth annual Gary Haugen Memorial Tennis Tournament - an event co-sponsored by the NWC Special Services Division and the China Lake Tennis Club.

Matches are scheduled from 7 a.m. to 6 p.m. tomorrow on the China Lake tennis courts, as well as at Burroughs High School and Cerro Coso Community College. The tournament's semi-final and final competition will get underway at 8:30 a.m. on Sunday, Bill Duncan, the tourney chairman, announced.

Entrants will compete in different divisions, based on their playing ability, and silver platters will be awarded to the winner and top runnerup in each division of the tourney.

There will be men's and women's singles competition in the open division and Divisions B and C; men's and women's doubles play in the open division and Division B; and open division mixed doubles.



JACKRABBIT NAILED — Ivery Walton, leading ground gainer and pass receiver for the Victor Valley varsity eleven; hits the turf after a short gain in the Burroughs vs. Victor Valley game. Mike Collins (No. 80), one of Walton's teammates who was too late to assist with a block for the ball carrier, looks on hopelessly. The Burros won the game, their first victory of the season, 14-9.

Burroughs, gave the Burros good field position on their own 48 yd. line, and they moved quickly downfield for the first touchdown of the contest.

A low bullet pass from Richi Drake, quarterback, to Tim Dominguez, split end, who caught the ball between two defenders in the end zone, produced the first tally. The line of scrimmage on the scoring play was the Victor Valley 11 yd. line, and the extra point on a boot by Greg Bell gave the Burros a 7-0 lead.

On this 52-yd. scoring drive, the Burros took advantage of a 15 yd. penalty assessed against Victor Valley that moved the ball to the Jackrabbits' 26 yd. line. A loss of 6 yds. on the next play was more than offset by a pass from Drake to Mike Waters, starting halfback, which gained 24 yds. and a first down on the Victor Valley 8. Drake's touchdown pass to Dominguez came three plays later

During Victor Valley's first possession of the ball, the Burroughs defense gave up one first down and then held forcing the visitors to punt on fourth down from near midfield. There was no return of the punt, which rolled to the BHS 11 yd. line.

The fired up offensive unit for Burroughs A good return of the game-opening kickoff broke Waters lose on a pitchout for a 49 yd.

> Top seeded contenders in the tourney include Roy McQuown from Lancaster, who is the defending Haugen Memorial Tourney champion in the men's open and mixed doubles competition; and Barbara Hen-

neberger, also of Lancaster, 1978 winner of the women's singles crown in the open division

In addition, Doug Haro, of Los Angeles, who won the Class B men's singles in 1978. will return as an entrant in the open division singles play tomorrow, and Ben DeJesus, another Angeleno, will be back to try his hand in the Division B men's singles this year, after winning the Division C title last year.

Ruth O'Neil of Ridgecrest, a member of the China Lake Tennis Club and past women's open division champ in the Haugen Memorial Tourney, is one of the top local players who will be competing in this year's event. In addition to other local area tennis players, the list of 200 entrants includes players from Mammoth Lakes and Bishop, as well as those from Lancaster and Los Angeles.

sideline to the Victor Valley 40, and Albert Pinchem, running out of the other halfback spot, burst through a hole in the middle of the line on the next play. He was barely tripped up by the 'Rabbits safety man after gaining 25 yds. to the Victor Valley 15.

Three plays later, with the ball on the visitors' 10 yd. line, Drake passed to Pinchem for a touchdown. Once again, Bell booted the PAT which boosted the Burros lead to 14-0 with a minute left to play in the first quarter.

Stung by the two touchdowns rung up against them so quickly, the previously undefeated Victor Valley team used the remaining 60 sec. of the first quarter and the first 41/2 min. of the second period to get on the scoreboard with a 27 yd. field goal by Carlos Jones.

The Jackrabbits' kick-off return following the second TD by the Burros was stopped on the Victor Valley 22, but aided by 20 yds. in penalties called on Burroughs and a 6-yd. gain by Sean Shea, the visitors had a first down at midfield as the first quarter came to an end.

Key plays for the Jackrabbits that put the ball in position for the successful field goal from the 17 included a 13 yd. gain on a pass from Billy Robinson, quarterback, to Dino Garrett, an end, and a pass from Robinson to Ivery Walton, halfback, that was good for 25 yds. and a first down on the BHS 13.

