



NAVY RELIEF COURSE GRADUATES — Franca Stonesifer, director of field representatives and volunteer training for the Navy Relief Society, visited the Naval Weapons Center recently to conduct a nine-day course entitled "Everything You Always Wanted To Know About the Military, But Were Afraid to Ask." Information was provided to the women dependents of military personnel on such subjects as military pay and allowances, health and survivor benefits, and a number of other matters regarding

aid that is available through the Navy Relief Society. Graduates of the course (shown with the instructor) are, from left: Janet Smith, Lorretta Fleming, Sara Elder, Dana Castillo, Martha Conners, Mrs. Stonesifer, Regina Norrick, Jo Ann Cox, Katy Barron, Barbara Burdick, Marlene Paige and Dixie Miller. One of the purposes of the course also was to recruit more Navy Relief Society volunteers, although it wasn't mandatory for those who attended to commit themselves to this role.

Curtain Goes Up Tonight on 'Ring Round Moon'

"Ring Round the Moon," the final production for 1974 by the Community Light Opera and Theater Association, will open tonight at 8:15 at the Burroughs Lecture Center.

This comedy, called a charade with music by its authors, Christopher Fry and Jean Anouilh, is directed by Eduardo Romero and will play for three more engagements — tomorrow night, and again on Dec. 13 and 14.

Workshop on Holiday Season Neurosis Offered by Desert Counseling Center

"How To Get Through the Holidays," or "Christmas Neurosis," a 1½ hr. workshop, will be presented by the Desert Counseling Center and the Social Concerns Committee of the United Methodist Church in Ridgecrest as a novel, pre-Christmas activity.

Leader of the workshop will be Dr. Louis Paul, a practicing psychiatrist on the staff of the DCC. The workshop will be held on Monday, beginning at 7:30 p.m., at the United Methodist Church, 639 N. Norma St. There is no admission charge.

Orchestra To Present All Beethoven Concert on Sunday

An all-Beethoven concert will be presented on Sunday by the Desert Community Orchestra at the Cerro Coso Community College Lecture Hall. The program will get under way at 3:30 p.m.

Gordon Trousdale, director of music for the college, will conduct the 60-piece orchestra in the Beethoven Choral Fantasy and the Pastoral Symphony (No. 6). For the first number, the college's Chamber Choir will perform with the orchestra.

Trousdale, noting that the music for this concert — the first major offering for the 1974-75 season by the orchestra — indicates that music lovers are in for a treat. "The members of the orchestra are growing in competence and familiarity with the music during each rehearsal, and these Beethoven works, first performed in Vienna in 1808, are sure to satisfy the aficionados of the maestro," Trousdale said.

Additional concerts by the orchestra are scheduled on Feb. 25, 1975, and the annual Youth Concert next May 11. Local music students will be afforded an opportunity to audition to play with the orchestra early in 1975.

Support of the orchestra comes from the Cerro Coso Community College and from contributions and the purchase of memberships in the Desert Community Or-

chestra Association. Season tickets, as well as individual concert tickets will be available at the Lecture Hall preceding the Dec. 8 program.



TUNING UP — Members of the Desert Community Orchestra are shown in rehearsal for the all-Beethoven Concert, which is set for Sunday at the Cerro Coso Community College Lecture Hall. Gordon Trousdale, the director, has selected the Beethoven works of "Choral Fantasy," and "Pastoral Symphony (No. 6)" for the 60-piece local orchestra. The musical program will get under way at 3:30 p.m. Tickets will be on sale at the door of the Lecture Hall preceding the concert.

SHOWBOAT

MOVIE RATINGS

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

(G) - ALL AGES ADMITTED

General Audiences

(PG) - ALL AGES ADMITTED

Parental Guidance Suggested

(R) - RESTRICTED

Under 17 requires accompanying Parent or Adult Guardian

CS - Cinemascope

STD - Standard Movie Screen

Regular starting time—7:30 p.m.

Matinee—1 p.m.

FRI. 6 DEC.

"WHERE THE RED FERN GROWS" (97 Min.)

James Whitmore, Beverly Garland (Adventure Drama) More than anything else in life, Bill Colman wanted a dog, not just any dog, but redbone hunting hounds. Even though it is depression time, Bill resolves to earn the \$50 purchase price of two hounds. A "Puppy Love Story" follows. (G)

SAT. 7 DEC.

"THEY CALL ME TRINITY" (111 Min.)

Terence Hill, Bud Spencer

—EVENING—

"COME BACK CHARLESTON BLUE" (101 Min.)

Godfrey Cambridge, Raymond St. Jacques (Comedy Drama) A series of robberies gets things going and it doesn't take long for the two detectives, Coffin Ed Johnson and Graveyard Jones, to discover that the haul each time is a heroin shipment. (PG)

SUN.-MON. 8-9 DEC.

"THE PARALLAX VIEW" (102 Min.)

Warren Beatty, Faye Dunaway

(Suspense Drama) One man's theory of the Robert Kennedy assassination. (R)

TUES.-WED. 10-11 DEC.

"FRENZY" (116 Min.)

Jon Finch, Barry Foster

(Suspense Drama) An Alfred Hitchcock suspense thriller. The old familiar ingredients are all there: the innocent man accused of murdering his wife, the best friend who is guilty, the twists of fate resulting in the wrong man's conviction. (R)

THURS.-FRI. 12-13 DEC.

"MY NAME IS NOBODY" (115 Min.)

Henry Fonda, Terence Hill

(Western Comedy) In 1899, aging gunfighter Henry Fonda is more concerned with catching a boat for Europe at New Orleans than with the three killers, who try to do him in while he's being shaved. Having been asked to kill Fonda, one of the killers instead insures Fonda's retirement by staging a gun battle in New Orleans in which Fonda supposedly dies. Still insisting his name is nobody, Hill, who staged the phony killing, becomes somebody as a result. (PG)

Secrets of Longest River in World To Be Screened Sunday

The first time the Nile River has ever been explored from source to mouth was filmed by John Goddard and will be screened on Sunday at 8 p.m. in the Cerro Coso College lecture hall.

"Kayaks Down the Nile," the title of the first travel-adventure film in the college's series, ranks with the epic "Kon Tiki," and Mt. Everest expeditions," says Dr. Wendell Phillips, famous archeologist and president of the American Foundation for the Study of Man.

Goddard made and filmed a journey of over 4,000 miles down the steaming Nile — the longest river on earth — recording its 31 cataracts, effects of fevers, life-destroying heat, big game, aggressive bandits and hunger found along the river's banks.

Tickets to this program may be purchased at the door of the lecture hall, the Station Pharmacy or at the Gift Mart in Ridgecrest. They are priced at \$1 for adults and 50 cents for college students with ASB cards.

★ U.S. Government Printing Office: 1974-683-488 / N0162

From: _____

To: _____

PLACE STAMP HERE

Programs, Funding, Other Problems Aired by Command

A 2-hour-long meeting called last Monday afternoon for the purpose of furthering two-way communication between the Center's top management and employees drew an audience (restricted to GS-12s and above) that came close to filling the Center theater.

The reason for the gathering was explained at the outset by Rear Admiral R. G. Freeman III, NWC Commander, who was joined by Dr. G. L. Hollingsworth, Technical Director, in fielding a wide array of queries that ranged from those pertinent to technical programs, funding and the level of

employment to others focused on community problems as seen by employees who live both on and off the Center.

Questions, many of them based on feedback received following publication of the November issue of "News and Views" were read by Harry Parode, NWC Public Information Officer, over a public address system set up inside the theater, and the response was then given by either RAdm. Freeman or Dr. Hollingsworth—sometimes by both.

In addition, further written and verbal

questions were accepted from the audience whose members agreed almost wholeheartedly by a show of hands at the conclusion of the meeting that this method of exchanging information was worth the effort.

Beginning in chronological order, the first of the questions to be answered involved the matter of military officers being appointed to head technical departments on the Center, as has been rumored. "Anyone who heads a department does so because he has the ability to do so," Dr. Hollingsworth

stated, adding that at the Naval Air Development Center, where he served as technical director for two years before coming to China Lake last July, military officers were in charge of three out of four departments.

He foresees no great influx of military personnel aboard the Center, RAdm. Freeman said, because the Navy overall is being reduced in number, but the effort will continue to be made to get the best officers available for assignment here.

(Continued on Page 4)



Naval Weapons Center
China Lake
California

Vol. XXIX, No. 48

CPO Club To Be Setting Tuesday For Bluejacket of Year Banquet

Tickets are going fast for the annual Bluejacket of the Year awards banquet, set for Tuesday night at the Chief Petty Officers' Club.

"There are still some tickets available, however, and I sincerely hope that all persons in the Indian Wells Valley who wish to honor the most outstanding sailor and his peers of 1974 signify that desire by attending," said Mike Molner, president of the IWV Council of Navy League, sponsors of this annual event.

The price of the banquet is \$7.50 per person. Tickets are available from Molner, phone 446-2300; Vern Smith, 446-4806; Budd Gott, 446-7562; or Linda Grossman, ext. 3110 or 3111. Mrs. Grossman works in the Public Information Office, Code 003, Rm. 2027, Administration Bldg.

A no-host cocktail hour at 6:30 p.m. is to be followed by dinner, and the awards ceremony, during which the most outstanding sailor of 1974 stationed at NWC will

be announced.

Nine former Bluejackets of the Month over the past year are eligible for Bluejacket of the Year honor. A selection committee, led by Cdr. Fred G. Spellman, has already met and determined the winner. However, the selectee's name is in a sealed envelope and is known only by Cdr. Spellman.

Those who are eligible are AT2 John V. Bateman, ETN2 Donald L. Barker, PR2 Gregory Brown, AMH2 Roy S. King, YN1 Raleigh J. Nauta, AZAN Tyrone O'Neal, A01 Kenneth J. Reichart, ADJ2 C. Ray Taylor and AMS3 James A. Vaughan. Others who have been monthly winners but who are not eligible for the yearly honor since they have been transferred from China Lake, or because of promotions, are AME2 Phillip M. Pence, DTPC John S. King, and AO Jack Wilson, Jr.

Last year's Bluejacket, HMC Dick Clay, (Continued on Page 7)



OUTSTANDING EFFORT RECOGNIZED — Edward W. Price, head of the Research Department's Aerothermochemistry Division, was honored Tuesday night by being singled out to receive the Navy Superior Civilian Service Award. The award was presented to Price by Rear Admiral R. G. Freeman III, NWC Commander, acting on behalf of Admiral I. C. Kidd, Jr., Chief of Naval Material. The ceremony took place during a retirement party for Price, who has been at China Lake since coming here as a Navy enlisted man in August 1944.

Ed Price Retires, Receives Navy Superior Civilian Service Award

Presentation of the Navy's second highest honorary award — the Navy Superior Civilian Service Award — highlighted a retirement party held Tuesday night for Edward W. Price, head of the Research Department's Aerothermochemistry Division.

This latest honor tops an extensive list of notable achievements by Price, who first came to China Lake as a Navy enlisted man (aviation ordnanceman 3rd class) in August 1944 for duty as an ordnance engineer on rocket development programs then being carried out by CalTech.

Discharged from the Navy in January 1946, Price was immediately hired as a physicist in the old NOTS Rocket Department and assigned to carry out work on the design and test of propellant charges, igniters and internal ballistics.

Price, who has held his present position as head of Code 608 since October 1968, is leaving China Lake after more than 30 years to become a professor at the Georgia Tech School of Aerospace Engineering in Atlanta, Ga.

The Navy Superior Civilian Service Award was presented to this outstanding NWC employee by Rear Admiral R. G. Freeman III, Center Commander, on behalf of Admiral I. C. Kidd, Jr., Chief of Naval Material.

On the certificate which accompanied the award, Price was cited for his research efforts in the basic areas of combustion and fluid dynamics, as well as in the interdisciplinary fields of aerothermochemistry and propulsion research.

