Page Eight

Code 51 Christmas Party To Be Held Dec. 6 at Elks Club

The Elks Club in Ridgecrest will be the setting for a Christmas party that will be held for the employees of the Systems Development Department and their guests on the evening of Friday, Dec. 6.

A buffet-type meal, featuring ham, pastrami, roast beef, cheeses, assorted salads and rolls, will be provided, and there will be entertainment aplenty, in addition to dancing to music provided by The Caravan, a local combo.

Tickets, priced at \$3 per person, can be obtained from division secretaries in Code

Linda Adams, chairwoman of the party committee, is being assisted by Gerald Stevens, who is responsible for the food; Pamela Gulick, in charge of decorations; Jack Thornberry, publicity chairman, and Phil Arnold, who is lining up the entertainment.

In the latter category there will be skits based on the activities of some fictitious department personnel, including Captain Lab and Natt Zippenberg, music by a "blue grass" band composed of Ken Breedlove and Leonard Lebow; a rubber duck baton routine by Terry Paulsen, and a chorus line led by Marilyn Williams.

Health Insurance Plan Open Season Is Now Under Way

On work days during the next two weeks (through Friday, Nov. 29), Civil Service employees at the Naval Weapons Center will have the opportunity to join the Federal Employees' Health Benefits Program or, if already a member of a health insurance plan, to change from one plan or option to another.

During this Federal Employees' Health Benefits Program open season, it also is possible for an employee to have his coverage revised from self only to cover eligible members of his family as well.

Those wishing to enroll or make other changes in their health insurance coverage should contact the personnel clerk for their department.

New enrollments and changes in current enrollments that are made between now and Nov. 30 will become effective on Jan. 5, 1975.



"GIRLS, GIRLS, GIRLS" — Male singers from the men's chorus of the Indian Wells Valley Chapter of the Society for the Preservation and Encouragement of Barbershop Quartet Singing in America back up a quartet of women from the China Lake Chapter of Sweet Adelines during rehearsals for a show sponsored by the two organizations. The program will be held on Saturday, Nov. 23, in the Burroughs Lecture Center, The women shown above are (I.-r.): Jan Arisman, Nicki Haven, Eleanor Hartwig and Kathy Armstrong. -Photo by Ron Allen

Charity Songfest Set Nov. 23 By Sweet Adelines, Barbershoppers

combined Sweet Adeline and barbershopper show set for Saturday, Nov. 23, at the Burroughs High School Lecture Center.

Members of the China Lake Chapter of the Sweet Adelines, Inc., and the Indian Wells Valley Chapter of the Society for the Preservation and Encouragement of Barbershop Quartet Singing in America vocal renditions dedicated to girls. (S.P.E.B.S.Q.S.A.) will present a number of songs written for the fair sex. The two local groups will be joined by two out of town quartets-a men's group called "The Summer Sounds," from Simi Valley, and "The Sounds of Harmony," a woman's Sweetness Down Among the Sugar Cane," quartet from Pomona.

In addition, "The Medallions," and "The Next Quartet," two local barbershop quartets, will be on hand to provide entertainment.

Admission is \$2.50 for adults and \$1.25 for children and military enlisted personnel. According to show chairmen Jerry Zaharias and Felice Reynolds, proceeds from the event will go to the men's favorite charity-

"Girls, Girls, Girls" is the theme for a Logopedics-and the women will donate their proceeds to the Cystic Fibrosis Foundation

One of the other local men's groups, "The Summer Sounds," is planning to sing such old favorites as "I'll Take You Home Again, Kathleen," and "Honeybun." The two outof-town groups are also going to be heard in

The men's chorus plans to sing "Ten Girls Ago," "Ring to the Name of Rosie," and a medley consisting of "Peggy O'Neil," "Margie," "Dear Old Gal," "Mandy Lee," "My Gal Sal," "Jean," "Walking With My and others.

The women's chorus has scheduled "Sing-Make Your Own Kind of Music," "I'll Take Care of Your Cares," "Everybody Loves a Lover," "Put Your Hand in the Hand," and more.

The men and women will combine on "Lida Rose" and "Dream of Now," from "Music Man."

'Waiting for Godot' To Open Tonight At **College Lecture Hall**

Samuel Beckett's "Waiting for Godot" will be presented tonight and tomorrow night, and again on Nov. 22 and 23 by the Theatre 27 drama class at Cerro Coso Community College.

The curtain will rise at 8:15 at the Cerro

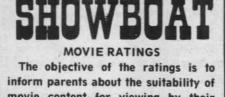
Appearing in this well-known tragicomedy will be Herb Childers, as Vladimir; Nick De Bonis, as Estragon; Curtis Barker, as Lucky; Jerry Maxwell, in the role of Pozzo, and Randy Peck, as the

The show is directed by Florence Green. assisted by Paula Beasley. Sherry Brubaker is the student technical director.

"We are each of us waiting for Godot, and shall continue to wait," said Mrs. Green. "When the scenery of our lives gets too drab and the action gets too slow, we'll call each other names and swear to part forever, but, just as the characters Beckett has created know, there is no place to go," she added.

Tickets, priced at \$2 for general admission and \$1 for Cerro Coso students who have a student body card, are available at the Gift Mart in Ridgecrest, the Station Pharmacy, or the college book store. They will also be on sale at the box office on performance nights.

November 15, 1974



movie content for viewing by their children. (G) - ALL AGES ADMITTED General Audiences

(PG) - ALL AGES ADMITTED **Parental Guidance Suggested** (R) - RESTRICTED Under 17 requires accompanying

Parentor Adult Guardian CS - Cinemascope

STD - Standard Movie Screen Regular starting time-7:30 p.m. Matinee-1p.m.

15 NOV. 'THE NEW CENTURIONS" (105 Min.)

George C. Scott, Stacy Keach (Action Drama) The story of several police rookies on the streets of Los Angeles during their first patrols. George C. Scott is the old veteran who teaches them a few things about law enforcement-not all of which are in the police manual. (R) SAT. 16 NOV

-FAMILY MATINEE-"EARTH II" (98 Min.) Gary Lockwood, Tony Franciosa

-EVENING-

"THE MAGNIFICENT SEVEN RIDE" (100 Min.) Lee Van Cleef, Stefanie Powers (Western) After his wife is kidnapped, raped and murdered, Lee Van Cleef has an understandable yen for swift justice, and this time there is no need to take the law into his own hands -because he is the law. Van Cleef must revive the magnificient seven by springing them from prison. Each has his own particular murderous skill to contribute, and all are willing to help Van Cleef in order to earn their pardon. Violence may

offend some. (PG) SUN .- MON 17-18 NOV "MACON COUNTY LINE" (88 Min.)

Alan Vint, Cheryl Waters

(Action-Drama) This is a "true story," set in 1954. Brothers Alan and Jesse Vint escape from a small town in Louisiana. On the road, they pick up Cheryl Waters-a teenaged waitress. The three stop at Geoffrey Lewis' Georgia garage for repairs and Sheriff Max Baer tells them to move on. Thieves Timothy Scott and James Gammon rape and kill the sheriff's wife, while Alan and Cheryl make love in a huge water barrel and Jesse sleeps. Thinking the three are the killers, Baer pursues them. Deputy Sam Gilman arrives too late with the news that the real killers have been caught. TUES .- WED. 19-20 Nov

"THE DESTRUCTORS" (90 Min.)

Michael Caine, Anthony Quinn (Action Drama) In Paris, tough Anthony Quinn heads a branch of the U.S. Drug Enforcement Administration. Businessman James Mason is responsible for much of the drug trade and his men kill one of the agents, who happened to be the husband of Quinn's mistress, Alexandra Stewart. Hit man, Michael Caine, an old friend of Quinn, befriends Mason's beloved daughter, Maureer Kerwin, and then performs an assassination on Mason's orders. Betrayed by Mason and lieutenant Marcel Bozzufi, Caine joins up with Quinn for a showdown in Marseille. During a payoff, the crooked Ronet and Bozzufi are killed. Mason escapes as Caine dies at a charity ball sponsored by Mason. (PG)

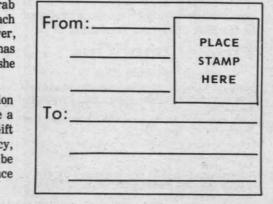
THURS.-FRI 21-22 NOV. "THE PYX" (95 Min.)