The Burros' defense held, however, and the 'Rabbits settled for a field goal when quarterback Robinson, who was badly rushed, had to throw a third-down pass out of the end zone in order to avoid being (Continued on Page 7)

Half marathon to be run on local streets Oct. 13

The City of Ridgecrest Recreation Department, NWC Special Services Division, and the Over the Hill Track Club are jointly sponsoring the second annual Hi-Desert Half Marathon to be held on Saturday, Oct. 13.

The 13.1 mile course is flat, covering NWC and Ridgecrest streets in a double loop pattern, with three water stations.

On the day of the race, registration will begin at 8 a.m. at the NWC gym, and the run will begin at 9 a.m. on King Street. The entry fee is \$6, paid at time of entering this event

Custom T-shirts will be awarded to all finishers. Trophies and medals (by age groups) will be awarded for men and women. These will be provided by the City of Ridgecrest Recreation Department.

October 5, 1979

ROCKETEER

While fire prevention is a 52-week a year operation, Fire Prevention Week (Oct. 7-13) serves as a springboard for activities to remind everyone of how to prevent fires and what to do until the firefighters arrive.

water from the pumper trucks. Firefighters will be wearing their regulation protective clothing, including self-contained breathing apparatus. The function of this gear will also be described by Capt. Brown.

Children will be taught that if their clothing catches fire, they should drop to the ground and roll over to smother the flames. They will be advised about ways to keep their clothing from catching fire. Youngsters will also be given information to take home to parents about proper use and care of extension cords and other fire

Smokey the Bear will visit each of the kindergartens and nursery schools in the area; he'll be accompanied by a structural fire fighter and a forest fire fighter. The children will have the opportunity to examine a fire truck and each will receive a miniature fire fighter hat. The children will also see a short film and will hear brief talks

Final judging is now going on of posters

Fire Prevention Week observance slated Oct. 7-13 NAVAL WEAPONS CENTER FIRE DIVISION CHINA LAKE-CA

> READY TO ROLL - Capt. Larry Stensaas, Bud Malone, and Jim Ayers of the NWC Fire Division have the pumper ready to roar off to the Bennington Plaza for the demonstrations of fire fighting that will be seen by local school children during Fire Prevention Week. Skits and a movie will be shown in the Center theater to classes from throughout the Indian Wells Valley. -Photos by Ron Allen

drawn by children from kindergarten "Operation EDITH" (Exit Drills in the through third grade and of essays written by fourth through sixth graders. Poster contest participants drew pictures of a fire hazard, and essay contest participants wrote on the theme of Fire Prevention Week, "Partners in Fire Prevention."

Contest winners will be announced when the children either go to the Center theater with their school classes or when firefighters visit their classrooms.

The contest is being judged by members of the NWC Fire Division Women's Auxiliary, "Desert Flames."

A grand award of a \$25 savings bond will be given to the winners in each contest. The bonds are being donated by the Fire Division's Women's Auxiliary. **Open House Planned**

Learning about fire apparatus and fire prevention won't be limited to the children of the IWV. All local fire stations on the Center, in Ridgecrest, and in Inyokern will hold open house for all residents from 8 a.m. until 8 throughout the week.

At the fire stations, visitors will be given explanations about equipment and will be able to discuss any fire prevention problems they may have with on duty firefighters.

Again, there will be heavy emphasis on

Home).

Wednesday, Oct. 10, has been set as the day for each family to plan how family members should exit their homes in case of a home fire or a suspected home fire. Two exits should be selected for each room - a door, and perhaps one of the windows that could be used as an exit in an emergency.

Agree on Alarm System

Some way of sounding an alarm in the household in case of fire should also be discussed with all family members. This may be as simple as just shouting and pounding on room doors to alert each member of the household that there is an emergency, and that they should flee the house as quickly as possible.

One spot well clear of the house should be chosen where all family members can gather after they have fled the house so that they will be sure that all have escaped. The cardinal rule in fleeing a burning

building is "once out, stay out."

The importance of having a functioning smoke detector in each household is emphasized because over half of all home fires start at night. Most fire victims are asleep, unable to hear the sounds associated with a growing fire. Many are asphyxiated by fumes before they awake.

A good smoke detector should have a siren or buzzer loud enough to awaken all sleeping family members. It preferably should be battery-powered so that any failure of the electrical system will not cause it to malfunction.