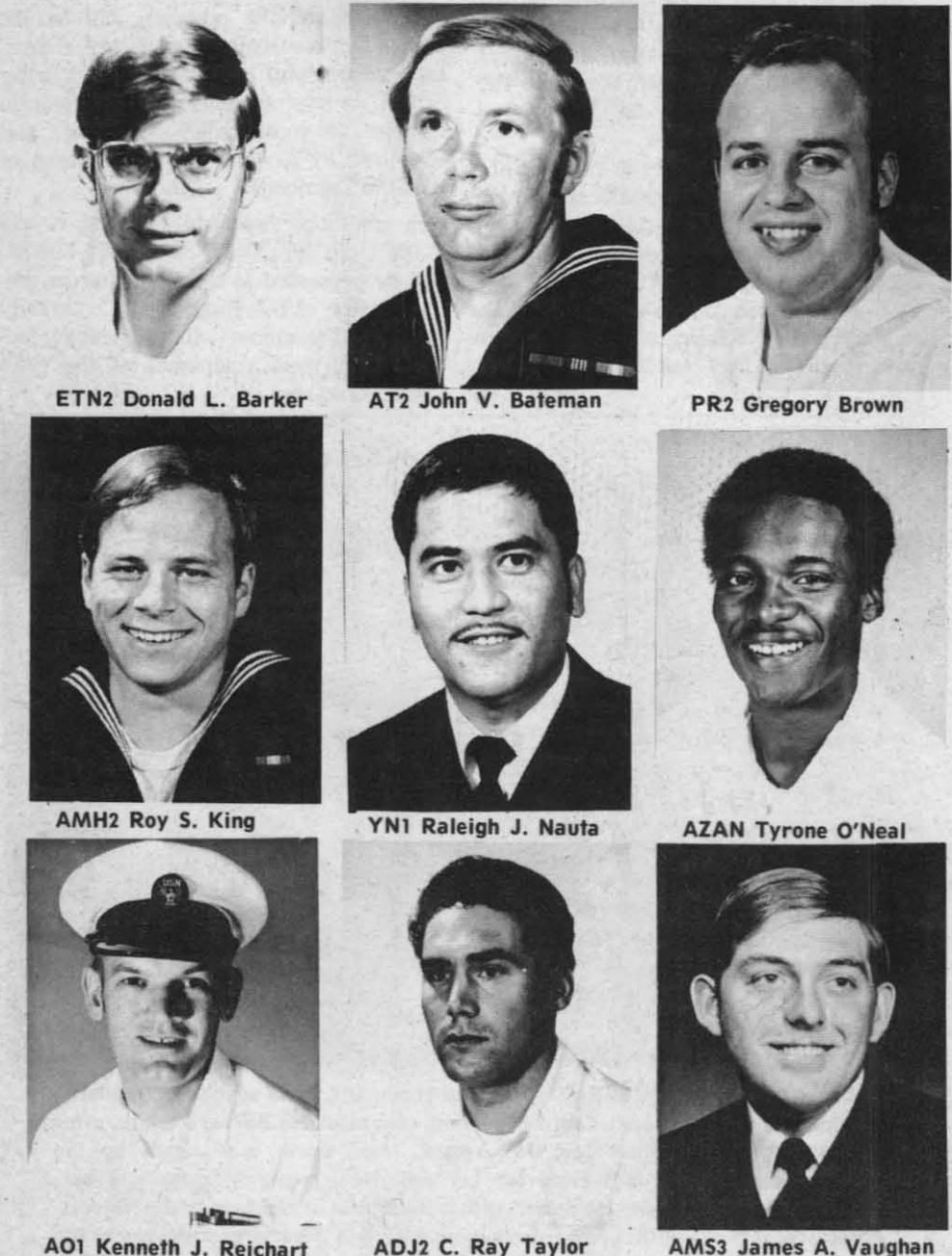
In addition to the certificate, Price also received both a medal and a lapel bar as part of the Navy Superior Civilian Service Award.

The citation read, in part: "Over the past 23 years, you have become an international authority on the combustion of solid propellants for rocket development (Continued on Page 5)

Series of Articles On Medical Care Prepared

Vital information regarding the Navy's program for providing medical care for active duty and retired military personnel and their dependents can be found on Page 8 in this issue of The ROCKETEER.

Because of the importance of this information, it is recommended that readers who are affected by the necessary cutbacks in medical service clip and save this and following articles in the series that will be published in ensuing issues of the Center newspaper.





COMMUNITY ACTION ENDORSED — Rear Admiral R. G. Freeman III (at right), Commander of the Naval Weapons Center, this week added his endorsement to a proclamation co-sponsored by the China Lake Community Council and the Ridgecrest City Council which designates December as "Safe Drinking and Driving Month." The proclamation held by RAdm. Freeman was prepared by a recently-formed community action group called the Committee on Responsible Drinking (CORD). Gene St.-Amand (second from left), of the Desert Counseling Center staff, is coordinating the committee's efforts. Signers of the proclamation were Bob Fletcher (at left), president of the China Lake Community Council's board of directors, and Dr. Rex Shacklett, major of the City of Ridgecrest, who is standing between St. Amand and RAdm. Freeman. The purpose of CORD is to develop a program to combat alcoholism and abusive drinking in the local area.

Chanukah Celebration To Begin Sunday When Jewish Congregation Lights Candle

The 10-ft. high candelabra which adorns the south wall of the East Wing of the All Faith Chapel commemorates once again the first successful struggle for religious freedom in recorded history — the victory of the Maccabees against Hellenism and the Syrians in the second century before the common era.

The revolt, led by Judah the Maccabee, won for the ancient Jews the right to worship their God and to rededicate the Temple in Jerusalem.

The eight day celebration, which begins Sunday — called Chanukah — has come down through the years as an important

Jewish festival centering around the home and the children.

Locally, members of the Jewish congregation will light the first of the eight candles in a Menorah (a candelabra with eight holders, plus one for the "pilot" candle) on Sunday evening. Another candle is lit each successive night during the holiday.

On Friday, Dec. 13, in the East Wing of the Chapel, the congregation will stage its traditional Chanukah potluck dinner at 6 p.m. prior to the regular evening services at 8 o'clock.

The Rocketeer

Official Weekly Publication
Naval Weapons Center
China Lake, California

RAdm. Rowland G. Freeman, III
NWC Commander

Dr. G. L. Hollingsworth
Technical Director

C. E. Van Hagan
Head,
Technical Information Department



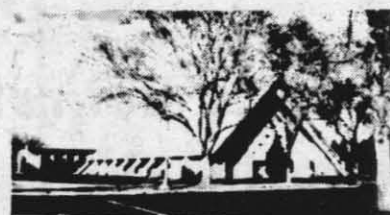
Don R. Yockey
Editor

Jack C. Lindsey
Associate Editor

Diane Coryell
Editorial Assistant

Ron Allen, Maurice Dias
Staff Photographers

DEADLINES: Tuesday, 4:30 p.m.
Photographs Tuesday, 11:30 a.m.
The Rocketeer receives Armed Forces Press Service material. All are official U. S. Navy photos unless otherwise identified. Printed weekly with appropriated funds by a commercial firm in compliance with Nav Exos P35, revised January 1974. Office at Nimitz and Lauritsen. Information published in the Rocketeer does not necessarily reflect the official views of the Department of Defense.
Phones 3354, 3355, 2347



DIVINE SERVICES

PROTESTANT		
Sunday Worship Service		1015
Sunday School — All Ages		0900
Wednesday Noon Bible Study		1130
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	1700 fulfills Sunday obligation	
Sunday	0700, 0830, 1130	
BLESSED SACRAMENT CHAPEL MASS		
Daily except Saturday		1135
CONFESSIONS		
Saturday	1545 to 1645	
Sunday	0800 to 0825	
RELIGIOUS EDUCATION CLASSES		
Sunday	Kindergarten thru 4th grades	1015
Pre-school		1130
Wednesday	First thru sixth	1530
	seventh & eighth	1900
	(Junior High)	
Above classes are held in Chapel Annexes across from Center Restaurant.		
As announced		
Ninth thru 12th grades		
"In Home" Discussion Groups		
Monthly Youth Rallies		
Contact Chaplain's Office for specifics.		
JEWISH SERVICES		
EAST WING — ALL FAITH CHAPEL		
Friday 1st and 3rd ONLY — (Sept.-May)		2000
Sabbath Services		0900
Saturday	Sabbath School	
UNITARIANS		
CHAPEL ANNEX 95		
Sunday	Services — (Sept.-May)	1930

PROMOTIONAL OPPORTUNITIES

Unless otherwise specified in the ad, applications for positions listed in this column will be accepted from current NWC employees and should be filed with the person named in the ad. All others desiring employment with the Naval Weapons Center may contact the Employment-Wage and Classification Division, Code 452, Ext. 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 concerning the Merit Promotion Program and the evaluation methods used in these promotional opportunities may be obtained from your Personnel Management Advisor (Code 454 or 457). Advertising positions in the Promotional Opportunities column does not preclude the use of alternate recruiting sources in filling these positions. As part of the rating process, a supervisory appraisal will be sent to the current supervisor and the most recent previous supervisor or those applicants rated as basically qualified. The Naval Weapons Center is an equal opportunity employer and selection shall be made without discrimination for any nonmerit reason. The minimum qualification requirements for all GS positions are defined in CSC Handbook X-118, while those for all WG, WL and WS positions are defined in CSC Handbook X-118C.

Secretary (Typing), GS-318-4/5, PD No. 7440080, Code 4008 — This position is secretary to Head, Advanced Aircraft Systems Program Office. Duties include keeping program manager's calendar, scheduling meetings, and conferences, arranging travel, typing a variety of reports and correspondence, receiving visitors and telephone calls, drafting inter-office memos and maintaining files. Job Relevant Criteria: Must be familiar with Navy correspondence format. Ability to meet deadlines under pressure.

File applications for above with Charlotte Siewkowski, Bldg. 34, Rm. 204, Ph. 3118.
Ordnanceman (EP&E), WG-4502-7 or 9, JD No. 247-2, Code 4569 — Assists in the assembly and disassembly of experimental ordnance items such as bomb fuzes, warheads and other compounds. Participates in the alteration or modification of similar units and various arming and firing devices. Reports test results. Fabricates fixtures to be used for tests. Job Relevant Criteria: Practical knowledge of explosives, aptitude or ability to work with new devices. Knowledge of machine operations. File applications for the above with Mary Morrison, Code 457, Rm. 210, Ph. 2393.

Job Opportunity

Recreation Aid, PA-0189-4 (\$2.61 p/h), PD No. 7455111. — This is not a Civil Service job. It is a part time position located at the Center Gym swimming pool, incumbent teaches swimming and diving techniques. Gives lifesaving and water safety instruction. Minimum Qualification Requirements: Must have current water safety instructor's certificate. Job Relevant Criteria: Knowledge of water safety instruction and lifesaving techniques. Approximately 20 hours per week.

Make Appointments Now For Special Dental Care

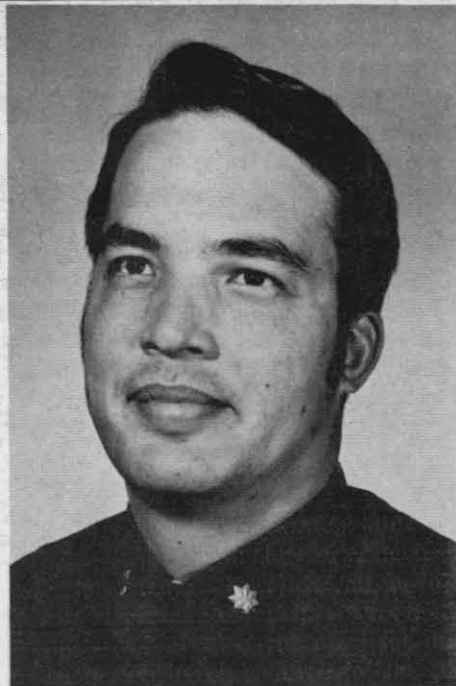
Plans were announced this week by the Naval Weapons Center's Dental Department for administering the three-agent Stannous Fluoride treatment to the dependents of both active duty and retired military personnel.

Dependents six years of age and over are eligible for this special dental care, which will be offered from Dec. 23 through Jan. 3. Appointments can be made by calling the Dental Department at NWC ext. 3581.

All eligible personnel are urged by Cdr. D. M. Barron, the NWC Dental Officer, to take advantage of this outstanding decay preventive treatment.