Karen Black, Christopher Plummer

(Drama) Karen Black is a prostitute who plummets to her death from a penthouse in Montreal. Clutched in her hand is a pyx, the religious vessel used for administering the last rites. Christopher Plummer, a city detective discovers that a prostitute must expect the bizarre in her work, but even Elizabeth was wary when the mysterious man came into her life. Before he can delve more into the case, the madam and her girls are ritualistically slain. (R)

CPR Class Scheduled

Local residents certified in cardiopulmonary resuscitation may become CPR instructors by completing an instructor training class to be held Saturday, Nov. 23. Those interested should contact Dr. Carl Heller, Red Cross first aid instructortrainer, by calling, 446-6237.



Coso Lecture Hall. boy.

"NOTHING TO DO" - Nick De Bonis, who portrays Estragon in the play "Waiting for Godot," has found something to occupy his time-removing his shoes. The play, which opens a four-performance run tonight at the Cerro Coso Lecture Hall, is written by Samuel Beckett around the theme of "nothing to do," and how people spend their time "waiting for Godot." Curtain time is 8:15 p.m. Tickets are available at the Gift Mart in Ridgecrest, the Station Pharmacy on the Center, or from the college bookstore. They also can be purchased at the door on performance nights.

Nov. 15, 1974

Vol. XXIX No. 45

nwc rocketeer

Naval Weapons Center China Lake California

LARGE-SIZE GONDOLA - In order to carry four persons, together with the maze of scientific equipment necessary, the Project da Vinci flight required the largesize gondola shown above. The gondola was designed and built by the Grumman Aircraft Corp. Inside doing some preparatory work for the flight are (from left) Jimmie Craig, the pilot; Dr. Rudolf J. Engelmann, the on-board scientist, and Otis Imboden, photographer. On the ground can be seen Keith Smith, director of the Sandia Laboratories' engineering effort, and (back to camera) Richard Keuser, the launch director from the company (Universal Systems of Sioux Falls, S.D.) that manufactured the huge balloon. At right rear is the platform used by Dr. Engelmann to carry out nearly two dozen experiments, while just in front of it is a circular-shaped acoustic sounder. The landing pads are of the same kind that have been used on lunar landing craft.

Expert Balloonist From Center Pilots Project da Vinci Flight

ground on Nov. 2.

The postponements were due to weather conditions on the intervening weekends, Jimmie Craig, an NWC employee who was the pilot on the balloon flight, reported upon returning to China Lake this past week.

over the Whites Sands Missile Range, the range area would not be in operation, Craig

Four on Balloon Flight

Craig, pilot of the balloon, is program manager of the Surface Missiles Department's Swimmer Weapons Program. He was accompanied on what turned out to be the short-lived first Project da Vinci balloon flight by Vera Simons, as co-pilot; Dr. Rudolf J. Engelmann, the on-board scientist, and Otis Imboden, the official photographer.

Originally intended for an early morning launching from the municipal airport at Las Cruces, N.M., the actual take-off had to be postponed until 8:40 p.m. on Saturday, Nov. 2. Then, instead of floating aloft for 36 hours and traveling almost to Lubbock, Tex., because of converging weather systems it was necessary to set down near the tiny town of Wagon Mount, N.M., which was 306 miles from the balloon flight's point of

Despite the necessity to cut the flight time report that based on its scientific purposes, Project da Vinci was an unqualified success. Purpose of the flight was to determine

origin.

Project da Vinci, a manned balloon flight what happens inside a body of air as it that had first been scheduled on the moves over the countryside. The intent was weekend of Oct. 12-13, finally got off the to float free at altitudes between 4,000 and 14,000 ft. above sea level, and remain with a single air parcel as long as possible while multiple, related measurements were taken of such things as temperature, humidity, air (Continued on Page 4)

Between now and the Thanksgiving Day

returning to China Lake this past week. Since the route of the balloon flight took it ETR2 Barry Herring Singled Out flight was restricted to weekends when the As NWC's 'Bluejacket of Month' noted. Although there were many weekdays Electronic Technician Second Class Barry November Bluejacket will be given the keys

during the period between Oct. 12 and Nov. 2 M. Herring, maintenance supervisor of the to a new Ford automobile from Desert that would have been ideal for the flight, it Digital Subscriber Terminal Equipment in Motors, in Ridgecrest, to use on the weekend had to be delayed because of this factor. the Communcations Center, has been trip. selected Bluejacket of the Month for November.

The 11 year Navy veteran was chosen on the basis of his outstanding military bearing, proficiency on the job, devotion to duty, and exemplary behavior.

His division officer, Lt. R. F. Nielsen, in recommending ETR2 Herring for the monthly honor, stated, in part: "PO2 Herring is constantly striving for efficiency and enrichment of jobs for subordinates, self, and service. Through his electronic expertise and military demeanor, a viable and ready Communications Center has been achieved at NWC that enhances the 'can do spirit' of the U.S. Navy. . . . His outstanding leadership, and the training of his subordinates, has helped that center meet and surpass its goal of service to the command and attached activities . . ."

As a result of his selection, the Weaverville, N. Car., native will receive an allback from the intended 36 hours to just a . expenses-paid holiday in Bakersfield as a little more than 12 hours, Craig was happy to guest of the Greater Chamber of Commerce in that city. While there he will receive room and meals from the Bakersfield Inn.

Prior to leaving the local area, the

Ass't Sec/Nav for R&D **Pays Visit to Center**

The Honorable H. Tyler Marcy, Assistant Secretary of the Navy for Research and Development, vistited the Naval Weapons Center last week for 21/2 days of concentrated briefings on weapons programs and a first-hand examination of the varied laboratories and other facilities that are being utilized for a wide range of research, development and test activities at China Lake.

The Honorable Mr. Marcy was accompanied by a former Center Commander, Vice Admiral W. J. Moran, who is now serving as Director of Research, Development, Test and Evaluation in the Office of the Chief of Naval Operations. Also in the party of distinguished visitors was Rear Admiral C. P. Ekas, Jr.,

Deputy Chief of Naval Material for Development from the CNM Office. The 21/2-day visit permitted the Assistant Sec / Nav for Research and Development to be briefed by department heads or their representatives from each of the Center's technical departments.

In addition to a welcome and introductory remarks by Rear Admiral R. G. Freeman III, NWC Commander, a series of discussions about classified hardware was lead off with a commentary presented by Leroy Riggs, Deputy Technical Director. The first day's program was concluded by a dinner at the Commissioned Officers' Mess.

Among highlights of the second day's meetings was a presentation by Dr. G. L. Hollingsworth entitled "Future Emphasis and Direction."

Prior to leaving last Thursday morning, the Honorable Mr. Marcy had the opportunity to address a meeting of the Naval Weapons Center's Ad Hoc Advisory Group, which is headed by Dr. James H. Wakelin, Jr., a management consultant from the Research Analysis Corp. in McLean, Va.

For photo coverage of the visit by the Assistant Sec / Nav for Research and Development see Page 3 of this issue of The ROCKETEER.

CFC Gaining Momentum After Slow Start; Extended to Nov. 27

The 1975 Combined Federal Campaign on board the Naval Weapons Center got off to a slow start, but is now gathering momentum with each passing day, Harry Parode, chairman of this "once for all" fund-raising effort, reported this week.

Because he and the CFC representatives for the various departments and divisions on the Center feel that, given more time, the goal of \$100,000 can be reached, the decision has been made to extend the campaign to Wednesday, Nov. 27.

When ETR2 Herring joined the Navy

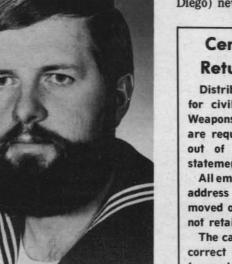
(Continued on Page 5)

holiday on Nov. 28, Parode and his coworkers in the CFC fund drive are hopeful that Center employees and military personnel will take time to reflect on the many blessings they enjoy-when compared with less fortunate individuals who will be the beneficiaries of their contributions to the CFC-and then take the humanitarian action necessary to do their part in alleviating such needs

Even though just 12 per cent of the total number of potential contributors at NWC have returned their pledge cards or gifts, their generosity has resulted in more than 25 per cent of the campaign goal being reached. The average contribution to the CFC, at this point, is \$48 spread out over the coming year, Parode noted.

The campaign chairman had special words of praise for the CFC representatives from the Fuze Department (Joan Chartier) and the Test and Evaluation Department (Larry Manning), whose departments are leading the CFC tally.

In contrast to the low rate of participation thus far at the Naval Weapons Center in the 1975 Combined Federal Campaign, Parode called attention to a report published in the Naval Electronics Laboratory Center (San Diego) newspaper. The NELC publication (Continued on Page 7)



f une l'accarde ETR2 Barry M. Herring

Centerites Asked To Return Address Cards

Distributed with today's paychecks for civilian employees of the Naval Weapons Center are address cards that are required to facilitate the mailing out of 1974 W-2s (withholding tax statements).