Wrong telephone number listed for hunt applications

A typographical error in last Friday's issue of The ROCKETEER resulted in an incorrect telephone number being listed as the place to call by Centerites interested in obtaining information on applications for the chukar, quail and rabbit hunt scheduled Oct. 27-28 and Nov. 3-4 on portions of NWC's northern range area.

The correct number to call is NWC Ext. 3481 (ask for Natalie Harrison). The telephone number which was published is an office in the Fuze Department and, even though this had the effect of varying the office routine a bit on a Friday afternoon, the Code 33 employees who found themselves being queried for information regarding upland game hunting would prefer being dropped from the information loop on this matter.

The ROCKETEER staff regrets the error.

Center reluctantly schedules jackrabbit reduction program

Damage caused by jackrabbits to the China Lake golf course has reached serious proportions and could get worse if these prolific animals, which now abound in the local area, are allowed to continue their eating habits unchecked.

In looking for the most effective way to deal with the problem, the Naval Weapons Center has reviewed a wide range of alternatives and has consulted federal, state and county agencies in an effort to develop a workable and humane solution to what appears to be a cyclic problem.

Personnel consulted included wildlife management specialists at the U.S. Fish and Wildlife Service of the Department of the Interior, the California Department of Fish and Game, the California Department of Food and Agriculture, and the Kern County Department of Agriculture.

The consensus was to reduce the jackrabbit population by shooting as was done in December of last year, and also during January of 1976 and 1977.

In view of the previously successful jackrabbit reduction program, it has been reluctantly decided (with the concurrence of the California Department of Fish and Game) to conduct a controlled shooting program.

Designated members of the China Lake Police Division will conduct the program on Tuesday, Wednesday and Thursday, Oct. 9, 10, and 11, and also on Monday through Wednesday, Oct. 15 through 17, between the hours of 7 and 10 p.m. A California Department of Fish and Game Wildlife Management official will be present to monitor this activity.

All Centerites are asked to remain clear of the golf course during these times, and parents especially are urged to keep their youngsters away from that area.

To ensure that no health hazards develop as a result of the jackrabbit population reduction effort, the rabbits will be disposed of by burial.

Dr. Bennett . . .

(Continued from Page 1) weapons systems that could well be of overriding importance in the next decade.

While carrying on the time consuming process of new program development and the cultivation of new areas of support in Washington, D.C., Dr. Bennett has gained the increased respect of his professional peers by his continued publications and presentations of original research at scientific meetings.

During the period of more than 20 years spanned by his research work, some of Dr. Bennett's most significant contributions have been the development of unique instruments that have capabili duplicated in commercially available instruments. These instruments continue to provide critically needed optical data for NWC, other Department of Defense (DoD) agencies, industries performing work for DoD agencies, and universities.

As a result of Dr. Bennett's broad research experience, he is a recognized authority on light scattering from optical surfaces, precision reflectance measurements, and other areas relating to the performance of optical systems. He is consulted on an almost daily basis by fellow employees at NWC, those at other DoD laboratories, industrial laboratories and universities, and is invited to give lectures at frequent intervals.

Dr. Bennett's work has received worldwide recognition, and he has been an invited speaker at international conferences in France and England, as well as in the United States. In addition, he has been one of the directors of the Optical Society of America, has served on the U.S. National Committee of the International Commission for Optics, and is an associate editor of two optical journals.

EQUIPMENT CHECK - Firefighters Randy Barr and Paul Hupka of the China Lake Fire Division check the equipment carried in one of the ambulances that will be on display during Fire Prevention Week, Oct. 7-13, when all the Valley's fire stations will be holding open house. Valley residents are invited to visit Naval Weapons Center or Ridgecrest fire stations between 8 a.m. and 8 p.m. any day during the week and talk with firefighters on duty about fire prevention and the work of the fire fighting personnel.

Page Three

Page Four



Special events planned as part of **National Employ Handicapped Week**

President Jimmy Carter has proclaimed Oct. 7 through 13 as National Employ the Handicapped Week "to achieve a society in which handicapped people can participate

The Naval Weapons Center has an active program for employing the handicapped, and presently 106 Centerites are classified as handicapped.

Of this total, many are 10-point veterans and most were selected competitively for the jobs they hold. Some, however, are severely handicapped and qualified for employment under the Civil Service Commission's Selective Placement Program.