"CAN DO" AWARD PRESENTED — Joel Halop (l.), head of the Public Works Department's Maintenance Control Division, congratulates Barbara Smith, after presenting her with the "Can Do" award. Mrs. Smith, who heads up the Procurement Branch, was cited for her initiative, resourcefulness and perseverance in "getting the job done" with a minimum of red tape and problems. Halop presents one of these awards each quarter to a deserving employee of the Public Works Department. —Photo by Ron Allen



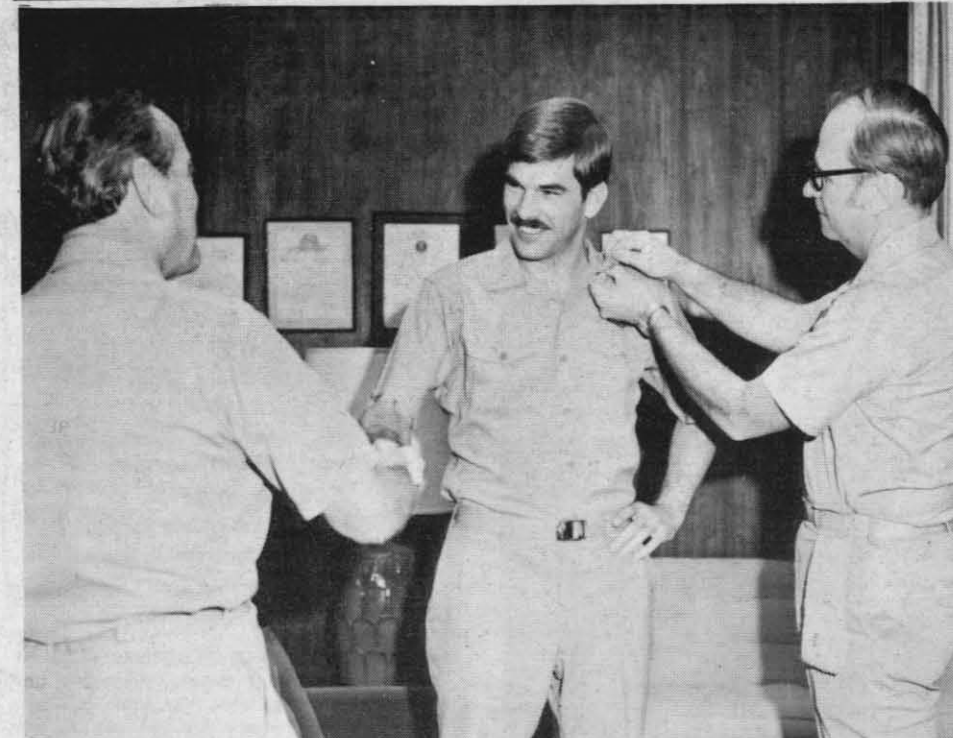
REPORTS TO NAF — LCDr. Henry K. Wong reported recently to the Naval Air Facility to serve as NAF's A-6 project officer, relieving LCDr. Howard Gulley. A veteran of 17 years in the Navy, LCDr. Wong was transferred here from Attack Squadron 115 in Japan. A Navy enlisted man for seven years, the new arrival at NAF was a yeoman 2nd class when he applied for the integration program that led to Officer Candidate School and later to flight training at Pensacola, Fla., and Beeville, Tex. After receiving his "wings of gold" in August 1966, LCDr. Wong served two combat cruises during the Vietnam war aboard the aircraft carriers USS Ranger and Coral Sea, and was in the midst of a third such cruise when the war ended. He was accompanied to China Lake by his wife, Monica, and their daughter, Marnie.

Music Program Set At WACOM Meeting

A program of Christmas music will be presented at the December luncheon meeting of WACOM, which is scheduled on Tuesday, following a 11 a.m. social hour at the Commissioned Officers' Mess.

Featured on the program will be the James Monroe Junior High School chorus, an instrumental quartet from Murray School, an interpretative dance by Georgia Knutsen, a local ballet instructor, and selections by a vocal sextet composed of WACOM members.

In addition, proceeds totalling nearly \$3,000 from WACOM's recent art auction will be presented to Gerald Esparcia, administrator of the Ridgecrest Community Hospital. The money will be spent for additional surgical equipment at the local medical facility.



TO WEAR LCDR. INSIGNIA — Being congratulated by RAdm. R. G. Freeman III, NWC Commander (l.), while Capt. T. C. Wimberly, NWC's Technical Officer, pins lieutenant commander insignia on his collar, is Eric Vanderpoel, who was recently promoted to that rank. Frocking is the terminology associated with the process whereby an officer receives all the rights and privileges of the next highest rank without receiving a pay raise. The ceremony is implemented when he has been selected for promotion, but has to wait for a promotion date. LCDr. Vanderpoel, who is the Military Assistant for Air Weapons in the Program Management Division of the Electronic Systems Department, has been at NWC since Dec. 15, 1972. He holds a BA degree in engineering from Clarkson College, Potsdam, N.Y., and entered the U.S. Navy in August 1967. He received his wings from NAS Kingsville, Tex. LCDr. Vanderpoel is a bachelor. —Photo by Maurice Dias

CHAMPUS- Approved Mental Health Care Centers Now Being Evaluated by DoD

The Department of Defense and the National Institute of Mental Health (NIMH) are joining forces to insure that proper mental and emotional health care is provided dependent children of military personnel at (Civilian Health and Medical Program of the Uniformed Services) CHAMPUS-approved residential treatment centers.

The two organizations will form a new program of treatment evaluation to review health care standards at these facilities. A select committee on psychiatric care and evaluation has been established to coordinate the activities of several professional

case review teams. These teams will, on a case basis, assess whether treatment in various facilities is appropriate.

Upon completion of the review and evaluation, the committee will make recommendations to the Department of Defense on standards for quality mental health care at these facilities.

CHAMPUS will still share the costs of authorized medical services and supplies obtained from civilian sources.

Women's Golf Club Reports Winner Of President's Trophy

The China Lake Women's Club held its annual President's Trophy tournament on Saturday and Sunday, Nov. 16 and 17.

Nancy Webster, after participating in an 18 hole play-off with Jay Mueller and Sue Bates, and surviving a sudden death play-off against Mrs. Mueller, was victorious.

Mmes. Bates, Mueller and Webster were tied with identical 146 net scores after the completion of the regulation 36 holes, and met in an 18-hole play-off on Wednesday, Nov. 20.

Both Mrs. Mueller and Mrs. Webster finished in a tie at the end of the 18 holes with identical scores of 75 net, forcing a sudden death situation, which was won by Mrs. Webster on the third hole.

Finishing in fourth place in the tournament was Nona Turner, while the fifth spot was garnered by Lee Lee.

Local Men Complete 26-Mile Marathon

Four members of the "Over the Hill Track Club" — Dick "Cinderella" Hughes, Frank Freyre, Paul Tjogas and Byron Richardson — entered the 27th annual Western Hemisphere Championship held in Culver City last weekend, and all four finished the 26.22 mile run.

Competing against more than 500 entries, Hughes placed 44th overall with a time of 2 hr., 47 min., and 38 sec., and Freyre was 48th overall. He posted a time of 2:28:53.

Tjogas came in 60th place, recording a time of 2:51:26, and Richardson finished in the 160th spot, posting a time of 3:22 for the event.

Employee In The Spotlight

Nearly everyone at the Naval Weapons Center has heard of the China Lake Community Council. However, not everyone knows what the council does.

Robert C. Fletcher, who has served as the Community Council's president for the past year, and as vice-president for the year before that, wants to get people more involved in the activities of the China Lake community.

Bob would like to see more participation in community affairs by the residents of the Center. "They are all members of the council. Perhaps they don't realize that," he said. The elected members of the council are merely representatives of the people who reside at China Lake.

"There are a number of important functions performed by the Council's board of directors, such as operating the TV booster stations on Laurel and "B" Mt., and appointing members to the Community Hearing Board and the NWC Policy Board. The council also serves and assists the Commander of NWC.

"We exist to provide a means for the betterment of the community, and also to provide a means by which the residents of the valley can contribute to that improvement. We could do this task much better with more participation by the residents," Bob pointed out.

Interested in Community

Although a China Lake employee and resident for only four years, Bob has served on the Community Council exactly half that time, such is his feeling for aiding and assisting the community in which he lives.

He was born in LaCrosse, Wisc., but raised in Spokane, Wash., where he was graduated from Lewis and Clark High School. He entered the U.S. Navy in 1942 and after boot training attended radar technician school at Utah State College in Logan, under the Navy's V6 program.

Robert C. Fletcher

After further training in aviation electronics at Corpus Christi, Tex., Bob was assigned to the National Bureau of Standards under the Bureau of Ordnance's Experimental Unit, where he helped to develop the first guided missile — the Bat. Following that, he was sent overseas to Okinawa where the missile was first used in combat.

After his discharge at the termination of World War II, Bob returned to his home state and attended the University of Washington in Seattle. He received a bachelor's degree in electrical engineering and rejoined the National Bureau of Standards in Washington, D.C.

Facility Moved to Corona

A year later, his facility was moved to the Corona Naval Ordnance Lab and Bob spent three years working for the Guided Missile Department. "I was in on the Petrel missile program while there," he noted.

In the middle of 1954, Bob took employment with Motorola Corp. in Riverside, and spent 14 years with that firm — five of them at the company's main plant in Scottsdale, Ariz. "That was an exciting time for me. I was project engineer for the development of the first transistorized microwave relay during that period, which was very satisfying," Bob recalled.

In 1968, he returned to Corona, and in 1970, came to China Lake. He is now the Time of Arrival program manager for the Electronic Systems Department's RF Development Division.

"Missiles and navigation guidance is my bag, and I like it," Bob said.

Council Business Takes Time

Most of Bob's time is taken up with his duties on the Community Council. He sits on the Council's Policy Board, which helps to establish community policy and is also the next appeal level above that of the NWC Hearing Board.

His wife, Frances, whom he met while both were working in Washington, D.C., and married in 1944, is a first grade teacher at Richmond School. The couple has two children. They are James, 22, who is a bank teller in Scottsdale, and Jeff, 18, a senior at Burroughs High School.

Bob's primary hobby is amateur radio. He claims to own one of the finest "ham" radio sets anywhere and frequently does a lot of public service work over the airways. Recently, he was very involved during the hurricane that struck the South American country of Honduras.

He also plays golf as much as possible and enjoys fishing and camping. He indulges in a little traveling as a member of the NWC Recruitment Panel and occasionally critiques Frances' hobby of raising plants.

December Is Safe Drinking And Driving Month



The signatory trailer for ABC's Wide World of Sports begins with "The Thrill of Victory... the Agony of Defeat," and shows movie clips of Pele, world famous Brazilian soccer player scoring a goal, and some unfortunate ski jumper smashing his supple body to bits.

Each weekend in my living room, my family is wrung out to dry by Superfan — my knowledgeable wife — who runs the gamut from victory to defeat, agony to ecstasy, tears to laughter, screams of joy to utter depression, while watching various sports shows on the tube.

Seldom, however, do we see the entire range of emotions during one sports contest as we did last Saturday when the USC Trojans wracked up the Fighting Irish from Notre Dame University.

At the end of the first half, with the Irish leading 24-6, my Patsy was in a dark mood. She hardly found the strength to munch a turkey leg, left over from Thanksgiving Day, and choke down a bowl of chocolate fudge pudding, her favorite.

When Anthony Davis opened the second half with a 102-yd. scoring burst to put the Trojans another six points on the scoreboard, tears ran down her cheeks and she turned to me and said, "Well, we may lose the game, but at least he'll win the Heismann Trophy now."

Her mood, however, remained clouded. I repaired to the den to read my latest copy of Playboy Magazine while the wife decided to stay in front of the TV set and suffer. Scant minutes later she burst through the door with the announcement that A.D. had scored again and the Trojans were threatening to catch Notre Dame.

At her insistence I returned to the living room and watched history being made. At the end of the game, with Notre Dame the losers, 55-24, the wife was full of joy for the world. Spouting statistics, past history, premonitions of disaster for Ohio State on New Year's Day in the Rose Bowl, and predictions of the Heismann for Davis, my wife was ecstatic. I, however, was in a deep depression.

How do I tell her I voted for Archie Griffin?

Open Bowling Schedule

At Hall Lanes Announced

The following hours for open bowling at Hall Memorial Lanes will go into effect immediately and continue until May 1975.

Day	Hours
Sunday	11 a.m. to 5 p.m.
Monday	11 a.m. to 6 p.m.
Tuesday	11:30 a.m. to 6 p.m.
Wednesday	1 to 6 p.m.
Thursday	11 a.m. to 1 p.m.
Friday	11 a.m. to 6:30 p.m.
Saturday	3:30 p.m. to 1 a.m.

In addition, the hours between 3 and 6 p.m. on Thursdays will be set aside for open bowling.

Beginning Dec. 23 and continuing through Jan. 1, 1975, there will be open bowling on Sundays through Fridays from 11 a.m. to 11 p.m., and on Saturdays from 11 a.m. to 1 p.m.



TWO POINTS — T. J. Searcy (in white) leaps high for a basket during the game between the Cerro Coso Coyotes and West Hills Community College last Saturday night. The visitors won the contest, 91-51. Defending (in black) are Carl Williams (No. 32) and Jim Bates (No. 14). Williams made junior college All-American last year. The Coyotes will meet Cal Poly at San Luis Obispo's junior college team at 3 p.m. today in the Burroughs gymnasium.

—Photo by Maurice Dias

Despite Losses, College Coach Happy With Cagers' Performance

"I'm real proud of my team. The players showed a lot of class on the floor against both teams last Friday and Saturday. We could have given both of them a real tussle if we just had some more height and a bench to go to," said Morris Scharff, coach of the Cerro Coso Community College basketball team.

The fledgling cagers played their first two games last weekend against teams from Porterville and West Hills Colleges. On Friday night, the Cerro Coso Coyotes were drubbed, 87-57, and on Saturday night, West Hills drowned them in an avalanche of points, 91-51.

However, on both nights, Ricky Richison, Coyote center, was high point man, scoring 25 against Porterville and 33 points against West Hills.

"They did a good job, executing well and worked very hard," said Scharff. "We hurt a little on defense, but we're short compared to the other teams. In fact, the entire starting line-ups from both colleges were taller than our tallest man, and that's difficult to overcome. But I'm not making excuses... we did well," the Cerro Coso athletic director added.

T. J. Searcy, who also plays center for Cerro Coso, tallied 10 points against Porterville. Others on the Coyote team who scored in that game were Charles Ray, a forward, and Greg Lane, a guard, who hit 8 points each, and Mike Pangle, forward, with

Varsity Cage Team For Women Planned By Special Services

John Dunker, manager of the Hustlers, a women's basketball team presently competing in the China Lake Intramural Basketball League, is looking for women interested in joining the varsity team.