All employees are asked to fill out the address card, whether they have moved or not, as address records are not retained from prior years.

The card is to be completed with the correct mailing address and then forwarded to the Naval Weapons Center Payroll Office, Code 1764, in order for it to be received by Dec. 4.

Page Two

ROCKETEER

November 15, 1974

Schedule of Summer **Employment Exams** Announced by CSC

Office.

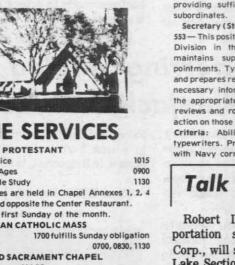
Students who by-passed the summer examination last year on the basis of the overall grade point average must reapply this year on the basis of their current overall

Application forms for both the written examination and grade-point average bypass may be obtained from the receptionist at the NWC Personnel Department.

apply.

grade point average, or they must submit an application to take the examination.

(Continued from Page 2) stows, counts, issues and assembles supplies of all types in accordance with established supply systems, procedures and methods. File applications for the above with Claire Lewis, Bldg. 34, Rm. 212, Ph. 2371. Deputy Director, GS-340-15 - Duty station; Detroit, Mich. For additional information call Betty Geiser, Ph. Administrative Support Services Officer, GS-301-14 -Located at Defense Attache Office, Saigon. For additional information call Betty Geiser, Ph. 2657.



Daily except			1133			
First Friday only				1135,	1635	
	CONF	ESSION	S			
Saturday				1545 to	1645	
Sunday				0800 to	0825	
	CCD	CLASSE	s			
Sunday	Kindergarten		1015			
Wednesday	Seventh and 8th grades				1900	
R	ELIGIOUS ED	UCATIO	N CLASSE	ES		
Sunday	Kindergarten thru 6th grades				1015	
	Pre-school				1130	
Wednesday	First thru sixth				1530	
	seventh	& eighth			1900	
		r High)				
Above class	ses are held in	Chapel	Annexes	across	from	
Center Res	taurant.					
As announce	ed	Ninth thru 12th grades				
		"In Home" Discussion Groups				
			Monthly	Youth Ra	allies	

Tuesday, 11:30 a.m. Contact Chaplain's Office for specifics. JEWISH SERVICES EAST WING - ALL FAITH CHAPEL wise identified. Printed weekly with appropriated funds by Friday 1st and 3rd ONLY - (Sept.-May) Sabbath Schoo UNITARIANS

CHAPEL ANNEX 95 Services - (Sept.-May) PROMOTIONAL OPPORTUNITIES

and document control procedure

Bidg. 24, Rm. 204, Ph. 2925.

accurately.

34, Rm. 208, Ph. 2577.

File applications for the above with Carol Downard

Clerk-Typist, GS-322-3, PD No. 743063, Code 5334 - This

position is located in the Descriptive Cataloging Branch,

Library Division, Technical Information Department. The

incumbent types 3 by 5-in. slips containing cataloging in-

formation; files cards; and maintains (insertion

corrections, etc.) catalogs and reports. Job Relevant

Criteria: Ability to perform tasks accurately and

thoroughly. Ability to follow oral and written in

structions/guidelines. Ability to type proficiently and

File applications for the above with June Adams, Bldg.

Electronics Engineer, GS-855-9/ 11 or 12, PD No. 7340172,

Code 4053 - This position is located in the Infrared

Weapons Systems Branch. Incumbent will perform the

necessary digital and analog circuit and systems designs

and digital computer programming to implement area

correlation and digital image processing systems for

Criteria: Experience in area correlation. Experience in

d'gital image processing techniques. Experience in digital

computer simulations. Ability to communicate effective.

Ability to design analog / digital 1-0 interface circuitry.

Code 4095 - This position is located in the Systems In-

tegration and Evaluation Branch of the Weapons

duties will be in the integration of test hardware and

systems with test aircraft fittings and systems. Job

Relevant Criteria: Aircraft avionic system experience. In

stallation and check-out of new avionics equipment. Ex

perience on digital computers, inertial navigation sets and

doppler and forward looking radar. Must have a minimum

of four years experience in aircraft / system integration. A

minimum of one year must have been with A7 or A6 air-

File applications for above with Charlotte Sieckowski

No. 7360008. Code 6002 - This position is located at the staff

office of the Research Department. Incumbent transcribes

chnical reports, technical correspondence, laboratory

notes, etc., from machine records or tapes. Incumbent is

responsible for the department filing system. Also serves

as custody control point for the department. Incumben

reads and routes mail for the department. Job Relevant

Criteria: Knowledge of DOD, SECNAV, and NWC filing

procedures. Ability to use dictating machines. Knowledge

Electronic Engineer, GS-855-11 / 12, PD No. 7431113,

Code 3123 - This position is located in the Improved

Missile Branch, Surface Weapons Division, Surface Missile

Department. The incumbent develops RF seeker systems

works with contractors and other government agencies on

missile system development. Will be responsible for

optimum modulation and signal processing techniques.

Job Relevant Criteria: Experience with RF seekers.

Accounting Technician, GS-525-6/7, PD No. 7417057

Code 1761 - This position is head, Billing and Fund Contro

Section, General Accounting Branch, Accounting and

Disbursing Division, Central Staff. The section maintains

customer order and fund order ledgers and prepares

vouchers for transfers between appropriations and / or

funds. Consolidates information and prepares reports to on

and off-Center activities about incoming funds. Job

Relevant Criteria: Knowledge of NIF Accounting Systems.

Knowledge of customer order and funding order ledgers

File applications for above with Tina Lowe, Ph. 2723,

Clerk-Typist, GS-322-3, PD No. 7425033N, Code 2594 -

This position is located in the Shipping Section of the

typing, personal interviews, inspection of outgoing and

replaces the Supply Clerk (Typing) GS-2005-3 position

advertised on 8 November, Applicants for this position

need not reapply. Job Relevant Criteria: Ability to meet

and deal with the public; ability to express self verbally

and in writing; ability to work rapidly and accurately.

Performs a number of tasks in connection with the physical

receipt, storage or issue of supplies. Receives, checks,

(Continued on Page 7)

Warehouseman, WG-6907-6m, JD No. 369, Code 25913 -

ing shipments of personal property and maintenance

Traffic Branch in the Supply Department. The incumbent

is responsible for the performance of clerical functions

of files relating to personal property. This advertisem

Ability to communicate clearly and concisely

Bidg. 34, Rm. 206

Ability to coordinate seeker tests. Ability to communica

system analysis of active radar seekers to determine

and is responsible for testing the systems. Incumber

Clerk (dictating machine transcriber), GS-301-3 / 4, PD

Bidg. 24, Rm. 204, Ph. 3118.

of custody control procedures.

ent Department. The incumbent's primary

Electronics Engineer, GS-855-11/12, PD No. 7440150,

laboratory, field, and flight evaluation. Job Relevant

Unless otherwise specified in the ad, application or positions listed in this column will be accepted rom current NWC employees and should be filed with the person named in the ad. All others desiring mployment with the Naval Weapons Center may contact the Employment-Wage and Classification Division, Code 652, Ext. 2069. Ads will run for one week and will close at 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ad. Employees whose work history has not been brought up to date within the last six months are encouraged to file a Form 171 or 172 in their personnel jacket. Information conerning the Merit Promotion Program and the evaluation methods used in these promotional opportunities may be obtained from your Personnel Aanagement Advisor (Code 656 or 657). Advertising positions in the Promotional Opportunities column does not preclude the use of alternate recruiting sources in filling these positions. As part of the rating process, a supervisory appraisal will be sent to the current supervisor and the most recent previous upervisor of those applicants rated as basically qualified. The Naval Weapons Center is an equal opportunity employer and selection shall be made without discrimination for any nonmerit reason. The minimum gualification requirements for all GS positions are defined in CSC Handbook X-118, while hose for all WG, WL and WS positions are defined in CSC Handbook X-118C.