The Selective Placement Program offers special employment opportunities for persons who are capable of performing a Technology update

for technicians to be offered at NPG

A 40 hour course entitled NPG Technolgy Update for Technicians and Technical Personnel will be given at the Naval Postgraduate School in Monterey, Calif., from Nov. 5 through 9.

The Naval Weapons Center has reserved 10 spaces in the course which will be held on-campus at Monterey.

The course will be given in two parts with applications accepted for either Part 1 or 2 or both Parts 1 and 2. It is intended for military and civilian personnel who are interested in refreshing and updating their background in the subjects to be covered during the course.

Topics included in Part 1 will be microwave measurements, including lab work and demonstrations, and radar technology, including demonstrations of radar equipment.

Topics to be covered with the beginning of Part 2 on the third day of the course are lasers, fiber optics and infrared technology.

On the fourth and fifth days of this update for technicians and technical personnel, there will be an overview of integrated circuits that will include information on base-band signal processing techniques and digital integrated circuits, including microprocessors.

Employees interested in attending this course must submit training request and authorization forms via proper department channels in order to reach Code 094 no later than Oct. 12.

Schedule changes to mean better films at Center theater

A change for the better in scheduling of movies at the Center theater has been worked out, it was reported this week by Bob Huey, head of the Recreation Branch in the NWC Special Services Division.

Special Services will no longer accept some of the poorer choices of movies that are offered for presentation here. Instead, Huey said, movies that will have more popular appeal will be requested and will be retained for showing on two or three nights when it is possible to do so.

Attendance at the Center theater has been increasing, Huey added, noting that attendance during the month of August was double that for the same period in 1978.

Hoping to attract even more movie fans, the Special Services Division will resume the showing of motion pictures on Sunday evenings beginning on Oct. 7, and the starting time has been moved up to 7 o'clock

To avoid lines at the ticket booth, which will open at 6:30 p.m., movie goers may Weinhardt and Rogers also studied a purchase tokens in advance at the Com-Edmunson and Officer Billy Irby. Lt. Ed- commercial device that costs ap- munity Center Monday through Friday munson served as duty officer for the proximately the same as the capacitor, but during the normal working hours of 7:30

job but may be unable to compete for a position with others who are not disabled. All NWC personnel are invited by the Handicapped Employment Advisory Committee, which was formed this summer, to see an hour-long motion picture film which will be shown on Wednesday and Friday, Oct. 10 and 12.

"A Different Approach," which may be viewed in Conference Room 1000D in Michelson Lab at 10:30 a.m. on both days,

Capt. William B. Haff, NWC Commander, has joined President Carter in designating the week of Oct. 7-13 as Employ the Handicapped Week.

NWC, it was pointed out has a "proud heritage of meeting the Navy's everchanging demands in developing new systems to insure America's safety. This heritage is based upon NWC's most valuable resource - the abilities of its skilled and dedicated personnel." The Center Commander also took

note of the fact that "handicapped employees of NWC continually demonstrate that 'ability counts' and that given a fair chance they will do their job."

W.B. Half

uses broad comedy strokes to deal with the traditionally serious subject of employment of the handicapped.

The irreverent humor of the film, which is an Academy Award nominee, dispels myths and prejudices about the handicapped.

After the showing of the film a short discussion will be held. Supervisors will receive EEO credit and no pre-registration is required

The National Employ the Handicaped Week will be concluded by staging the 1979 Indian Wells Valley Health Fair in Ridgecrest Park on Saturday, Oct. 13, from noon to 4 p.m.

The purpose of the health fair is to raise the health consciousness of people and to encourage them to see doctors and other medical people.

FWP awards . . .

(Continued from Page 1) Technicians position award - nominees must have taken the initiative to increase their knowledge and skills by seeking developmental opportunities. They also must have demonstrated healthy wor

attitudes and habits, cooperation and reliability, as well as high productivity. In order to be considered for either the women's science and engineering award or

the women's technician position award, es must have been federal employees in either a military or civilian capacity for at least two years, and must be NWC employees at the time of their nomination.

To be considered for the FWP 1979 individual award, nominees must have contributed to the FWP by consistently providing time and services to support various programs. In addition, prospective awardees may have gone beyond the call of duty by spending off-duty hours to completa particular project, or may have helped . resolving program problems.