The team, which will represent NWC in various tournaments, is open to all women over 18 years of age.

The numbers to call is 375-9362, for Dunker, or the Center gymnasium, NWC ext. 2334.

Wilt's Corner

Announcements about a judo tournament to be held at the Naval Training Center in San Diego on Sunday, Jan. 12, 1975, have been received at the Center gymnasium.

In addition, Wilt Wyman, director of athletics and youth activities at NWC, has also been informed that a racquetball tournament has been set for Jan. 13-17 at the Naval Air Station Miramar, and a basketball tourney is slated Jan. 20-24 at the NTC San Diego.

Persons who desire to compete in any of the above listed events are asked to contact Wyman at NWC ext. 2334 or 2571.

Hoop Team Tryouts

Tryouts for the NWC Varsity basketball team will be conducted this evening, beginning at 7 o'clock at the gymnasium. All men, military and civilian, are eligible. However, for the 11th Naval District competition, only military personnel will be allowed to enter.

Handball Tourney

A handball tournament will begin on Tuesday at 5 p.m. The court will be closed to all except tournament players on that day, as well as on Dec. 11 and 12. Wyman stated that top entries in the tournament are Verl Lillywhite, Rick Roberts and John Saitz. However, with more than 16 entries in each of two divisions, anything can happen in the double elimination tournament.

Racquetball

Entries will be accepted until Jan. 8, 1975, for the racquetball tournament scheduled to begin on Jan. 14. Entry blanks are available at the gymnasium office.

Burros Edge Agoura; Face Arlington In CIF Grid Tilt Tonight

Fighting back from a deficit all night long, the Burroughs High School Varsity football team mounted a scoring drive with 1:58 remaining in last Friday night's second round CIF playoff game to edge the Agoura Chargers, 26-24.

Trailing 16-0 after only 2½ min. of football had been played in the first quarter, the Burros chipped away at Agoura's lead, scoring once in the first period, twice in the second quarter, and once in the final minutes of the game to earn a berth against Arlington High School tonight at Burroughs Stadium. Game time is 8 o'clock.

The winning touchdown came on an 8-yd.

Tickets for tonight's third-round CIF 2-A Division football game will go on sale at 6 o'clock at Burroughs Stadium. The price for adults is \$2.50 and children under 12 years of age must pay \$1.

The NWC Public Works Department is erecting some extra bleacher seats to help accommodate the expected large turnout. In addition, Burroughs High School administrators intend to sell "standing room only" tickets in order to give everyone an opportunity to see the contest. SRO ducats are priced the same as all others.

slant off right tackle by junior tailback Mark McDowell, who tallied three times in the game and gained 142 yds.

McDowell's first TD came in the first quarter on a 72-yd. run down the sidelines to cut the Charger's lead to 16-6. Kevin Smith, Burros' quarterback, then made a two-point conversion on a QB keeper, and the Burros had cut their opponents' lead to 16-8.

McDowell recovered a Charger fumble early in the second period and then slammed in from the 5-yd. line two plays later to reduce the lead by Agoura to 16-14.

However, the host team (the game was played at Pierce College Stadium in Woodland Hills), padded its lead a few minutes later on a 82 yd. run by Charger tailback Dave Hammons to 24-14. This was cut to 24-20 by the Burros in the closing minutes of the half when Smith hit Steve Blanche with a 22-yd. scoring pass.

NWC Fire Division Offers Safety Tips For Holiday Season

The Christmas season usually goes hand in hand with traditions. Many traditions revolve around the decorating of the Christmas tree, and the purchasing of gifts for loved ones and friends.

Underwriters Laboratories Inc., a non-profit organization testing for public safety, and the NWC Fire Division fire department, would like to offer a few tips to help make your holiday safe — not sorry.

When purchasing your Christmas tree this year, buy a firm, fresh tree. Store it in a cool place with the base of the tree in water—until ready to be decorated.

If you prefer an artificial tree—be sure to look for the UL Label when making your purchase.

DO make a check of the decorations you use:

Remember to check the decorative lighting strings for frayed wires, broken cords, and loose sockets. These conditions pose potential electrical hazards. Use only light strings that bear a UL Label.

When trimming the tree, avoid using candles or other decorations that may ignite easily. Keep the tree away from the fire place, radiator, and the TV set—any source of heat may cause the tree to become dry, thus creating a fire hazard.

DO NOT overdo it: Be sure not to overload the electrical circuits in your home. The wires that carry more current than they can handle may overheat and cause a fire. Read the manufacturer's instructions on lighting strings carefully and do not use more than the recommended number of lights on one circuit.

Christmas decorations are beautiful—and very pleasant to look at. However, when you leave your home or retire for the night, turn off the light sets, colored spot lights, or other decorations.

DON'T settle for the unknown:

When purchasing gifts for the people you care about take time out to check for the UL Label. Gifts of electric food blenders, hair dryers, hot combs, and the like are tested for safety by Underwriters Laboratories. Show that you care—check for the UL Label.

Be safe and happy this Christmas season. When preparing for the holidays take the extra steps to show you care—follow the do's and don'ts outlined above. You'll be glad you did.



AIR FORCE GENERAL VISITS NWC—Brigadier General C. E. Shannon, USAF, Vice Commander of the Oklahoma City Air Logistics Center, paid a recent visit to the Naval Weapons Center for a briefing on test work that is being carried out on the A7-D Corsair II aircraft—the Air Force version of the Navy A7-E. General Shannon (2nd from left) is shown listening to Rod Lubben (at left) the A7-E Program flight simulator project engineer in the Weapons Development Department's Avionics Division. Other NWC employees who joined in the discussion with the visiting Air Force general were (on right) Carl W. Hall and Dan Allen, who are the simulator systems analyst and A7-E systems engineer, respectively. A team of Air Force civilian and military personnel has been working here since last February on the A7-D with their NWC counterparts. This group is headed by Lt. Col. James R. Rozinek, USAF, the project officer, who is also officer-in-charge of the 57th Fighter Weapons Wing, and Chuck Pierce, the team leader of a group of seven Air Force civilian employees.

—Photo by PH2 D. W. Yeatts

\$100,000 TV Booster Station Fund Drive Will Open Dec. 14 With Gala Show at Joshua Hall

What will probably be one of the largest community efforts in the history of the Indian Wells Valley will take place on Dec. 14 at the Desert Empire Fairgrounds when various local organizations and individuals will get together to stage the kickoff for the upcoming TV Booster Station fund drive.

Singing groups, bands, gymnasts, dancers, and Santa Claus will be at Joshua Hall on the fairgrounds from noon to 8 p.m. to entertain an expected capacity throng of valley residents at the "TV Booster Bash," which will signal the beginning of a fund drive that has a goal of \$100,000. This money is needed to replace the present equipment with new equipment that will meet FCC regulations.

Already signed up for this special event

are the Madrigal Singers from Burroughs High School (led by Alan Kubik), the Sweet Adelines and Barbershoppers singing groups, the Indian Wells Valley Gymnastics Team, the Jim Dandies Square Dancers, Tony Garrett's rock and roll group, some vocalists, including Jack Lindsey, LeRoy Carson, Susan Runge, and Angie Lindsey, a country and western group led by Joe Jones, choirs from the Grace Lutheran Church, the Union Mission Baptist Church, Cerro Coso College, and the All Faith Chapel, Bea Moore's Valley Troubadours, and a surprise western recording star, plus the promise of an appearance by Sean Dean, folk singer who has played to packed audiences at the Troubadour, in Los Angeles.

More Entertainment Sought

By show time on Dec. 14, it is hoped that other community groups and local talent will have agreed to appear for this worthy cause.

A committee, led by Pat Leopard and Jack Lindsey, is presently coordinating plans for the event. Helping them are Sue Byrd, women's group coordinator; Bob Fletcher, president of the China Lake Community Council; Don Stanton, chairman of the Council's TV Booster Committee; Weldon Sparrow, who represents the Ridgecrest Chamber of Commerce; Dorothy Stack, president of the Inyokern Chamber of Commerce, and Dick Mahan, a member of the Booster Committee and the Community Council. Also giving a big hand is Audrey Nelson, of the Ridgecrest CoC.

Santa To Be Present

The afternoon will kickoff with an appearance by Santa Claus at noon. The jolly old elf will be flown in from the North Pole via a Naval Air Facility helicopter. He will remain at the fairgrounds until approximately 6 p.m., talking to children, taking down their Christmas gift lists, and dispensing candy canes and other treats.

Food booths already located on the fairgrounds will be opened for business, dispensing sandwiches, hot dogs, hamburgers, soda pop and beer to hungry patrons.

"Although this will be a lengthy affair, we naturally don't expect the majority of people to arrive at noon and stay until it's over at 8 p.m.," said Mrs. Leopard. "Next week, the times that the various ent-

Navy Gives Help To Disadvantaged Via Project Handclasp

A new Navy project is being established to facilitate maximum participation in people-to-people programs by Navy and Marine activities.

Part of the Navy Handclasp program, Project Handclasp will make it possible for Command-sponsored and civilian charities to help disadvantaged people in Okinawa, Taiwan, Hong Kong, the Philippines, Japan, and all other ports visited by Navy ships departing San Diego.

Humanitarian, educational, and goodwill supplies collected by charitable organizations will be stored by Project Handclasp in a large, new warehouse and will be transported in Navy ships to their destinations.

In addition, Project Handclasp offers to supplement in equal quantity material collected by Command-sponsored activities for shipment to orphanages, leprosaria, schools, and other charitable institutions in countries visited by San Diego-based ships. The most desirable sorts of material for overseas distribution are suitable foodstuffs, lightweight clothing, medical equipment, hospital supplies, tools, soap, books, and toys.

Further information on the services of Project Handclasp may be obtained from the West Coast Director, Project Handclasp, c/o Headquarters 11th Naval District, San Diego, 92132.

tertainers will be on stage will be printed in both of the valley's newspapers, as well as broadcast over the two local radio stations. That way, residents can pick out the acts they want to see and hear," she explained.

"We plan to make this a family affair, for obvious reasons," she went on. "Although \$100,000 is needed to replace our equipment to meet FCC standards, we have broken this down to approximately \$20 per household. That figure seems more manageable," she added.

Price of Admission

The price of admission to the TV Booster Bash will be \$5 per adult and \$1 for children under 12 years of age. All of those who attend the Dec. 14 affair will be given a receipt and the amount paid can be deducted from the \$20 donation needed from the individual families in the valley. Each family that has contributed \$20 will receive a "stock" certificate, which may be hung in a window, signifying that they have donated their "fair share."

"That way, when we start a door to door campaign early in 1975, families displaying a stock certificate will not be asked again," Mrs. Leopard explained.

Jim Rieger, a television engineer who will be overseeing much of the work in changing over the equipment at Laurel and "B" Mountains, stated that the entire \$100,000 is not needed before work can begin. "As soon as we have enough money to start work, we will do so. It will take approximately \$12,000 per station for the first three channels to be changed over, and probably less per channel after that," he noted.

Many residents are already donating money to the fund drive. Those who wish to do so by mail can send a check to: China Lake Community Council, P.O. Box 5443, China Lake, CA 93555.

Committee To Man Booth

A booth will be set up at the fairgrounds on TV Booster Bash day manned by members of the TV Booster Committee, who will take donations and answer questions.

"We know that some people are confused about what is going on, and we will be happy to explain it to them in person," said Don Stanton, head of the committee. "This is really a very serious matter. The Federal Communications Commission has said we have to legalize our equipment or go off the air, so that makes it imperative we raise the money," he concluded.



HAWAIIAN VISITOR — Capt. William A. Kakanui, Jr. (at left), Deputy Commander, Operational Test and Evaluation Force, Pacific, visited China Lake earlier this week and was presented a NWC plaque by Rear Admiral R. G. Freeman III, NWC Commander. Purpose of the visit by the U.S. Navy officer, who is a full-blooded Hawaiian, was to receive briefings on certain Center programs and learn more about project work being conducted by Air Test and Evaluation Squadron Five. He also toured Echo Range.

—Photo by Ron Allen

NWC Management Discussed ...

(Continued from Page 1)

"Continuity is one of the most overworked words we have in the Navy shore establishment," RAdm. Freeman commented regarding a point of view raised by one questioner, who contended that the Air Force has suffered because of a lack of continuity. "I look at the quality of the people we have in the military," the Center Commander stressed.

He has no plans to retire next June (as some rumors have it), but instead hopes to remain at NWC for a complete tour of two years duration, RAdm. Freeman said. Anything is possible, however, he admitted.

The relationship between the NWC Commander and Technical Director was a subject addressed by Dr. Hollingsworth. "The Technical Director and NWC Commander must work together, and somehow I don't feel like a shadow," Dr. Hollingsworth commented when the question was raised as to whether or not he is his own man and has a strong enough voice as Technical Director.