Assistant Technology Administrator, GS-1301-13, PD No. 7445119, Code 4505 - The incumbent reviews selected propulsion projects in terms of technical progress. allocates and monitors project assignments; provides and monitors funding to cognizant organizational groups; prepares and monitors contract procurement documents and contracts: establishes a yearly time schedule for the preparation of recurring documents and information. Incumbent also conducts special studies and writes reports. Job Relevant Criteria: Expertise in one or more of the sub-technology areas of propulstion. Experience in or / and ability to administer (manage and monitor) fiscal information Experience in or / and ability to analyze and inspect technical documents, or insure they meet technical and fiscal requireme

Supervisory Chemist, GS-1320-12 / 13, PD No. 7445120, Code 4547 - The incumbent will be head of the Explosives and Propellants Formulation Branch. Duties/respon sibilities include: Management and administration of the branch and the assigned personnel technical evaluation of branch projects; presentations and liaison activities with sponsors; and initiation of new projects. Job Relevant Criteria: Thorough knowledge of the formulation of explosives and propellants. Ability to administer/service numerous projects and various personnel. Ability to effectively communicate orally and in writing.

File applications for the above with Mary Morrison, Code 657, Rm. 210, Ph. 2393.

Secretary GS-318-06, PD No. 7470026, Code 70 - The incumbent is secretary to the Public Works Officer and Assistant Public Works Officer. She meets visitors, schedules appointments, arranges meetings and conferences, arranges travel, answers questions or directs the inquiry to appropriate persons. Receives incoming correspondence directed to the Public Works Officer. Prepares replies to routine correspondence for his signature. She edits outgoing correspondence. Job Relevant Criteria: Ability to type efficiently and accurately. Tact and ability to get along with others. Reliability and dependability.

File applications for the above with Dora Childers, Rm. 210, Code 657, Ph. 2032.

Model Maker Leader, WL-4714-14, PD No. 7455184, Code 5548 - Located in the Engineering Prototype Division in the Engineering Department. Incumbent provides administrative direction to model makers and technical and administrative direction to sheet and plate metal workers, and sheet metal mechanics. Also performs as mode maker. Leader duties include assigning work, setting priorities, keeping supervisor informed of progress, and providing sufficient supplies, tools, and equipment to

Secretary (Stenography), GS-318-5, PD No. 7455183, Code 553 — This position is secretary to the head, product Design Division in the Engineering Department. Incumbent maintains supervisor's calendar and schedules apointments. Types technical correspondence and reports and prepares reports after gathering and summarizing the necessary information. Screens visitors and determines the appropriate person to see the individual. Receives, reviews and routes incoming correspondence, and takes action on those items that seem appropriate. Job Relevant Criteria: Ability to operate magnetic and memory typewriters. Proficient in taking shorthand, Familiarity with Navy correspondence format, security regulations

Talk on High Speed Transportation Slated

Robert L. Pons, manager of trans- and Electronic Engineers at the group's portation systems for the Philco-Ford Corp., will speak to members of the China Lake Section of the Institute of Electrical



Robert L. Pons

regular monthly meeting on Monday. The meeting will be held in the Sun Room

Advancement Potential: to GS-4.

of the Commissioned Officers' Mess, beginning at 11:30 a.m. A buffet will be available.

Pons will discuss the use of magnetic levitation for high-speed ground transportation for his talk. He is program manager for the Tracked Magnetically Levitated Vehicle (TMLV) for the U.S. Department of Transportation's contract with Ford Motor Co., and has 26 years of experience in the design and development of various aerospace and weapon systems.

Since 1972, Pons has directed studies on the technical feasibility of magnetic levitation as a suspension system for high speed ground vehicles.

During the meeting, Pons will review the basic concepts of magnetic levitation and summarize the Ford Motor Co. program in this field. The major portion of this program involves testing of an unmanned 6,000 lb. rocket-powered vehicle and its associated guideway at NWC.

ANNUAL INSPECTION HELD — Members of Reserve Naval Mobile Construction Battalion 17's Detachment 0217 (formerly Seabee Reserve Unit 11-2) underwent their annual inspection this past Sunday morning at the Community Center. Cdr. Roger W. Muir, USNR, Commanding Officer of MCB 17 at Port Hueneme, traveled here to look over the local Seabee Reserves. Shown with Cdr. Muir (in center at right) as he checked members of A Co. of Detachment 0217 are Louis D. Pipkin (at left), an equipment operator chief, who is in charge of A Co., and Lt. M. N. Levine, USNR, Commanding Officer of Seabee Reserve Detachment 0217. The enlisted man standing inspection in this photo is Howard Mavis, a construction mechanic

Musical Program on Life of Jesus Set

scenes

The life of Jesus will be the subject of a full choreography, special lighting effects, musical, "Celebrate Life," that will be projected photography and dramatic presented by The Light Vibrations at the All Faith Chapel tomorrow night, beginning at 8 o'clock.

2nd class.

The Light Vibrations originate from San Gabriel Union Church. The group is composed of 53 singers of high school and college age, and eight instrumentalists selected by David Pysher, the director.

This dynamic singing entourage has toured many different places in the past several years, presenting shows in churches for community organizations, on military bases, and in prisons.

"Celebrate Life" will be presented with

The Rocketeer Official Weekly Publicatio Naval Weapons Center China Lake, California

RAdm, Rowland G. Freeman, III NWC Commander

Dr. G. L. Hollingswort Technical Director

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DEADLINES: News Stories Tuesday, 4:30 p.m Photographs The Rocketeer receives American Forces Press Service material, All are official U.S. Navy photos unless other

a commercial firm in compliance with Nav Exos P35, Sabbath Services revised January 1974. Office at Nimitz and Lauritsen. Saturday Information published in the Rocketeer does not necessarily reflect the official views of the Department of Defense Phones

3354, 3355, 2347 Sunday



Sunday Worship Service Sunday School - All Ages Wednesday Noon Bible Study Sunday School Classes are held in Chapel Annexes 1, 2, 4 (Dorms 5, 6, 8) located opposite the Center Restaurant. Communion Service first Sunday of the month. ROMAN CATHOLIC MASS Saturday Sunday BLESSED SACRAMENT CHAPEL MASS

Sunday Kindergarten thru 6th grades					1015
Wednesday	y Seventh and 8th grades				
R	ELIGIOUS ED	UCATIO	N CLASS	ES	
Sunday	Kindergarten thru 6th grades Pre-school				
Wednesday	First thru sixth			1530	
	seventh & eighth (Junior High)				1900
Above class Center Res	ses are held in taurant.	h Chapel	Annexes	across	from
As announc	ed	"In Ho	Ninth thr me" Discu		

2000

1930

James Svitak, NWC ext. 2082.

There is no admission charge.

Coolers To Be Drained

Tenants in all housing areas of the

Naval Weapons Center are reminded

that Public Works employees will be

draining all evaporative coolers now

In some cases, PW employees will be

required to enter homes. Any tenant

who objects to this is asked to call

that the warm weather is over.

-Photo by Maurice Dias

November 15, 1974

ROCKETEER

Page Seven

HAPPENINGS AROUND NWC

Coming up on Nov. 27 is a lunch-hour talk by Rear Admiral Rowland G. Freeman III, NWC Commander.

The Skipper will speak on his philosophy of management, prospects for the Center, and Center philosophy on equal employment opportunities.

Planned for 11:30 a.m. in Cactus Hall of the Community Center, this program is expected to be of special interest to NWC women employees.

Alice Pastorius, NWC Federal Women's Coordinator, is arranging the program in conjunction with an advisory committee of women employees. All attendees are asked to bring a brown-bag lunch.

Eyemobile Visit Slated

Through arrangements made by the Ridgecrest Lions Club, the Eyemobile Unit of District 4L-1 of Lions International, will The Evemobile Unit will be set up from of fun and special events. noon to 4 p.m. Saturday outside the Security-

Pacific Bank in Ridgecrest Plaza. Glaucoma, a disease that can be stopped in progress but not cured, attacks the sight of one American in every 40 over the age of

In order to accommodate as many of those in the danger years as possible, the tests will be limited to persons 30 years of age and over, or to those 18 years of age and over

The U.S. Civil Service Commission has announced the following test schedule for the 1975 Summer Employment Examination

If the application is received by Dec. 13, 1974, the applicant will be scheduled for the written exam during the month of January 1975. If the application is received by Jan. 17, 1975, the exam will be scheduled during the month of February 1975. Applications to take the written test postmarked after Jan. 17, 1975 will not be accepted.

Applications should be forwarded to the Civil Service Commission Area Office having jurisdiction over the place where the written test will be given. A list of examination points can be obtained from the receptionist at the NWC Personnel Department or at any U.S. Post Office or Civil Service Commission Area Office.

Students who have previously qualified for summer employment based on the written test are not required to retake the test, but may update their eligibility by submitting a revised application to the appropriate Civil Service Commission

College students may by-pass the examination, if they expect to complete their sophomore year (60 semester hours or 90 quarter hours) by June 1975, and if they have an overall grade-point average of 3.5 or better out of a possible 4.0 at the time they

Promotional Ops . . .

who have a history of glaucoma or diabetes in their family.