Both men or women, civilian or military, who have been employed or assigned to duty at NWC for at least a year (and are here at the time of their nomination) will be considered for the FWP 1979 individual award.

All departments will be considered for the FWP department award; however, additional support in the form of nominations is sought by the selection committée. Any Center employee, military man or woman, can submit data in support of a department he or she feels is deserving of the FWP department award.

HOOKUP - Bob Weinhardt attaches a capacitor to the starting winding of a small electric motor and will then measure the current needed to run the motor with a true-reading watt meter. This simple and inexpensive retrofit may save from 13 to 31 percent of the electricity used by cooler motors and other small motors around the Center. - Photo by Ron Allen

Use of capacitor-start motors has potential for major energy savings

If 13 to 31 percent of the electricity used by each of the Center's more than 6,000 split-phase or capacitor-start motors were saved, a major cut in the Center's electrical bill would result.

Bob Weinhardt, an electronics technician in Code 3262, and Fred Rogers, a physicist in Code 3191, are completing a study that indicates that by adding a capacitor to such motors, the motors may indeed use 13 to 31 percent less electricity for the same mechanical output and may run cooler as well Motors being considered for a retrofit are

Members of Police Explorer Post get special training

Three Explorer Scouts who are members of Police Explorer Post 811, sponsored by the Police Division at the Naval Weapons Center, recently attended police academies in Riverside, Calif.

William Willard, Post 811 Commander, completed the advanced academy, while Andre and Arron Myers completed the basic academy.

The academy is conducted at the Riverside Academy of Justice, an activity of the Riverside County Sheriff's office.

Academy subjects include laws of arrest, search and seizure, crime scene investigation, accident investigation, use of firearms, gang identification, pursuiti driving and public relations.

Besides police-oriented subjects, there are also classes given in English grammar, composition and punctuation, and health, and physical fitness. In order to graduate, a student was required to maintain a 70 percent overall grade average.

The students lived at the academy during the time this training was being offered. Officers from each participating agency assigned personnel to act as duty officers each night to oversee the academy students. The academy staff is formed from police officers who volunteer as instructors with the Riverside Academy of Justice.

The Explorer Scout Post advisors from the NWC Police Division are Lt. Arthur academy.

those used for evaporative coolers and other equipment that runs from 12 to 18 hours a

The same addition made to home evaporative cooler motors would result in equally dramatic saving to home owners. Information may be released at a later date when the study is completed to enable local home owners to make such conversions.

The retrofit consists of connecting a capacitor to the starting winding that usually operates only when a motor is started; the capacitor then sends some current through that winding to make the motor operate like a 2-phase motor.

Most motors will not have to be removed from their mounts or torn apart to have a capacitor added. In most instances an electrician could attach the capacitor within 10 minutes. Cost of the retrofit would be the price of the capacitor (probably \$12 to \$15 when bought in quantity), and the time of the electrician who installs the device.

Not New Idea

Weinhardt emphasizes that this is not a new idea. Such a retrofit has not been studied intensively earlier because it was not deemed to be economically feasible too much expense for too little return but with the increased shortage of energy and the increased cost of electricity, the cost-to-saving ratio looked worthwhile enough for a study to be launched.

In order to measure the true power consumption of the motors studied, it was necessary to have a true-reading watt meter. Jim Rieger, an electronics engineer in Code 6243, assisted in building such a device for this study that takes into account the phase angle shift of the power in the motors studied.

The retrofit is applicable to most motors up to 1 horsepower; most larger motors are 3-phase motors and already fairly efficient. The most prevalent motor on the Center, however, is the small split-phase motor. Retrofits of motors for power tools or other equipment that runs just a few hours each week would probably not be economically justified, according to Weinhardt.

it did not appear to result in equal savings. a.m. to 4:30 p.m.

October 5, 1979

Happenings around NWC

Members of the local chapter of Federally Employed Women (FEW) will hold a brown bag lunch meeting next Thursday, Oct. 11, at the Sidewinder Room of the Community Center. Guest speaker will be Polly Walsh, director of the Employee Services Board Child Care Center.

Mrs. Walsh will talk about the program of the Child Care Center, its financing, and regulations regarding the care of the children. She will answer questions from the audience.

All NWC employees and Indian Wells Valley residents are welcome to attend.

Yardage Sale Slated

Budget-wise housewives who make the family's clothes have a chance to save additional money by getting their fabrics from Stan the Yardageman.