Long-Standing Habit

"I have a management habit of trying to learn about a place before making any waves," Dr. Hollingsworth added. "If RAdm. Freeman and I have to argue, we've lost the ability to communicate," he noted.

While there is a definite trend toward tri-service operations, he doesn't see any decrease in the Center's total workload because of the expertise developed at China Lake in numerous technical areas, the Center Commander told his listeners. Even though a certain program may be under the aegis of either the Army or Air Force, NWC will continue to make its contribution, RAdm. Freeman said.

Neither does he see the Air Force edging out the Navy in the field of tactical air weapons, since as long as there are aircraft carriers there will be tactical air weapons on board, RAdm. Freeman contended.

He expects to see few major weapons systems coming along in the future, but those that do will be geared more towards the electronics warfare field — something that bodes well for NWC because of its acknowledged expertise in EW.

Purpose Behind Planning

Getting more for the dollar that is spent is the purpose behind planning, the Center Commander continued as he explained that it will be January before the earliest results of the current NWC reorganization study will be known. "We have an obligation to spend money wisely and convince Congress we know what we're doing," RAdm. Freeman said as he pointed out that steps already have been taken to eliminate a layer of management at the Center.

Asked about the mechanics of selling a new technical program and obtaining funds for it, Dr. Hollingsworth replied that he doesn't expect more dollars to be available for this sort of effort. On the contrary, he pointed out, inflation will eat into the value of money that is available for financing everything that is done. The Technical Director encouraged scientists and engineers who may feel that they have a good idea, but can't get it past their boss, to write him a letter about it with a copy to their boss.

Open Door Needed

An open door whereby the bright idea can get around the system is needed, RAdm. Freeman agreed, adding that small programs must continue at the same time as the major efforts that involve considerable manpower.

Funding for this year is about the same as that of last year — without allowing for the effect that an inflation rate of around 10 per cent has on everything—those in the audience at Monday afternoon's meeting were informed. One of the consequences of this is a reduction in travel funds of between 10 and 30 per cent. Use the telephone and mail more for communication, NWC employees were urged.

Getting back to the question of the study now being carried out on reorganization of the Center, RAdm. Freeman emphasized that looking for ways to consolidate and become more effective is a dynamic and

continuous thing—not an indication that things were done incorrectly in the past. He sees reorganization as a refocusing indicative of a difference in direction and a chance to combine different organizations together.

Asked if some of the goals of the reorganization could be mentioned, even if the results aren't yet available, the Center Commander replied that among several matters under consideration, a look is being taken at the proliferation of departments that have the responsibility for interdependent parts of the same technical program. What he would like to see is a decrease in the span of control that he, the Technical Director and the Deputy Commander have to work within.

Advance Planning Required

In contrast to the Center's 1-year budget plan, the Navy itself has 2, 5 and 12-year plans, and it is for this reason that the Center is now endeavoring to develop its own advance planning, RAdm. Freeman continued.

Asked to summarize the results of the recent Inspector General team survey of NWC, the Center Commander stated that this rating of the operations at China Lake ranged from good to excellent. "The things the Inspector General recommended won't be too hard to manage," RAdm. Freeman said, but also noted that control of government property in the supply area is a serious matter.

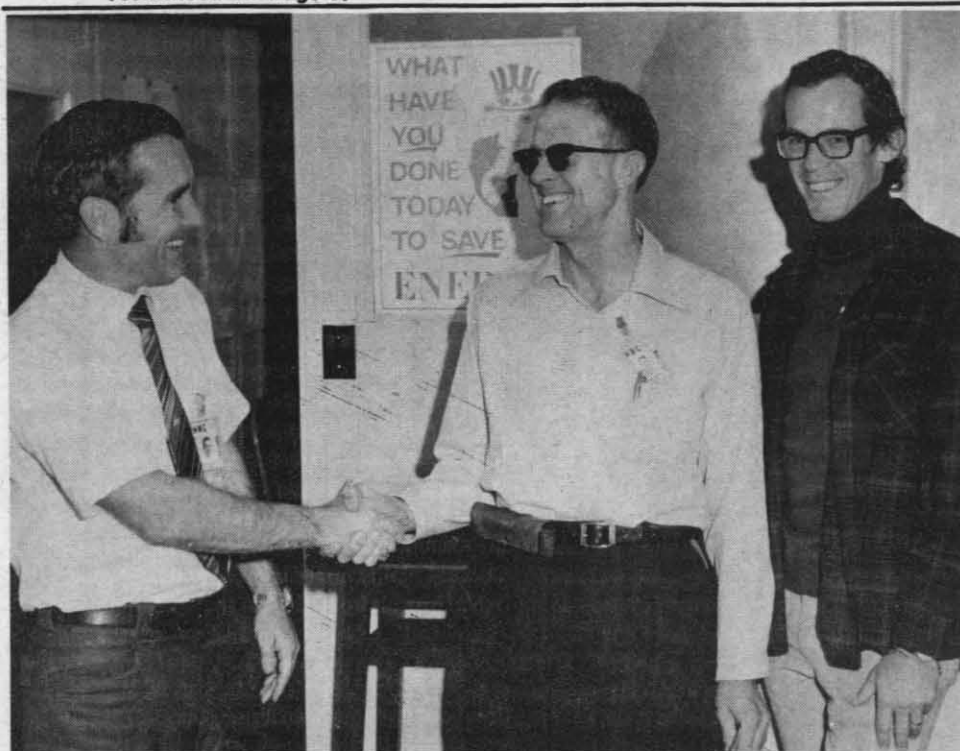
"My view is that we got a grade of A-minus," Dr. Hollingsworth commented on the same question. "Nothing gave me any heartburn at all," the Technical Director added before expressing the wish that those who mentioned certain concerns to members of the IG team would feel free to relay them directly to the Center Command.

"Natural" for This Area

Development, in conjunction with the National Science Foundation, of a solar energy demonstration plant at NWC is seen as a "natural" for this area in using a portion of the Center's allocation of 5 per cent of its current budget for non-defense related work, Dr. Hollingsworth said in answer to a question raised on this subject. (Ed. note: In general, the guideline is equivalent to three per cent of manpower resources). At the same time, the Technical Director squelched what he called the common rumor that the Naval Air Development Center would close with the result that attack aircraft billets would be moved to China Lake.

"As far as I know, NADC will remain about the same — minus some 200 employees — while some tactical air weapons jobs will be moved here," Dr. Hollingsworth said even though he isn't sure how much added

(Continued on Page 5)



CONGRATULATIONS IN ORDER — D. J. Russell (left), head of the Electronic Systems Department, had a warm handshake for Reuben E. Nyswander, an electronics engineer in Code 3544, after presenting him with an additional patent award of \$100 for developing a short pulse magnetron transmitter. At right is Richard S. Hughes, a circuit design consultant in Code 35404, who received both an additional patent award of \$100 for his control converter amplifier, as well as \$150 as a special award for this same device. —Photo by Ron Allen



DING-A-LING AWARD — Joe McIntyre (r.), outgoing president of the Help Line board of directors, was presented the group's "Ding-A-Ling" award during the annual luncheon held recently. The award was in recognition of McIntyre's year of service as president. Audree Bricksen, newly-elected president for the coming year, made the presentation. Bill Arnold, vice-president and president-elect, looks on. Help Line celebrated its fifth birthday on Sept. 14 and received its 5,000th telephone call during the final week of September. The crisis intervention center's telephone number is 446-5531. Trained volunteers are on duty from 6 p.m. to 6 a.m.

HAPPENINGS AROUND NWC

The "Argus" Band, a local combo, will provide music for a dance at the Jolly Roger (Enlisted Men's Club) tonight, beginning at 9 o'clock.

Special in the dining room tonight at the Chaparral Club is a seafood dinner, which is assorted fish with lobster. Dinner is served from 6 until 9 p.m.

Walt Schimke, club manager, has advised members that the dining room at the Chaparral Club may be shut down completely if greater support is not provided. "Come to the Chaparral for fuel and then work it off dancing at the Jolly Roger," he urged.

Dance Set at CPO Club

George Barnard, manager of the Chief Petty Officers' Club, has booked "The Good Time Music Co." for a dance tonight from 9 o'clock until 1 a.m.

"All members and their guests are cordially invited to attend this affair," said the genial manager.

Garden Club To Meet

A talk on the subject of "Desert Soils" will be presented at a dinner meeting scheduled next week meeting by the Oasis Garden Club of Indian Wells Valley.

The speaker at this meeting, which will be

held on Thursday, Dec. 12, starting at 6 p.m. at the Chief Petty Officers' Club, will be Robert Roan, from the Tehachapi office of the State Department of Agriculture.

Reservations for the dinner, which is priced at \$6 per person, may be made by calling either Marion Kibbe at 375-5213, or Barbara Meggars, 446-2160.

Don't Mix Drinking, Driving

A talk about the necessity for mixing drinking and driving in a responsible fashion will be presented at a community information meeting next Wednesday, Dec. 11, starting at 7:30 p.m. at the Ridgecrest City Hall.

Charles Porter, a Kern County deputy district attorney, will be the speaker. The meeting is being co-sponsored by the IWV Community Safety Council and the Committee on Responsible Drinking.

Sick Call Schedule Changed

Hours for sick call for military personnel during the period of Dec. 16 through Jan. 3 will be from 8 to 11:30 a.m., Monday through Friday.

No appointments will be scheduled during this holiday period. All patients will be seen on a first come, first served basis. Emergencies will be seen at any time.

Obstetric appointments will continue to be scheduled, however. These hours have been established to allow the NWC Dispensary staff the opportunity to take leave during the holidays.

Cancer Program Slated

A Burroughs High School-sponsored program entitled "What Every Woman Should Know About Cancer" will be presented at 7:30 p.m. Monday in the local high school's lecture center.

The program will include the showing of three films, followed by a discussion period with Dr. Lon Graves and Dr. Robert Gilmer, of the Drummond Medical Group; Dr. Ron Hempling, on the staff of the NWC Dispensary, and Roberta Gates, RN, the Burroughs High School nurse.

Titles of the films to be shown are "Breast Cancer, Where We Are," "For a Wonderful Life," and "Jeanne."

AFGE Meeting Planned

Members of Local 1781 of the American Federation of Government Employees will hold their next monthly meeting on Monday, starting at 7 p.m., in the Joshua Rm. of the Community Center.

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

Local Man Scales Alps' Highest, Most Famous Peaks

By Jack Lindsey

Toni Hiebeler, world famous authority on mountains and the men who scale them, once said: "To the average flatlander, a mountain climber is, by definition, someone who has climbed the Matterhorn."

If what Hiebeler says is true, then Fred Camphausen, a systems analyst in the Systems Development Department, can now claim that he is a full-fledged mountaineer. Last summer, he and a friend, Jack Hawley, a fellow member of the Vagmarken Mountaineering Club of Los Angeles, scaled both Mont Blanc, in the French Alps, and the famous Matterhorn, near Zermatt, in the Swiss Alps.

As a member of both the China Lake Mountain Rescue Group and the Indian Wells Valley Search and Rescue Team, Campy has been called upon many times to climb above and descend below the ground during numerous searches initiated by the two life-saving organizations.

Locally, he has scaled most of the peaks available, including the East Buttress of Mt. Whitney (one of the more difficult ascents). In addition, he has traveled to Alaska, where he climbed Mt. McKinley, and to Peru, to take on four different peaks in the treacherous Cordillera Blanco—one of which was the Nevado Pucará.

"But, I'd never climbed the Matterhorn. So, this past August, I decided to spend part of my vacation in that pursuit," Campy explained.

The assault on Mont Blanc began on Aug. 1 when Campy picked up Hawley at the Geneva airport and drove to Chamonix in France. The climbers then took an aerial tramway to Bellevue, but arrived there too late for the last train to the glacier viewpoint at Stn. They camped out in a grass meadow near the Glacier de Bionnassay and began their ascent the following morning along an alternate route to the usual trail.

Final Ascent Made

The Mont Blanc ascent covers the final 3,250 ft. from the Aiguille du Gouter refuge, the usual starting point. Campy and Hawley decided to do some reconnoitering before making the climb. The pair started off leisurely, but, according to Campy, "Suddenly, we found ourselves very near the top, so we continued." After an easy 4½ hr. climb, the two men made it to the summit.

Mont Blanc, although it appeared "easy" to the two American climbers, is a treacherous mountain. Approximately 250 accidents occur on its slopes each year. "Eight climbers were killed 10 days before we made our climb, and two more deaths were announced soon after we completed our assault," Campy noted.

Next, on to the Matterhorn! Campy and Hawley drove to Taesch in the Mattertal (the valley where the Matterhorn is

Speed Limit Raised For Gov't Vehicles

Tom Boyd, head of the Public Works Department's Transportation Division, this week called attention to a change in regulations which makes it permissible for government-owned vehicles to be driven at a maximum speed of 55 miles per hour.

Previously, government-owned vehicles were limited to a speed of 50 mph.