Dinners May Be Canceled

Walt Schimke, manager of the Chaparral Club and the Enlisted Men's Club (Jolly Roger), stated that unless business picks up in the dining room of the Chaparral Club on Friday nights, the dinner prepared for patrons on that evening will be canceled. Specialty of the dining room tonight is a

seafood platter. At the Jolly Roger tonight, the Golden State Music Co. will provide dance music from 9:30 until 1:30.

"Support your dining room and then move over to the Jolly Roger for the dance," Schimke urged. "Let's not lose what we have," he added.

COM Plans Busy Weekend

Beginning tonight with a visit from the El pay a visit here tomorrow to conduct free Batuka Band, the Commissioned Officers' tests to detect the symptoms of glaucoma. Mess will be the scene of three full evenings

The El Batuka will play dance music tonight from 9 o'clock until 1 a.m. and, in the dining room, a special Mexican dinner for \$4.75 will be offered. Featured on the menu will be broiled steak with cheese enchiladas, Spanish rice, refried beans, tortillas, guacamole, and corn chips.

On Saturday night, Dan Lydon's Tempos will provide background music for a dance that begins at 9 o'clock.

Sunday is brunch time. The club is featuring another Sunday champagne brunch from 10 a.m. to 1 p.m. The fare is \$3 per adult and a penny a pound for children 10 years of age and under.

Youth Basketball **Sign-ups Under Way Now at Youth Center**

Employee In The Spotlight

Following his graduation from Bergenfield High School in Hackensack, N.J., John Halligan thought he wanted to become a cabinet maker. He joined a small firm and began his apprenticeship, but called the training to a halt 18 months later.

"I felt confined, cooped up. I wanted to get out and see things," John confessed. So he joined the U.S. Air Force.

The Air Force taught John how to repair aircraft instruments and he spent four years learning that trade well. After being honorably discharged in February 1959, John decided that repairing aircraft instruments was a good profession, so he stuck with it. "After all, I had four years of experience behind me. I decided to put it to good use," he explained.

Returning to his home state, John took employment with the Bendix Aviation Corp., in Teterboro, N.J. He spent 15 months with that company before switching to employment with Litton Systems, Inc., in Woodland Hills, Calif., as a precision instrument technician. During the time he spent with Litton, John did a lot of work on the intertial guidance system of the Air Force's X-15 aircraft. In April 1962, John went to work for Lockheed Missiles and Space Co. in Van Nuys.

Bouncing like a rubber ball-the epitome of the aircraft corporation "gypsy"-John was back^e at Litton Systems within six months. This time he worked mainly with the inertial guidance system on the F-111. When that contract was canceled, John sought employment with Dynalectron Corp. at Pt. Mugu. He wasn't there long before he moved over to the Bendix Radio Corp. and spent six months on Johnston Island, the



NEXT STOP, SANTA CRUZ - Rengis Fabris, 21, a supply clerk in the NWC Dispensary, is caught in an emotional moment by the camera last Saturday evening when Teri Hill (1.), official chaperone for the Miss Ridgecrest / China Lake Pageant Association, fitted the crown on her head. The new Miss Ridgecrest China Lake will represent the twin communities in the Miss California Pageant next June in Santa Cruz. Congratulating Miss Fabris is D'Anne Garretson (r.), the 1974 title holder. The gueen was sponsored by the High Desert Detachment of the Marine Corps League. Runners-up were Casey Hulin, Pam Renner, Pam O'Guin and Debbie McAlpin. The winner, who is a part-time student at Cerro Coso Community College, will put to good use the \$1,100 in scholarships she won along with the title. Between now and next June she will be kept busy making public appearances, representing this area at statewide functions, polishing her vocal routine for the Miss California Pageant, and enjoying her role as the most beautiful and talented girl of the Indian Wells Valley.



John P. Halligar

downrange site of the firm.

After his contract was fulfilled, John returned to Dynalectron and joined range operations where he operated and maintained plot boards and recording equipment. Finally, in June 1966, tired of the insecurity of private enterprise, John joined Civil Service.

Worked at Pt. Mugu

He hired on as an engineering technician specialist in the Flight Test Division of the Test Operations Department at the Naval Missile Center, Pt. Mugu. During the next six years, John worked on Walleye, Bullpup, Shrike and Standard Arm projects. He also conducted operations on Red Eye and Wide Eye Airborne Television photo projects. In addition, during his employment at Pt. Mugu, John was certified as an air controller on the Pacific Missile Range.

In November 1972 he came to China Lake and joined the Air Operations Branch of the Test and Evaluation Department's Project Engineering Division. In just two years, John has worked as project engineer for Walleye, Shrike, Improved Weapons Delivery System, Target Radiant Intensity Measurements, Sparrow III Aim 7F, Sidewinder Aim 9G, and a series of F-14 Tomcat tests that included contractor demonstration tests, Naval Technical Evaluations, Op-Eval by VX-4 from Pt. Mugu, and Software Support Activity tests.

"I love it here. I didn't care for the damp weather at Pt. Mugu and I felt crowded there. China Lake is beautiful," John said. He instantly became a rockhound and is now president of the Indian Wells Gem and Mineral Society.

Loves the Desert

"I like to go out on the desert and just pick up rocks. I've even learned to make a few things-necklaces, pins. Rings are next," he

John's wife, Paula, whom he met while he was at Pt. Mugu, calls sewing her big interest. She makes clothes for everyone in the family, including the two children Jamie, 7, and Tim, 5.

John and Paula share an interest-indoor plants. The couple has quite a number of them and John finds they help him to relax. He also likes to go hunting and fishing when he has the time.

CFC Fund Drive...

(Continued from Page 1) points out that the rate of participation earlier this month hit the 84 per cent mark at NELC.

While CFC representatives at China Lake have been doing a good job of seeing that fund drive information material and pledge cards are distributed, it's possible that some employees or military personnel may have been overlooked. If that's the case, Parode suggests that the individuals themselves take the initiative in picking up the above items and then following through by filling out a pledge card or making a generous contribution to the CFC.

Page Six

ROCKETEER

nwc rockeleer SPORTS In The Catbird Seat

By Jack Lindsey Action, excitement, and beauty will be provided with plenty of thrills and laughter at the annual gymnastics show, sponsored by Burroughs High School and the City of **Ridgecrest Recreation Department.**

This year the show is called "Rhymes and Reasons," and it's scheduled for 7:30 p.m. on Wednesday, Thursday and Friday, Nov. 20, 21 and 22, in the Burroughs Lecture Center

Featuring dozens of the valley's finest young gymnasts, the show will be set to live music, provided by talented members of the community. Precision routines on the uneven parallel bars, the balance beam, and the parallel bars will be interspersed with novelty routines and graceful tumbling maneuvers. Stunts on the trampoline and the vaulting horse will also be featured.

Directed by B. J. Peck, with assistance from Mary Ann Wilcox and other local gymnastics coaches, the show has been in intensive rehearsal at the Lecture Center all week. Most of the routines in the show, however, have been rehearsed both individually and during classtimes since last summer.

Proceeds of the show will go for muchneeded gymnastics equipment. For this reason, but mostly because they're proud of their young pupils' skill, the coaches are hopeful that large crowds will attend each evening. "This is a show all members of the family can enjoy, whether or not they know anything about gymnastics," Mrs. Peck stressed.

Tickets are available from gymnasts involved in the show and at the door prior to showtime. They are priced at \$1.50 for those 13 years of age and older, 75 cents for youngsters 6 to 12, while children 5 years old and under will be admitted free.

Swim Classes For Tiny Tots, Women To Begin on Tues.

ew series of swill cla sses for tiny tots. five-year-olds and beginning women swimmers has been scheduled.

Tiny tots' classes will begin on Tuesday. Eight 30-min. sessions will be held from 9 to 11 a.m. for children aged 6 mo. to 4 years. Cost is \$6 for the eight classes.

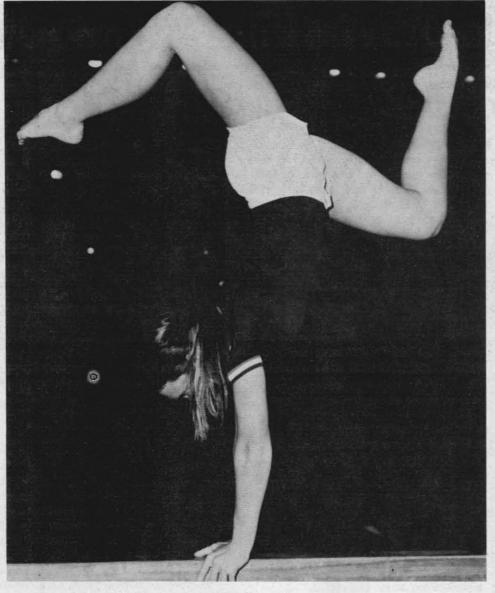
Five-year-olds will be taught in eight onehour sessions, also beginning on Tuesday. They will be meeting from 1 to 2 p.m. Fee is \$8 for the series.