Stan is sponsored by the Desert Flowers Chapter No. 125 of the Navy Wives Club of America. The sale will be held at the American Legion Hall, 641 Inyokern Road, Ridgecrest, on Wednesday, Oct. 10, from 11 a.m. until 7 in the evening and on Thursday, Oct. 11, from 8:30 a.m. until 2:30 in the afternoon.

Profits from the yardage sales go to charity.

Blue Cross Reps To Visit

A mobile service center operated by Blue Cross / Blue Shield will visit the Naval Weapons Center on Tuesday and Wednesday, Oct. 16 and 17.

On these two days, field representatives of Blue Cross / Blue Shield can be contacted by medical insurance plan enrollees between the hours of 10 a.m. and 3 p.m. in their van, which will be parked in the Community Center parking lot.

The Blue Cross field representatives will be here to assist with problems or to answer questions about health insurance coverage.

AFGE Meeting Set Mon.

The next monthly meeting of the American Federation of Government Employees, Local No. 1781, will be held on Monday, starting at 7 p.m., at 65-B Halsey

Local 1781 is the exclusive representative of a unit composed of those non-supervisory civilian employees of the Safety and Security Department's Police Division, who are located at China Lake.

Barbershop Hours Change

New hours of operation are now in effect at the Navy Exchange barbershop, which is located in the Armitage Airfield passenger terminal building.

At the present time, the NEX barbershop

is open on Mondays, Tuesdays and Wednesday from 8 to 11:30 a.m. Appointments can be made by calling NWC Ext. 5246. **Commissary Opens Tomorrow**

Contrary to a bit of misinformation that is making the rounds, the Commissary Store at China Lake will be open tomorrow during its regular hours of operation on a Saturday - from 8:30 a.m. until 4:30 p.m.

The Commissary Store will be closed on Sunday and Monday - reopening on its regular schedule on Tuesday.

NEX Personalized Services Ctr. slates

Navy birthday sale

In recognition of the Navy's 204th birthday, which will be celebrated on Saturday, Oct. 13, the Navy Exchange has made plans for a Navy birthday sale that will be held at the NEX Personalized Services Center, located at the NEX service station on Richmond Rd.

During the period from Wednesday, Oct. 10, through Saturday, Oct. 13, there will be a 20 percent reduction in the regular price of both services and merchandise available at the Personalized Services Center.

According to Lt. Robert J. Boyd, Navy Exchange officer, the Personalized Services Center is being featured at this time because it is one of the least known of the **NEX** facilities

At the Personalized Services Center, NEX patrons can drop off film to be developed; rent television sets or carpet cleaning equipment; make use of such services as laundry, dry cleaning and tailoring; arrange for camera, watch and shoe repairs; order eye glasses; and purchase various gift items ranging from jewelry, bracelets and key rings to posters, statues and novelties.

Telegraph orders for flower delivery service outside the local area also are handled at the Personalized Services Center

In addition to the above, there will be a special Navy birthday sale on Saturday, Oct. 13, at the NEX Retail Store. Reduced price items will be on sale in many of the departments in the Retail Store, and there also will be another of the popular sidewalk

Looking ahead to the end of the month, Lt. Boyd also noted that the NEX Retail Store is the place to pick up Halloween candy and party favors.

NWC

SETTING EXAMPLE - Dan Butler (at left) and Ted Edwards, co-chairmen of a permanent anti-litter campaign at the Naval Weapons Center, demonstrate that a little effort by everyone will make the difference over the long haul in ridding the Center of unsightly accumulations of trash. - Photo by Ron Allen

NWC launches anti-litter drive; seeks city, school dist. support

Two Centerites this week were appointed China Lake.

The Command's choice for this assignment were Dan Butler, associate head of staff in the Engineering Department, who is technician in the Electrical Branch of the Public Works Department.

Edwards, a former mayor of the City of Ridgecrest, directed highly successful community clean-up programs in paign Ridgecrest before being elected to the office of mayor. The City of Ridgecrest won field that were directed by Edwards in his role as chairman of the Ridgecrest Improvement Committee.

Both Butler and Edwards are looking for input from individuals on the Naval Weapons Center regarding how to proceed in conducting a successful anti-litter campaign at China Lake.