Boyd emphasized that operators of government vehicles are urged to continue using driving techniques that conserve fuel. "Remember to avoid sudden bursts of speed, use the smallest size vehicle feasible for the job, and, above all, slow down," Boyd said.

Square Dance Scheduled

The Cactus Squares dance club will celebrate its 25th anniversary tomorrow night with a program that will feature Howard Rutledge, local caller.

Set for the Murray School auditorium, the dance will begin at 7:30 p.m. with a period for round dancing. Square dancing follows from 8 to 11 p.m.

Admission is \$2 per couple.

located). "The main industry in Taesch is a parking lot," Campy commented, noting that no tourist automobiles are allowed in the Swiss town of Zermatt. A short train ride took the men to Zermatt, where they boarded an aerial tram to Schwarzsee. From there, they hiked along a series of Alpine meadows to the Hoerli Ridge, where the climbers' Matterhorn hut is located.

All during their visit in the Alps, the two American members of the American Alpine Club were treated to the French and Swiss climbing chalet protocol. "Members of European climbing clubs got first call on beds, facilities, etc., and anyone else came second," Campy explained. "However, the number of climbers was fewer this year and we never had any problems," he added.

On the appointed day of the climb, Campy was too sick to make the ascent. Hawley joined another man and made the climb successfully, returning some 17 hours later. He told Campy that he would like to do it again, so the pair got up at 3 a.m. the next day and took off toward the peak.

"The route is mainly class 3 rock, exposed, but never lacking good holds. The way to the summit is marked by crampon scratches left on the rock by guides and other climbers, so it's a fairly simple climb," Campy said.

Perfect Day for Climb

"There are some class 4 to 5 pitches below the summit, but fixed lines, reducing the difficulty to class 3 again, have been left there. We had a rope but never used it. The summit (14,690 ft.), involving a final climb of 3,900 ft. from the hut, was reached in just six hours. We had perfect, warm, sunny weather and Jack and I lounged for an hour on the Italian summit," Campy recalled.

Campy chose to climb Mont Blanc and the Matterhorn for both practical and egocentric reasons. "Each offers a dissimilar, non-technical introduction to the Alpine climbing scene. Our climbs of the Alps' highest (Mont Blanc) and most famous (Matterhorn) mountains helped to satisfy a 'narcissistic' goal," Campy laughed.

Following his climbing expedition, Campy joined his wife, Martina, in Southern Germany and the two motored through Germany and France, visiting Martina's relatives.

"It was a lot of fun, but now I can get down to more serious climbing," he said. Campy intends to scale a peak in the Canadian Rockies next summer. "This one will be tough," he commented.



ON THE ITALIAN SUMMIT — Jack Hawley, a climbing friend of Fred Camphausen, is shown on the Italian summit of the Matterhorn, in the Alps. The photograph was taken by Camphausen and shows the Swiss summit of the famous mountain in the background. A close look will show four mountaineers resting on top of the Swiss summit.

Sierra Club Members Clean Up Litter, Erect Vehicle Barriers in Darwin Falls Area

A 30-member group of volunteers from the Sierra Club recently assisted the Bureau of Land Management by spending a weekend cleaning up litter and erecting vehicle barriers in the Darwin Falls area.

Darwin Falls is a beautiful desert canyon, which is rare in that it has a year-round freshwater stream and waterfalls. It is

located at the northern end of the Argus Mountain Range, near the historic mining town of Darwin.

In order to protect the canyon's natural values, and to enhance the quality of recreational activities that do not involve the use of off-road vehicles, the canyon has been classified by the BLM as "closed" to all vehicles.

Those involved in the cleanup effort were members of the Sierra Club's Desert Peak Section—a group active in climbing desert peaks throughout America's southwest deserts and the northern Mexican desert area. The volunteers removed about 3½ tons of debris and litter from the canyon area and constructed low vehicle barriers at the upper and lower ends of Darwin Canyon.

Lou Boll, manager of the BLM's Bakersfield District Office, stressed that "the barriers are only to stop vehicular entry, and the public is encouraged to use the canyon for other recreational activities. Walk-throughs were left in both barriers to facilitate entry into the area by hikers and horseback riders."

Darwin Falls is one of three areas of national resource land in the northern California desert that have been closed to vehicular travel (the others are the Saline Range and the Tortoise Preserve area).

Under the BLM's California Desert Program, vehicular use of the remaining national resource land in the northern California desert has been classified as either "open" to off-road vehicle use or as "restricted" by keeping vehicles to existing roads and trails. A map showing classifications for the entire California desert, along with detailed boundary maps of each "open," "closed," or "restricted" area, can be obtained at no charge from the Bureau of Land Management, 800 Truxtun Ave., Rm. 311, Bakersfield, Calif., 93301.



A WELL DESERVED REST — Fred Camphausen leans against a pole near the summit of Mont Blanc, the highest mountain in the Alps, after a 4½ hr. ascent made in one afternoon last August. Camphausen, a systems analyst in Code 51, and a friend, Jack Hawley, scaled the peak prior to journeying to Zermatt, Switzerland, where they climbed the famous Matterhorn.

'Toys for Tots' Benefit Slated Sunday, Dec. 15

Sparked by the NWC Marine Corps Liaison Office and the High Desert Detachment of the Marine Corps League, the annual Christmas season Toys for Tots drive is once again in full swing.

Highlight of the 1974 collection effort will be a country-western concert that has been scheduled from 6 p.m. to midnight on Sunday, Dec. 15, at Joshua Hall on the Desert Empire Fairgrounds in Ridgecrest.

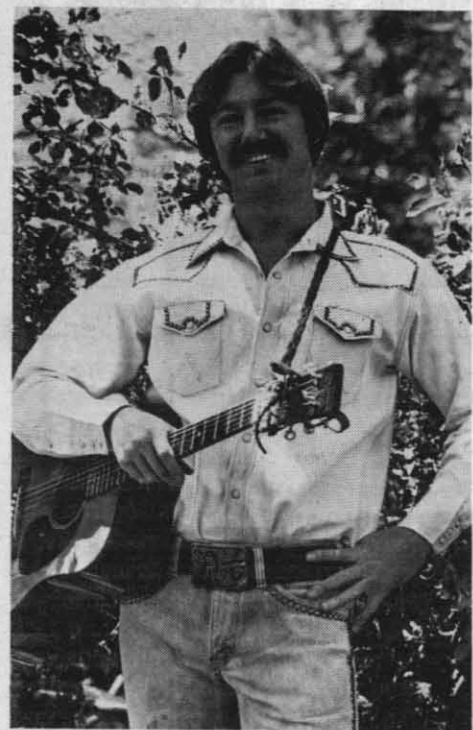
Among the headline performers at this event will be Randy Boone, a vocalist who is well known for his appearance on such TV programs as "The Virginian," "Wagon Train," and "Bonanza," and Mayf Nutter, whose credits include TV appearances on "Gunsmoke" and "Bonanza."

Nutter also is a writer of country and western songs whose talents earned him nominations in 1971 and '72 as the "most promising" male vocalist. Also in 1972, Nutter's name was embedded with those of other famous country and western music artists on the sidewalk at the Country Music Hall of Fame in Nashville, Tenn.

Two country and western bands will provide accompaniment for the vocalists who will appear here at the Dec. 15 Toys for Tots benefit. In addition to Boone and Nutter, the list of singers will include Fred Maddox and Sandi Thomas.

Admission to the program at Joshua Hall will be by the donation of either a new toy or \$5 per person.

Between now and Dec. 13, local residents who may wish to do their part for the Toys



Randy Boone

for Tots drive, but will be unable to attend the country and western concert, may deposit brand new (or used toys in nearly new condition) at the following locations:

The NWC All Faith Chapel, the Daily Independent newspaper office, the VFW Hall, the American Legion Hall, Cerro Coso College, or at the Inyokern Market.

The toys that are collected will be distributed to needy children in an area ranging from Lone Pine on the north to Red Mountain on the South, and from Searles Valley on the east to the Kern River Valley on the west.

Tryouts for Stage

Play Set Dec. 16-17

Tryouts for "Never Too Late," the next production of the China Lake Players' Hut, 405 McIntire St., on the Center. They will begin at 7:30 p.m.

The play is about a couple who have a grown daughter and are expecting another child after 25 years of marriage. Parts exist for three women and six men. The daughter is in her early 20s, while the other two women's roles call for someone in their 40s. The men's parts vary in age, ranging from the mid-20s to 40s and 50s.

Beta Sigma Phi Stages



MORE THAN 300 persons attended the fashion show on Dec. 2 and 3 sponsored by Beta Sigma Phi at the Community Center. Fashions from Mary Sue's, The Wildflower, Rene's and Adam's Den showed the fall styles of men's, women's and children's wear. Photos representative of some of the clothing displayed are shown above. They are (l.-r.): Zindi Homer in a lace trimmed tank top, pants and matching jacket, and (in the second photo), wearing Levi's and a western shirt. Next, Barbara Fredrick models a polyester suit with print jacket. Ed Whittington, in sports jacket, shirt and cap, wearing bell-bottom trousers, walks with Ronda Johansen, who is dressed in a playsuit with hearts printed on a blue background. In the final photo, Emma Brown displays a shimmering tank top, flared pants and jacket. Door prizes were donated by the merchants involved and all proceeds from this fund-raising event were divided between the various chapters of Beta Sigma Phi and the IYW Leukemia Fund.

Holiday Fashion Show



Navy Is Now Experiencing an Acute Shortage of General Medical Officers

(Editor's Note: This is the first in a series of articles on the subject of medical care for active duty military personnel and their dependents, as well as that which is available for men and women who have retired from the military service and their dependents. Those vitally interested in this matter may wish to clip out and save for their personal files this and subsequent stories that are published on this important subject.)

As most active duty and retired military personnel are aware, Vice Admiral David H. Bagley, Chief of Naval Personnel, writes, the Navy this fall began to experience an acute shortage of general medical officers.

This shortage, a result of the end of the draft, will see the number of general medical officers drop from a total of 1,827 to a total of 810 in fiscal year 1975.

"The impact of these losses, coupled with an increasing number of health care beneficiaries, has made it impossible for our medical facilities to provide all the medical care desired by all our Navy family," Vice Admiral Bagley wrote. Reduction in services provided at medical facilities, longer waiting periods for patients, and a possible limitation on the categories of beneficiaries who will be seen at Navy-operated

Career Woman To Speak at Meeting Of NWC Employees

Janice Kay, a personnel and vocational consultant and president of Career Information Systems, will speak next Wednesday, Dec. 11, at 11:30 a.m. in the Panamint Room of the Community Center.

Miss Kay will be on-Center from Dec. 11 through 13 to teach the popular course, "Career Development for Women."

Another in a monthly series of brown-bag lunch-time meetings, this opportunity to hear a self-directed successful career woman was arranged by Alice Pastorius, NWC Federal Women's Coordinator. Miss Kay will speak primarily to working women, although interested men are also invited.

Her talk, entitled "Getting Ahead Discreetly," will stress the responsibility an individual has to herself to take positive steps toward career advancement.

dispensaries are logical results of this 56 per cent decrease in general medical officer staffing, the Chief of Naval Personnel added.

Many people affected by the curtailment in benefits believe that lifelong medical care in military facilities is their unqualified right; however, in reality, under law, specifically Article 1071-1087, Chapter 55, Title 10 U.S. Code, as promulgated in Chapter 4 of SECNAVINST 6320.8D, the following three priorities for care in military medical facilities are prescribed:

Priorities Identified

First Priority — Active duty members—whose entitlement to care is absolute.

Second Priority — Dependents of active duty personnel and of deceased active duty members—care must be provided if it is available.

Third Priority — Retired members, their dependents, and dependents of deceased retired personnel—care may be provided if it is available.

Under the law, care may be denied to patients in priority three or two, and in that order, which is, of course, what may have to be done at some medical facilities.

"This is not to say," VAdm. Bagley emphasized, "that we have given up on this and that we are no longer concerned about those Navy people and their dependents who have given long years of faithful service to their country. To the contrary, we are and will continue to make every effort to take care of all of our beneficiaries."

Remedies Being Planned

As will be clearly evident in the articles that will follow this one, the Bureau of Medicine and Surgery and the Navy Department, in cooperation with DOD, are initiating a variety of programs to diminish the effects of the doctor shortages. The programs already approved and in operation will be fully explained in other articles in this series. They will cover such things as:

(a) A program for rehiring regular retired military doctors outside the provisions of the dual compensation act.

(b) A law offering military doctors a bonus of up to \$13,500 a year to remain on active duty.

(c) A comprehensive training program for selected hospital corpsmen who, upon

graduation, become warrant officer physician's assistants.

(d) A program whereby specially trained nurse practitioners assist doctors in medical facilities as pediatric, Ob/Gyn or family nurse practitioners.

CHAMPUS Is Available

Even with the aforementioned programs and others in planning, the doctor shortage will remain critical in many areas for the foreseeable future. Fortunately, the Civilian Health and Medical Program of the Uniformed Services (CHAMPUS) is available in most areas. CHAMPUS provides extensive outpatient and inpatient care in civilian facilities to dependents of active duty members, and for the first time to retired members, their dependents and survivors. Care under CHAMPUS is on a cost-share basis with both CHAMPUS and the patient paying part of the bill.