Beginning women adults will be taught from 1 to 2 p.m. on eight consecutive Wednesdays, beginning next Wednesday, Nov. 20. Cost of the eight class sessions is \$10 per person.

Turkey Shoot Planned

A turkey shoot for those proficient in .22 caliber handguns will be held at the Sierra Desert Gun Club range on Sportsman Rd. from 1 to 5 p.m. on Sunday, Nov. 24.

Entry fees are \$1.50 per match. Awards will be cash certificates ranging from \$5 to \$10, redeemable at Fazio's Market.



PERFECT BALANCE - Felicia Smith is practicing her balance beam routine in preparation for the upcoming gymnastics show sponsored by Burroughs High School and the Ridgecrest Recreation Dept. on Nov. 20, 21 and 22 at the Burroughs Lecture Center. Showtime begins at 7:30 p.m. Tickets are available at the Gift Mart in Ridgecrest, the Station Pharmacy, or at the Lecture Center door. They are priced at \$1.50 for adults, 75 cents for children 6 through 12 years of age. Youngsters 5-years-old and under are admitted free of charge.-Photo by Ron Allen

Burros Tied for Golden League Lead After 29-28 Win Over AV

Burros turned a broken extra-point play into a two-point score to win a football game. On McDowell snagged a ball he was supposed to kick and ran it across the goal line to enable the Burros to win that game, 22-20.

Last Friday night Kevin Smith, Burroughs High School varsity football team quarterback, picked up a bad snap scored on a 31-yd. run and then carried the from the center during a try for an extra- ball over for two more points to put the point and ran it across for two points. This 'Lopes back in front, 28-22. proved to be the winning margin in a close game with the league-leading Antelope

Valley team, as Burroughs won it, 29-28. The victory moved the local team into a three-way tie for first place in the Golden League with the 'Lopes and Quartz Hill High a 29-28 victory for the local team. School, and almost assures Burroughs of a The game still had some hectic moments Federation (CIF) playoffs.

The only stumbing block remaining for sounded. the local green-and-white clad warriors are the Apple Valley Sun Devils. The Burros will travel to Apple Valley tonight for the game which begins at 8 o'clock.

The Burros got off to a fine start early in the first period against Antelope Valley when Smith scored from the 1-yd. line. Then came the broken play and a two-point PAT to put the local team ahead, 8-0.

The Antelopes also tallied early in the second stanza, but missed the PAT to trail 8-6. AV then fell further behind in the same quarter when McDowell, playing in the tailback slot in place of the still-injured Steve Blanche, crashed over from the 2-yd. line to cap a 59-yd. drive by the Burros. This time he booted the PAT to put Burroughs ahead, 15-6.

In the closing minutes of the half, the 'Lopes added another touchdown and a twopoint conversion, but trailed 15-14 as the gun sounded to end the first half.

AV took the lead for the first time early in the fourth stanza after a scoreless third quarter for both teams. David Vierra

For the second time this season, the returned a punt 80-yds. and Jack Tolliver crashed over from the 1-yd. line. That twopoint conversion try was stopped by the Oct. 18 against the Palmdale Falcons, Mark quick Burros defense, but now AV held the lead, 20-15

> Burroughs countered with a scoring drive that ended when Smith went in from the 1yd. line. McDowell's kick made the score 22-20. Things got pretty tense when Tolliver

> The final tally of the game came with three minutes left to play when Smith hit Randy Mather with a 14-yd. scoring pass. McDowell, booting the biggest PAT of his career, put the ball between the uprights for

bid to the California Interscholastic left, however. The 'Lopes mounted a drive that ended on the 6-yd. line as the gun



NAF PISTOL TEAM - Members of the newly-formed Naval Air Facility pistol team are available to accept challenges from any other group of pistol marksmen in the area. They are (I.-r.): AFCM Robert Chaloux, ADJ2 Max Green, AO3 Nolan Guillory, Lt. Reginald Cranford, Lt. Albert Norrick and AM Michael Podrebarac. The NAF team was selected following a shooting tournament held over the past

November 15, 1974

Wilt's Corner

Twenty-two teams are competing in four different divisions in the China Lake Intramural Basketball League. Schedules have been completed and Wilt Wyman, director of athletics and youth programs at NWC, is looking forward to a season of excitement and participation.

"I feel the emphasis in this type of sport should be on regular physical exercise and self-satisfaction brought about by balanced competition," Wyman said.

The season began this past Monday with the Women's Division. Games are played Monday through Thursday in the Center gymnasium. Spectators are welcome. **Badminton Results**

Morris Scharff, athletic director at Cerro Coso Community College, was the victor in the badminton tournament held last Saturday at the gymnasium. Bob Corzine was second.

Next in line was Blane Davies. Wyman finished in fourth place and Joe Holman was fifth in the tourney.

The hours of 4-7 p.m. on Saturdays will be set aside for badminton during the winter months. Anyone who is interested is invited to play.

Sports Carnival Under Way

The representatives from NWC who are presently participating in the MDISL Sports Carnival, which began yesterday at Norton Air Force Base in San Bernardino, are Paul Tjotas and Dick Hughes, in the three-mile run; Phill Fossum and Larry Darnell, in racquetball, and Wilt Wyman, in badminton.

No entries were received for handball. Wyman stated this was due, in part, to the closing of the handball court for renovation. "No one was certain how well they would do at Norton AFB without practice, so all of them declined to go," Wyman said after talking to the better handball players at China Lake.

The tournament will conclude on Sunday and is the final such event of the year. The new MDISL tournament season will begin in January with basketball. As yet the tournament site is unknown.

Winter Schedule Set At Gym Swim Pool

New winter hours for the gymnasium swimming pool will go into effect immediately. The pool will be set aside from 6 to 9 p.m. on Mondays and from 10 to 11 a.m. on Thursdays for use by women only.

Adults will have sole possession of the pool from 11 a.m. to 1 p.m. Mondays through Fridays and from noon to 1 p.m. on Saturdays.

The pool will be set aside for open swimming on Wednesdays and Fridays from 4 to 9 p.m. and on Mondays from 4 to 6 p.m. The hours for open s on Saturdays will be from noon to 6 p.m. The pool will be closed on Sundays.

month. The members practice at the police pistol range on Sportsman Rd.

November 15, 1974

ROCKETEER

Page Three

Ass't Sec/Nav for R&D Gets Good Look at NWC



AT THE ENTRANCE to the Warhead Research and Development Laboratory, Rear Admiral R. G. Freeman III, NWC Commander, introduced the Honorable H. Tyler Marcy, Assistant Secretary of the Navy (Research and Development), to Milton Burford (at left), associate head of the Conventional Weapons Division in Code 40. The latter briefed the distinguished visitor and his party on fuzes and warheads. At right is Dr. G. L. Hollingsworth, NWC Technical Director.



AN UPDATE ON the Sparrow AIM 7-F missile was given by Burrell Hays (at right), head of the NWC Engineering Department, to the Hon. Mr. Marcy and two admirals who accompanied him here for a 21/2 day visit last week.



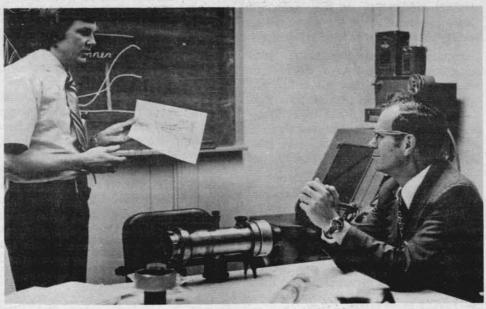
ROBERT HILLYER (second from left), head of the NWC Fuze Department, provided information on the Harpoon missile fuze to the Assistant Sec / Nav for R&D (at left), and also to Vice Admiral W. J. Moran, Director of the CNO's Tactical Air Surface and Electronic Warfare Development Division. In background is Rear Admiral C. P. Ekas, Jr., Deputy Chief of Naval Development from the office of the Chief of Naval Development.



DETAILS OF the Night Operation Gunship's operational capabilities were explained to the Hon. Mr. Marcy by Doug Cowan (in cockpit of an OV 10 Bronco), who heads the NOGS program.