In concurrence with the Command, they will develop a plan of their own aimed at total involvement in this effort. One of the first steps will be a meeting next Thursday morning, Oct. 11, with members of the Department Staff Assistance Council, who are expected to play a significant part in the anti-litter campaign along with the cochairmen.

Deadline is Thursday to sign up for CLEP tests

Deadline for applying for the next series of College Level Examination Program (CLEP) tests is Thursday, Oct. 11. These tests will be administered at Cerro Coso Community College the week of Nov. 5-9. Two types of examinations are offered: the General Examination that measures achievement in five basic areas of liberal arts, and subject examinations that measure knowledge in specific introductory college courses in particular fields.

College through credit by examination, including CLEP.

Cost of the examination is \$20 for each test. Reservations to take the exam may be Coso College.

Emphasis of the cleanup drive will be by the Command to spearhead a per- community wide. Letters seeking support of manent, on-going anti-litter campaign at this activity have been sent by the Command to the Ridgecrest City Council and also to the Board of Education of the Sierra Sands Unified School District.

The letters from Capt. William B. Haff, the Michelson Laboratory coordinator, and NWC Commander, stated (in part): "It Ted Edwards, an electrical engineering goes without saying that we all have pride in our respective communities. One way to maintain this community pride is an ongoing effort to spruce up our communities and create a meaningful anti-litter cam-

"We have been and will continue to be good neighbors," Capt Haff wrote in statewide recognition for its efforts in this reference to the Naval Weapons Center. "An effort to maintain our good neighbor policy will certainly be enhanced by the creation of a continuous anti-litter awareness program involving all of us."

> School Visitation Program supports NWC recruiting A School Visitation Program is now in by government employment, and that they

ments by providing information about make everyone aware of federal employment to college and high school students and faculty members.

Men and women from the Center representing a wide variety of career fields have visited various college and university campuses about two weeks in advance of the NWC professional recruiters.

During these visits they contact the placement office at the school, the school administrators, the engineering department, professors, student professional organizations, and any other interested groups and individuals to provide information about job opportunities for permanent and summer employment and the cooperative education program.

When the recruiters then arrive on a Students can earn up to 30 semester units campus, those who are interested in a of credit toward graduation at Cerro Coso government career are better prepared to discuss possible employment at NWC.

The School Visitation Program is the brainchild of Joe Lopez, Hispanic Employment Program Coordinator for the made at the Counseling Center at Cerro Center. He believed that many students did also visited by 15 NWC employees.

operation that not only supports the Naval did not know where NWC was located or the Weapons Center's recruitment program, variety of work available. He also believed but also aids other government establish- that it is a function of the EEO office to opportunities.

When the program began in 1978, the initial effort was to go to four-year colleges and universities, primarily those having engineering schools. Seven NWC personnel have gone to 13 such colleges and universities in the past year ranging from the State of Washington to the north to New Mexico in the east.

Logically, these visits then led to eleven NWC representatives from the School Visitation Program attending job fairs because many of these are held on college campuses. During the past year, volunteers from the program went to four such college fairs as well as one fair that was held at a Hilton Hotel.

Since many summer and regular job opportunities exist at NWC for those just graduating from high school or those who are attending a junior college or community college, nine high schools and nine junior colleges in Fresno, Bakersfield, Los Angeles, San Bernardino, Riverside, Trona, 3445, or Joe Lopez, NWC Ext. 2738. Those Bishop, Independence, and Ridgecrest were. who wish to be considered to take part may

not know what advantages could be offered Experience indicates that many of the

students who work for the Center on summer jobs then will return when they have completed their college course work.

At the high schools and junior colleges the information presented included what j opportunities exist for engineers and scientists. Those actually working for a research and development establishment can serve as excellent role models for the young people who might be interested in a professional career.

Ravindra Jain, who is the present coordinator of the program (he was preceded by Charlotte Paulsen and George Ramirez), is seeking volunteers who will be willing to serve in the school visitation program.

Current volunteers come from throughout the Center's work force, ranging in grades GS-4 through GS-14. Men and women volunteering need to be able to make formal and informal presentations about China Lake and government employment. They will receive about eight hours of training after selection before they are sent on any assignment to provide them with the information that they will need.

Anyone who wishes further information may telephone Ravindra Jain, NWC Ext. telephone Ava McClendon at the EEO office, NWC Ext. 2348 or 2738.