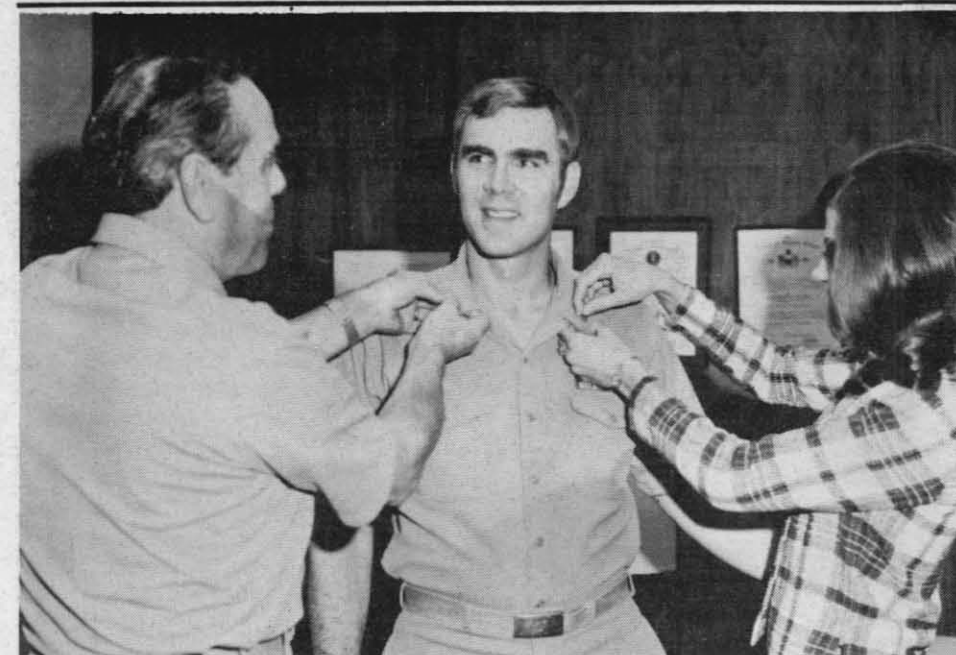
"Our Navy family is entitled to information on what the Navy is doing to alleviate this health care problem, and what they can do to help themselves," VAdm. Bagley continued. "It is particularly important to provide an accurate assessment to support our common retention objectives," the Chief of Naval Personnel added.

Spread the Word

To achieve this end, each flag officer, commanding officer and officer-in-charge is requested to undertake broad dissemination of the information, and develop a comprehensive information campaign with the objectives of explaining the Navy's current health care crisis; and correcting misinformation about rights to health care.

The necessity for informing the Navy family, including active duty, dependents, retirees and reserves cannot be over-emphasized. The information that will follow in later articles in The ROCKETEER is not all inclusive. It is designed to assist the NWC Command in preparing an information program to fit specific local requirements.

"Despite the difficult situation, let us not underestimate the resourcefulness of the men and women who comprise the Navy Medical Department. They have, as do all our members of the Navy family, a history of thriving on challenge. With your support, I feel confident that we can meet this challenge!" VAdm. Bagley concluded.



FROCKED — LCdr. William J. Erwin, Officer in Charge of EOD Mobile Unit No. 1, China Lake Detachment, was notified recently of his selection for that rank and had the new collar insignia pinned on during a "frocking" ceremony recently in the NWC Commander's office. Shown helping him are RAdm. R. G. Freeman III, NWC Commander (l.), and LCdr. Erwin's wife, Jennifer. Frocking is a process whereby an officer receives all the rights and privileges of the next highest rank without receiving a raise in pay. Frocking is implemented when the officer has been selected for promotion but has to wait for a promotion date. LCdr. Erwin, who came to NWC this past August, holds a bachelor's degree in education from the University of Michigan at Ann Arbor, and is a 9½ year veteran of the U.S. Navy.

Skipper, TD Meet With Employees . . .

(Continued from Page 4)

work that will mean at China Lake.

In regard to what is expected in the way of a reduction in force at China Lake, the Technical Director reported that the Center must reduce its personnel count by 100, but hoped that attrition and retirements would account for the bulk of this number. "There is some possibility of a small RIF, and we'll know more about that soon. It's nothing to be greatly worried about at this time," he added.

Supports Community Council

Turning to the field of community problems, RAdm. Freeman stated that he was a strong supporter of the Naval Weapon Center's China Lake Community Council and expressed the hope that where there are issues involving the community, Center employees and residents would provide input to the local civic group to whom he could then turn for information and advice before making decisions on matters affecting the community.

Regarding the future of housing for Center employees, the NWC Commander told his audience that a study is now under way to determine the minimum amount of housing that is needed. "The Navy isn't in the housing business. I see less housing available on the Center over the next few years," RAdm. Freeman said, but then denied that all except a few key Civil Service employees would be required to move off the base.

The comment from one member of the audience that more access roads to the Center should be provided was disagreed with by RAdm. Freeman, who stated that "I'd consider doing just the reverse."

Drugs Are a Problem

The Center Commander then explained that he's looking at ways to better protect the Center in view of the numerous arrests of persons carrying illegal drugs or drug equipment. "As a matter of policy, I'm bound to do all that I can do to reduce the drug problem on the Center and in the community," RAdm. Freeman said.

Use of dogs trained to sniff out drugs when vehicles are stopped for routine safety inspections is done only if the driver of the car has no objection to this step, the Center Commander added as he asked those present to let him know any ideas they might have on how to better protect against the drug problem.

The need for law enforcement is going up, not decreasing, RAdm. Freeman said as he handed a verbal bouquet to Police Division personnel for the fine job they are doing from patrolling the range areas to handling more typical law enforcement work for a community of this size.

In view of this situation, why isn't the word put out in The ROCKETEER about

crime on the Center in order to help rid China Lake residents of any false sense of security they may have, RAdm. Freeman was asked. He replied that he could see no problem in publishing this kind of information in the Center newspaper.

Safety Inspections Standard

When asked about the proposed inspection of homes on the Center, and the effect it could have on morale of China Lake residents, RAdm. Freeman noted that fire and safety inspections are standard. He's seen some yards and alleyways that are a menace to health and safety and pose a danger to children, the NWC Commander said in defense of this proposal.

With some 500 vacancies at present in homes on the Center, why will non-Department of Defense employees (such as teachers and other non-Civil Service or military personnel) be required to move off the base RAdm. Freeman also was asked.

He replied that non-DOD employees will have a year to find other quarters. This step is being proposed as a means of reducing both home maintenance and to conserve energy usage at China Lake.

The NWC Commander indicated at the outset of this meeting that if it is considered of significant worth to employees, future meetings of this type will be held. Judging from the participation in this past Monday's get-together, there will be more such meetings.



NEW LIEUTENANT — Lt. Delbert Oakes, Avionics, Armament Division Officer at the Air Test and Evaluation Squadron Five, recently had his first set of lieutenant shoulder boards pinned on by Capt. E. M. Crow, Commanding Officer of VX-5. Lt. Oakes, who reported to VX-5 in August 1973 from the USS Coral Sea, enlisted in the Navy in July 1955. He and his wife, Joyce, have five children. They are Nancy, Sharon, Melissa, Martha and Michael. —VX-5 Photo

Navy Honors Ed Price . . .

(Continued from Page 1)

programs. Recently, your expertise was sought on two major missile programs (Air Force MINUTEMAN and Navy POS-EIDON) when they encountered severe vibrational problems.

"Since MINUTEMAN was already in the silo, the decision was made to retrofit vibration-sensitive components so that they could 'live' with the combustion instability."

The citation went on to point out that Price was able to convince the Air Force that combustion instability was a major problem to be considered during the design phase, and then gave a crash course of training for some Air Force personnel to enable them to recognize the problem and to insure in-house capability in the field to deal with it.

As a result of Price's efforts, the Air Force now feels that it has, in the Air Force Rocket Propulsion Laboratory at Edwards Air Force Base, the capability of recognizing instability problems and determining methods for curing them.

Exceptional Efforts Noted

The citation addressed to Price at the time he received this award for his exceptional efforts also went on to note that: "The POSEIDON missile was already in production and changes to cure combustion instability would have been too costly, so a decision was made to 'harden' the dome package to withstand the vibrations. Due to your influence, the TRIDENT program now includes early evaluation of candidate propellants and the motor design in their plans. Thus susceptibility to combustion instability can be assessed before final specifications are frozen in order that proper steps for remedial actions, if necessary, can be taken early in the program."

"This is the first time such action has been taken and it should do much to prevent costly retrofits and improve the reliability of the ultimate missile."

"Well Done" Extended

The citation sent to Price by Admiral Kidd concluded with the statement: "Your professional manner and technical expertise have been assets to the Navy and you are deserving of the Navy Superior Civilian Service Award. Well Done!"

During the nearly 29 years that he has been a Civil Service employee at China Lake, Price has been the recipient of the L. T. E. Thompson Award (the Center's highest recognition for outstanding individual achievement) in 1960, the American Institute of Aeronautics and Astronautics (AIAA) Research Award in 1967, and the AIAA's G. Edward Pendray Award in 1971.

Price received the Thompson award for "his outstanding research in internal ballistics, for his contributions to the un-

derstanding of the fundamental design parameters of rocket motors, and for his timely research in combustion stability."

The AIAA cited Price in 1967 "for initiation and sustained leadership of research efforts designed to elucidate the mechanisms of ignition and the burning characteristics of solid propellants."

In 1971, AIAA's citation honoring Price read, in part: "For continued outstanding contributions to the literature of solid rocket internal ballistics and combustion, particularly for his contributions on combustion instability and ignition."

Both Writer and Inventor

Over the years that he has been employed either at the Naval Weapons Center, or its forerunner the U.S. Naval Ordnance Test Station, a total of 99 papers, articles or books authored by Price have been published, and he has been the co-inventor or inventor of seven types of devices related, for example, to controlling combustion instability and regulating the thrust of solid propellant rockets, determining the acoustics of rocket motor chambers, and the oxidation of aluminum powder used as a propellant fuel.

Professional societies and organizations to which he belongs have included, in addition to AIAA, the Research Society of America, the International Combustion Institute, and the Joint Army-Navy-NASA-Air Force (JANNAF) Solid Propellant Combustion Working Group, the JANNAF Liquid Propellant Combustion Instability Working Group, and the JANNAF Combustion Working Group.

Graduated From UCLA

A 1948 graduate of UCLA with a bachelor's degree in physics and mathematics, Price also was enrolled part-time (1958-59) in graduate courses in math offered by UCLA and, during the summer of 1950, attended courses in aerodynamics at the University of Michigan's graduate school.

For a year, October 1967 to September 1968, Price was on leave from the Naval Weapons Center while attending Georgia Tech's School of Aerospace Engineering, where he taught graduate courses and conducted independent research.

Price and his wife, Mary Kate, are the parents of a son, Douglas Brian, who is 18 years old; and two daughters, Alison Tomara, 16 years of age, and 11-year-old Carolyn Louise.

NWC Employee Wins Award in Contest For Monochip Design

Donald R. Leonard, an electronics technician in the Exploratory Development Branch of the Fuze Department's Electromechanical Division, was notified recently that he had won 25th place in a Monochip contest, sponsored by the Monochip's manufacturer, Interdesign, Inc., Sunnyvale, Calif., and EDN Magazine, a publication devoted to the electronics trade.

A Monochip is an integrated circuit board on which the circuits have not been completed. Leonard's design, called a quad one-shot, was a completely new idea for circuits, developed by him during his spare time and proven by using standard components prior to completing the circuit idea on a Monochip.

Leonard plans to use his circuit as a controller in remote installations to be powered by solar cells. The whole idea behind his quad one-shot is to build a circuit which draws no power when it is not being pulsed.

His prize-winning idea, in technical terms, was formed on a Monochip C, using 69 per cent of its components. The unique characteristic of Leonard's design is that the quiescent current is only the leakage currents of the transistors and capacitor. Output current is up to 4 amps with a Darlington output transistor and driven by CMOS Logic or micro power op-amp.

For his winning design, Leonard will receive a Vox-Clock, a unique alarm that turns off at the sound of a voice command.

NAF Helo Crew, Medical Teams Join Efforts To Save Man's Life

"It was a miracle. The hand of God was evident from start to finish during this crisis," said Capt. R. E. Osman, NWC Chaplain, referring to the quick actions of doctors and helicopter crews, ambulance attendants and surgeons that saved the life of Steve Griffith on Wednesday, Nov. 27.

Griffith, an engineer in the Guidance Evaluation Branch of the Engineering Department, was discovered to be unconscious late Wednesday evening by Dr. James Hamill, a psychiatrist and neurologist at Drummond Medical Clinic, during his rounds at Ridgecrest Community Hospital.

A patient who was undergoing observation

Christmas Parade Set Tomorrow On China Lake Blvd.