LABORATORY FACILITIES for testing the pre-flight performance capabilities of the Sparrow AIM 7-F were described for the Assistant Sec / Nav for Research and Development (center) by Henry Blecha (at left), a branch head in Code 55. Also shown listening to Blecha's presentation is Dr. G. L. Hollingsworth, NWC Technical Director.



WHAT NWC RESEARCH DEPARTMENT personnel have learned about the combustion instability of solid propellants was discussed for the benefit of the Hon Mr. Marcy by Dr. Ronald Derr (standing), acting head of the Aerothermochemistry Division. The device shown on the table is a T burner



WHILE THE HON. MR. MARCY admires an NWC plaque he had just received as a memento of his visit here, RAdm. Freeman, who presented the plaque, exchanges a farewell handshake with VAdm. Moran, a former Center Commander. At right is RAdm. Ekas.

Page Four



BAGS A PLENTY — Tennis racket covers (shown above), marble and toy bags, hide-a-doll bags, shoulder purses and the popular bike packs for children and adults will be offered by members of the American Association of University Women at their booth during the WACOM Holiday Bazaar today and tomorrow. Proceeds from the sale of these items will go to the AAUW scholarship fund. Nani Janiak displays one of the popular tennis racket covers.

1974 WACOM Holiday Bazaar Now Open at Community Center

The annual Holiday Bazaar sponsored by you" for the care her youngsters have the Women's Auxiliary of the Commissioned Officers' Mess began this morning and will continue until 8 p.m. in the Community Center. The special two-day event will reopen tomorrow from 10 a.m. to 4 p.m.

On display will be handcrafted items offered by sale in booths manned by volunteers from 22 different social, fraternal and charitable organizations from throughout the Indian Wells Valley. Shoppers will be able to purchase such items as foodstuffs, candy, imported gifts from Israel and Mexico, dolls, jewelry and Christmas decorations

Hungry and thirsty bazaar patrons can sit down in the WACOM-operated tea room for cakes, pies and sandwiches. Also on sale in the tea room will be Christmas cards handled by Pat Stowell for the benefit of Children's Hospital of Los Angeles. She does this each year as a means of saying "thank

Film-Lecture On Valley of Hunza **Scheduled Sunday**

Renee Taylor, a globe-trotter who has been called the modern female Marco Polo, will bring her most exciting adventure to Cerro Coso Community College on Sunday evening at 8. She will narrate a full-length film taken in the Valley of Hunza, called the Himalayan Shangri-la.

Tickets are priced at \$1 for general admission and 50 cents for holders of Cerro Coso student body cards. The Sunday evening travel-adventure series is being offered by the college's Community Services office to give local residents a peek at such far-off places as Mongolia, Central America and the Nile River Valley.

One of the fascinating things about Hunza, which was said to inspire James Hilton's novel, "Lost Horizon," is the incredible ages that the valley's men and women live to be. Tucked away among towering mountain heights, relatively free from disease, the residents live to be 100 years and more and women of 80 seem to look no older than 40 vears.

received at Children's Hospital. In addition, Alpha Alpha Psi sorority will

be giving away a pine cone tree made by Vivian LeBow to a lucky shopper. Local organizations taking part in the

bazaar are the Jewish Women's Club, women from the Methodist Churches in Inyokern and Randsburg, the IWV Nurses Club, Protestant Women of the Chapel, Burroughs High School Home Economics Club, Murray School and Burroughs Band Boosters, Maturango Museum, Desert Planters of Ridgecrest, Navy Wives Club, Women of the St. Michael's Episcopal Church, Military Wives Club, Women of the Ridgecrest Methodist Church, Beta Sigma Psi, Chi Alpha, Alpha Alpha Psi, American Association of University Women, American Field Services, Oasis Garden Home Society, and WACOM.

Tickets Available For Main Galley's **Thanksgiving Meal**

Beginning today and continuing until 3:30 p.m. on Tuesday, Nov. 26, tickets will be on sale for a special Thanksgiving Day holiday dinner that will be served by the Food Service Division at the Enlisted Dining Hall. All Naval Weapons Center military and

civilian personnel, and their dependents, are invited to attend the Thanksgiving Day dinner, which will be served from 2 to 5 p.m. on Nov. 28.

Tickets can be purchased at the Food Service Office (located directly behind the galley) between the hours of 8 and 11 a.m. and from 1 to 3:30 p.m. The prices per person are: \$1.50 for military enlisted personnel on Comrats; \$2.50 for dependents, military officers and civilians; and \$1.25 for children under 12 years of age.

Menu for the complete Thanksgiving Day holiday dinner will include an entree of both roast tom turkey and roast prime rib, as well as soup, a variety of salads, vegetables and desserts.

Balloon Flight Nets Much Scientific Data...

November 15, 1974

goal became necessary when it was learned

the balloon was flying down the center of two major weather systems that were

converging about 25 or 30 miles to the north,

and it appeared that the powerless craft was

Despite this problem, it was not necessary

to pull the special rip panel in order to

descend. Instead a very soft landing was

possible by gradually allowing enough

helium gas to escape to permit the balloon to

Because Craig was able to accomplish

such a skillful landing that none of the most

sensitive instruments aboard were

damaged in the slightest, Dr. Engelmann,

the on-board scientist, was so highly pleased

that he told the NWC employee he wouldn't

even consider having another pilot on any

Regarding the prospects for additional

flights, Craig stated that it would take at

least six months before even the planning

for such a venture could be started, and

another three months after that to make the

necessary preparations. Consequently, he

doesn't see any likelihood that flight No. 2

could take place much before the latter part

The initial Project da Vinci balloon flight

was funded jointly by the Atomic Energy

Commission, the National Geographic

Society and the Department of the Army's

Atmospheric Sciences Laboratory. In ad-

dition, nearly 15 other organizations

provided experiments, support services or

of Albuquerque, N.M., the Institute for

Storm Research and the Grumman Houston

Corp., both of Houston, Tex., the Bendix

Corp. and the National Atmospheric and

Considerable Data Gathered

gathered in just the 12 hour flight, it was

Craig's estimate that had the balloonists

been able to remain aloft for the intended 36

hours it might not be necessary to consider a

second flight, because it would take forever

and a day to check the data from such a

Dr. Engelman, the on-board scientist, was

as busy as the proverbial one-armed paper

hanger and hardly had a moment's

relaxation until the decision was made that

it would be necessary to begin the descent to

Craig shared the pilot's duties with the co-

pilot, Vera Simons, who kept busy taking

So much scientific information was

Oceanic Administration.

flight.

land

equipment, including Sandia Laboratories

future Project da Vinci flights.

of next summer.

being drawn into one of them.

slowly settle to the ground.

(Continued from Page 1) pressure, electrical fields, ozone and sulphur dioxide pollution.

In spite of the reduced flight time, data was acquired on 23 of the 25 experiments aboard, and 95 per cent of the test data was successfully recorded in the specially equipped vans that followed the flight on the ground.

It also was possible, Craig noted, to get a good feel for the amount of power consumption that must be planned for in future balloon flights, as well as how much ballast it is necessary to carry.

Because the balloon's take-off time had to be postponed until nighttime, there was concern that when the balloon began to warm up in full sunlight it would be necessary to release a substantial amount of the helium gas that kept the balloon and its scientifically equipped gondola aloft.

While superheating has been a problem with balloons that have been flown at much higher elevations, Craig was pleased to find that the Project da Vinci balloon didn't require an inordinate amount of control when it warmed up in the sun.

Longer Flights Possible

As a result, Craig said, he feels confident that any future Project da Vinci flights could be extended (weather permitting) to as long as five days in duration.

One of the most anxious moments occurred at take-off time when a large crane was being used to anchor the helium-filled balloon as it floated up to its flight position 70 ft. in the air above the gondola.

The lifting power of the balloon was so great that it began to raise the large crane off the ground. This made it necessary, Craig explained, to rig another line from the crane to the balloon. When the moment came to try to halt the balloon's ascent before takeoff, as the crane operator shifted the gears to the "stop" position, the gears were in neutral briefly and this allowed the balloon to shoot up suddenly before it was abruptly halted

This kind of a jolt could have pulled the top out of the balloon, but fortunately this didn't happen and the large helium-filled envelope made the entire trip without incident

Inversion Level Hit

Shortly after take-off it was necessary, Craig recalled, to let off 200 lb. of ballast in order for the balloon to rise above an inversion level. Because of this, it was decided to hold off actuating any scientific experiments until it could be verified that the balloon was not leaking.

Afterwards, the flight went pretty much according to plan, the pilot stated, except that the balloon drifted farther north than the meteorologists had predicted and, for a Club, IWV Association for the Retarded, few minutes, it was out of range of the Road Runners Auxiliary of the Children's ground telemetry link equipment being carried in the vans, which had to speed along on the ground to try to keep up with the balloon flight.

> At that, only 15 min. worth of flight data were missed at times when the balloon was ground due to intervening mountain peaks.



SHARED PILOT'S DUTIES - Jimmie Craig, an NWC employee, and Vera Simons, a licensed balloon pilot since 1957 who has been involved for several years in high altitude manned balloon flights, were the pilot and co-pilot on the first Project da Vinci balloon flight, which was highly successful in terms of the scientific data obtained

Defense.

pictures using some special video camera equipment when she wasn't piloting the balloon **Square Dancers Slate**

Special Event Saturday

Barry Medford, well-known square dance caller from Houston, Tex., will call the turns at a dance sponsored by the Cactus Squares tomorrow night.

Burroughs High School's multi-purpose room will be the setting for the colorful out of line of sight with the vans on the tunes and dances that make square dancing so popular. Hours for the dance are from 8 to 11 p.m.

November 15, 1974

ROCKETEER

Naval Material Command Team **To Conduct Inspection of Center**

Division, will be here on Monday and Tuesday to discuss the organization and subordinate elements as they function within the Navy and the Department of

Yochum is a member of an Inspector General team from NMC that will be

W. C. Poe, the Naval Material Command's Deputy Inspector General for Inspections, will be available on Tuesday from 11:30 a.m. to 1 p.m., in the Yucca Rm. of the Community Center, to listen to the ideas of individual employees or military personnel on the better application of Navy resources.

Poe can be contacted by phone during this 90 min. period by calling NWC ext. 2200. In addition, other RASP representatives can be reached at other times during the working day by calling either NWC ext. 2878 or 3062.

visiting the Naval Weapons Center from Monday through Friday of next week. NWC employees in administrative. supervisory and management roles are invited to hear talks by Yochum that, including time for an exchange of ideas and discussion, are scheduled from 1 to 2 p.m.

Film About Crossing Sahara Desert Using **Motorcycles Slated**

In January 1969, five men set out on a daring adventure that seemed impossiblecrossing the vast Sahara Desert on motorcycles.

s rebian A film entitled "The Ultimate Adventure" explores the motivations that would make men leave the comforts of home to risk life and limb in the search for adventure. It records the life and death struggle for survival of men and machines, pitted against the scorching sun and sand for three months-the time it took them to cross the 3,500 miles of endless sand and wasteland. The movie, taken personally by the men, will be shown on Sunday at 7 p.m. at the East Wing of the All Faith Chapel.

There is no admission charge.

Joe Yochum, a senior member of the Monday in Conference Rms. B and C in Naval Material Command's Management Michelson Laboratory, and on Tuesday, from 8:30 to 9:30 a.m. in Conference Rm. 1000D, also in Michelson Lab.

> Throughout next week, the Naval Material Command's IG team will be here to conduct a command inspection of NWC. During this time, a staff member of the team will be available to listen to the ideas of civilian employees and military personnel for saving money and manpower.

> Called the Resources Application Suggestion Program (RASP), this is an opportunity for NWC personnel to express directly to the IG team any suggestions that they may have for better application of Navy resources - without necessarily putting them on paper.

> The proposals can apply to any section, branch, division or command with the Naval Material Command, and those wishing to do so can submit their ideas - either written or verbally - directly to a representative of the NMC's Inspector General team without going through their superiors.

Suggestions can be made anonymously, if desired, but comments will be solicited from the NWC Command before decisions are made which affect the Center.

In all cases, any suggestions that are received will be reviewed by the appropriate personnel for their comments and recommendations before any implementation action is directed.

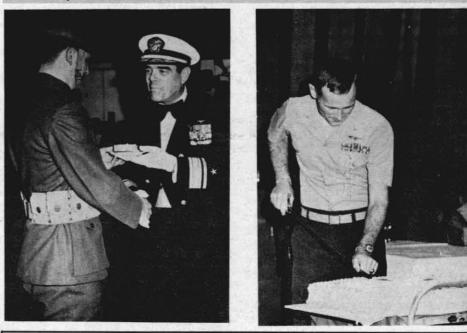
In the event that a civilian employee wishes to submit a Beneficial Suggestion on the same idea that is presented to a member of the Inspector General team, he or she can do so, but it will be handled separately from submittals to the IG.

Some examples of areas in which civilian employees or military personnel may have suggestions for the better utilization of resources are:

Storing and shipping of material; use of automotive, data processing and other equipment; time spent in reading documents and obtaining necessary information; possibilities for the elimination of duplication of effort; projects that have outlived their usefulness or import and may be eliminated or consolidated with others; better utilization of either manpower or facilities, and contracting and administration of contracts.



MARINES CELEBRATE 199TH BIRTHDAY - The United States Marine Corps became 199 years old on Nov. 10. To mark the occasion, a ball was held on Saturday in the Commissioned Officers' Mess, attended by 176 persons, including Rear Admiral R. G. Freeman III, NWC Commander. In the photograph above, the Skipper watches as Lt. Col. E. C. Paige, USMC Liaison Officer at NWC, cuts the special birthday cake. The cake, a replica of the Tun Tavern in Philadelphia, where the Marine Corps got its start in 1775, was baked for the ball by CSC Harold Smith, chief in charge of the Main Galley. Assisting Lt. Col. Paige is Gy / Sgt. J. E. Sargent. In the photo at left, below, RAdm. Freeman offers a piece of the birthday cake to L / Cpl. R. G. Boyer, stationed with VMA 331, from Beaufort, S. Car., who is dressed in a World War I Marine uniform. Below right, Lt. Col. Ed Baker, Commanding Officer of VMA 331, here on special assignment from Beaufort, cuts another one of Chief Smith's masterpieces at a party held on Friday afternoon at the Chaparral Club for the officers and men of the South Carolina-based Air Wing.



'Bluejacket of Month' Chosen...

(Continued from Page 1) following his graduation from North Buncombe High School in Weaverville, he was offered his choice of boot camps - either Great Lakes, Ill., or San Diego. "I chose San Diego because it was the middle of January and I certainly didn't want to go to Illinois," he laughed.

Special schooling followed. He attended ETR "A" School at Treasure Island Naval Training Center, then was sent to Basic Nuclear Power School at Bainbridge, Md. What followed next was training at the Crypto School at Mare Island NTC before reporting to the USS Roosevelt, an aircraft carrier homeported at Mayport, Fla.

Leadership Demonstrated ETR2 Herring went aboard the carrier as

a crypto repairman and, when he left 18 months later he was the communications supervisor, already beginning to show the traits which won him the Bluejacket of the Month award at NWC.

His next assignment was to Norfolk, Va., where he was trained in the art of precommissioning a ship. Then he was transferred to Philadelphia where he went aboard the USS New Orleans, a new helicopter carrier.

After serving on board that ship for one year he was transferred to Great Lakes NTC as support personnel, and remained there for three years. In May 1972, ETR2 Herring came to China Lake.

"I really love the Navy and my work.] like to travel and I like the Navy life, but it's my work that keeps me in the service," the Bluejacket said.

Baby Boy Just Born

ETR2 Herring and his wife, Kathleen Great Lakes, are the proud parents of a son, Andrew, born just two weeks ago. A selfconfessed "homebody," the November Bluejacket enjoys gardening, raising house plants, and collecting coins.

Kathleen's interests are sewing and cooking. Both have done a little sightseeing in the local area to whet their travel interests. However, they are looking forward to the end of this month when ETR2 Herring will be assigned to Guam.

Crosswalks Painted

At Lauritsen, Nimitz

New pedestrian crosswalks were painted at mid-week at the intersection of Lauritsen Rd. and Nimitz Ave.

For this reason, drivers using these two roadways are asked to take extra care and watch for children enroute to or from Richmond School.

Signs will be posted to call attention to the new crosswalks.



MEMENTO OF VISIT - Rear Admiral R. G. Freeman III, (at right) Commander of the Naval Weapons Center, this week presented an NWC plaque to Rear Admiral Gerald E. Thomas during the latter's one-day visit for orientations and briefings pertaining to on-going weapons development programs at China Lake. RAdm. Thomas, who is Commander of Cruiser-Destroyer Group Five, with headquarters at San Diego, was accompanied here by three members of his staff-Capt. James J. Tyson, Cdr. John F. Fox and Lt. William C. Hoover. -Photo by PH2 Dan Yeatts