The spirit of Christmas as it is celebrated in every land in the world will be in evidence in Ridgecrest tomorrow morning, when the annual Christmas Parade will take place along China Lake Blvd., beginning at 10 o'clock. The procession will begin at the intersection of Drummond Dr.

Mr. and Miss Johnny Horizon — Jeffrey Carson and Margaret Archuleta — will be the grand marshals of the parade. More than 62 entries, including 15 floats, four marching bands, color guards, and specialty numbers, will carry out the theme of the event — "Christmas in Every Land."

This will be done in many ways. St. Michael's Episcopal Church has entered a float called, "The Land of Palestine," that includes a Nativity scene. The Immanuel Baptist Church's float is called "A Christmas Vigil in America," and the "Y" Indian Guides have put together a float based on the theme, "Christmas Is for Everyone."

Brownie Troop 218 will celebrate a "Mexican Christmas Party," on its float, and the Naval Air Facility has entered a float emphasizing "Peace on Earth."

Santa Claus and his elves also will take part in the parade. In addition, the Murray School majorettes, banner girls and band have entered, as has the Burroughs High School marching band, and many others.

The parade, which is sponsored by the Ridgecrest Chamber of Commerce, will disband at the intersection of California St. and S. China Lake Blvd.

A free movie, sponsored by the Ridgecrest Chamber of Commerce will be held at the Ridge Theatre immediately following the parade. The doors will open at noon and show time is set for 12:30 p.m. On hand at the door to greet the children as they arrive will be Santa Claus. Featured films are "The Sad Horse," and "Lost Continent."

Outdoor Lighting By Tenants Banned; B Mt. Yule Star To Be Lit

Permission has been granted by Command to light the Christmas star on "B" Mountain this year and the outdoor religious displays at the All Faith Chapel.

However, all tenants on the Naval Weapons Center are reminded that outdoor lighting at their homes is prohibited. As a part of the continuing effort to conform to regulations and requirements to conserve energy, the Center policy during the holiday season this year forbids outdoor lights and displays in both the residential and business areas.



after complaining of severe headaches, Griffith had just minutes before been conscious and talking to nurses. Dr. Hamill "looked in" on Griffith and, upon discovering the patient in an unconscious state, called Dr. Bruce Chandler, who set the wheels in motion to have Griffith transferred to the Antelope Valley Medical Center for emergency surgery.

Dr. Harvey Birstner, the neurosurgeon who was instrumental in saving the life of young Jerry Lyons earlier this year, was called and informed that Griffith was being transported to Lancaster via helicopter.

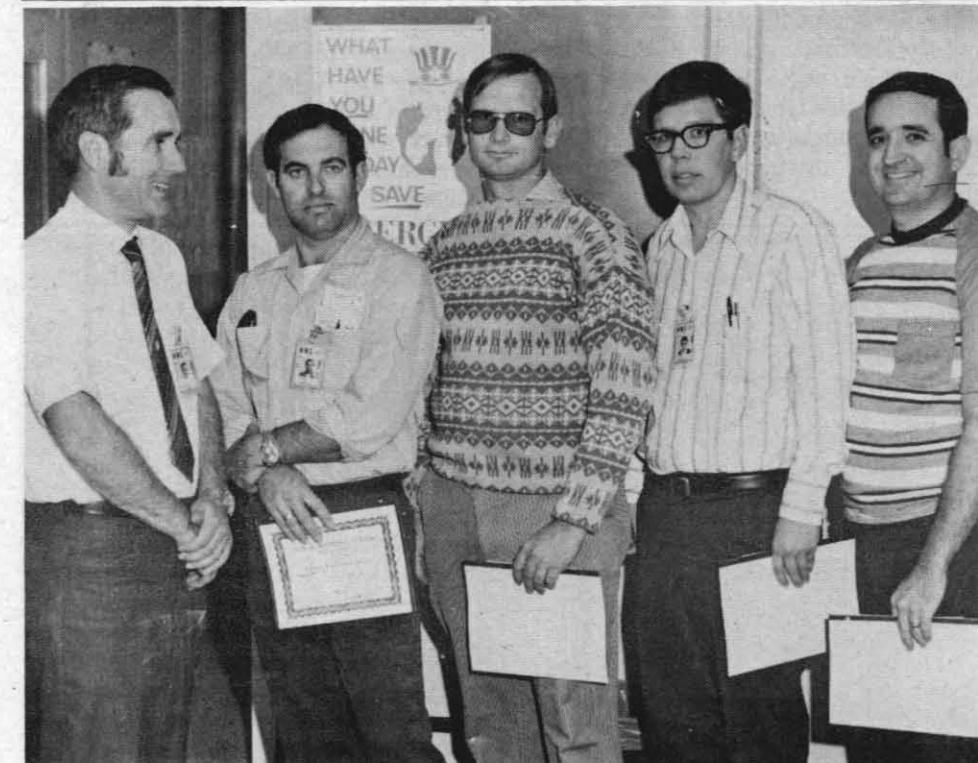
A helicopter from the Naval Air Facility, piloted by LCdr. Michael A. Rij, took off at 8:30 p.m. from the Stephenson Memorial Heliport, located directly across the street from the local hospital, and landed in Lancaster, where Griffith was taken to the Medical Center. Dr. Birstner and his surgical team was set up and waiting and emergency surgery was performed immediately on the patient.

On Friday morning, further surgery was done on Griffith by Dr. Birstner, who removed a cyst from the young man's brain. His condition is still listed as critical, however, according to Chaplain Osman, Griffith's prognosis for recovery is listed as "good."

Chaplain Osman was called on Wednesday evening by Elaine Griffith, the wife of the patient, who asked him for guidance and prayers for her husband. "God was certainly listening," said the NWC Chaplain. "Steve nearly died at Ridgecrest Community Hospital, but the doctors there managed to sustain his life. There was also a delay on the helicopter pad as further medical work was needed when it looked as if Steve might die then, but quick work by the medical and helicopter crews kept him alive until Dr. Birstner could operate," Chaplain Osman added.

The Griffiths, who are well known for their work with the All Faith Chapel, are grateful to the people whose quick action saved the life of the NWC engineer.

Members of the helicopter crew, in addition to LCdr. Rij, were AMHI Dan Zielke, plane captain who also acted as co-pilot; Dr. Gary Gibbons, NAF flight surgeon; ADJ3 William S. Moore, crew member, and HM Steven Hastings, corpsman.



INITIAL PATENT AWARDS PRESENTED — Four electronics engineers employed in the Electronic Systems Department, who were the recent recipients of initial patent awards of \$50 each, are shown with D. J. Russell (at left), their department head, who is pleased with their accomplishments. The Code 35 employees are (l.-r.) Larry C. Raper, Roger V. Wilcox, Donald D. Daniel and Belmont Frisbee, Jr. Raper, from Code 3556, developed an improved sample and hold phase sensitive demodulator. Wilcox and Daniel, who work in Codes 3544 and 3546, respectively, shared a joint award for their signal processor, integrator, Frisbee, an employee in Code 3544, received his initial patent award for a video data telemetry system. Others (not present for photo) who also received initial patent awards were George S. Handler and Frederick C. Alpers. Handler garnered two awards of \$50 each for a flare and ship decoy, while Alpers' award was based on his work on a passive radar direction finding system. —Photo by Ron Allen



GOOD WORK ACKNOWLEDGED — LCdr. R. E. Asche, head of the Surveillance Division for the Defense Property Disposal Region based in Ogden, Utah, traveled here recently to present an award of merit to the Defense Property Disposal Office (DPDO) at China Lake. Similar awards are presented each month to one or another of the more than 40 DPDOs that are included in the Ogden Region. Shown accepting the award from LCdr. Asche is Gordon Peacock, who is in charge of the local DPDO. With him are (from left) Mary E. Larson, property disposal clerk; William C. Giuliani, property disposal specialist; Harry R. Martin, a laborer, and William H. Perry, a fork lift operator. Other personnel assigned to the DPDO office at China Lake, but who were unable to be present for the photo, are Peter Donohue, scrap yard foreman; Billie Joe Driggs, also a property disposal specialist, and Harold D. Stalnaker, a material classifier and segregator.

Cost of Living Increase Due For Civil Service Annuitants

The Civil Service Commission has announced that a Cost-of-Living (COL) annuity increase of 7.4 percent will definitely become effective on Jan. 1, 1975.

For employees who retire no later than Dec. 31, 1974, the following comparison will be made between:

1. The amount of your earned annuity through the date of your retirement plus the 7.4 percent increase effective Jan. 1, 1975; or
2. The annuity based on your service and high-three average pay through June 30, 1974, plus both the 6.4 per cent COL increase of July 1, 1974, and the 7.4 per cent COL increase which will become effective Jan. 1, 1975.

A retired employee's annuity will automatically become the higher of the above two comparisons. For the purpose of the above comparison, the retiree will be assumed to have met the age and service requirements for retirement on June 30, 1974, even if actually he or she was not eligible to retire at that time.

For employees retiring after Dec. 31, 1974, the earned annuity as of the effective date of their retirement will be compared with the annuity based on their service and average high-three pay that existed on the day before the last COL increase became effective (Dec. 31, 1974) plus the 7.4 per cent COL increase on Jan. 1, 1975.

Employees wishing further information on retirement should contact their personnel management advisor to arrange for retirement counseling.

Talk About Holiday Traffic Safety Set

An hour-long program emphasizing holiday traffic safety will be presented for the benefit of Naval Weapons Center employees at 9 a.m. and again at 10:30 a.m. on Monday at the Center theater.

A short talk on "Highway Holiday Hazards" will be given by Officer Ken Hess of the California Highway Patrol, while Officer Bob White, of the Police Division at China Lake, will discuss local driving problems.

In addition, a film produced by the CHP will be shown, in addition to a motorcycle safety film, and time will be allotted to answering questions from the audience.

Center employees will be granted excused leave and are urged to attend either program on Monday morning. Dependents of employees also are welcome.

Happy Chanukah

RAdm. Freeman Discusses His Philosophy on NWC Management

His philosophy on management of the Naval Weapons Center, what he sees as prospects for the not-too-distant future, as well as his views on equal employment opportunities were outlined during a lunch-hour talk presented last week by Rear Admiral R. G. Freeman III, NWC Commander.

The program was one arranged by Alice Pastorius, the Center's Federal Women's Coordinator, in conjunction with an advisory committee of women employees. Attendance numbered close to 60 persons, including a good number of men who were interested in the subjects to be discussed.

In the area of equal employment opportunities, RAdm. Freeman commented that each person should be evaluated on competence, ability and potential—with the burden being placed on the individual. Even as the Upward Mobility Program is being stressed, each employee must have his own "upward mobility" and make his own effort to attain additional education or training that will increase his competence on the job, the NWC Commander emphasized.

Career Incentives Important

Career incentives must be important, and more training is needed to improve the role of the secretary. A good secretary is worth her weight in gold, the speaker observed, while acknowledging at the same time that "the system doesn't grade that way."

Regarding the role of women, he feels that women, minority employment and employment of the handicapped are all programs that should be considered together, since there are similarities. Major steps have been made, RAdm. Freeman pointed out, in the area of minorities by conducting sensitivity training and seminars of various sorts that have been held to help bring about a change in the attitudes of some people.

Immediately prior to becoming Commander of the Naval Weapons Center, while serving as Study Director of the Navy Enlisted Occupational System for the Bureau of Naval Personnel, RAdm. Freeman had recommended that the number of women serving in the Navy be increased to 50,000 and, he added, the Navy is trying to live up to the goal of equal opportunity for women.

Education Is Key

A handicap that minorities face, whoever they may be, is incomplete education. "When an employer wants to hire an engineer from among the minority races, from which engineering schools can he be recruited?" the NWC Commander asked rhetorically. While accelerated advancement programs do have some merit, real equality grows out of educational processes, he emphasized.

His philosophy, RAdm. Freeman continued, is that problems associated with equality of opportunity for working women are not unlike those associated with minorities, and that progress must come one step at a time. "Hopefully," he added, "these will be large steps, and we must guard against teaching bigotry of any kind."

Citing as an example that competence and ability are the foundation stones to career advancement, the speaker noted that Dr. Marguerite (Peggy) Rogers, the Center's first female public law technical employee, "certainly obtained her department head job on the basis of ability and effectiveness."

Long Range Plan

His long-range plan for the Center is to insure that there is adequate manpower to do the job. One hundred positions must be cut by next April 1, RAdm. Freeman informed his listeners, and he is hopeful that this can be accomplished through attrition and voluntary retirements. If not, a reduction-in-force may be necessary, he said.

Despite the possibility of a RIF, it isn't possible to call a halt to the hiring of new people. The number of incoming junior professionals, for example, must be based on the number present, but there must be a

flow of "new blood" in at the bottom, the speaker stated.

Funding, he added, is significantly different this year — principally because there is not a balanced workload and the Center is running slightly behind financially as of Oct. 31. As a result, NWC does have personnel who are excess to actual needs.

On the subject of a reduction in employees, the Center Commander observed that the longer such a step is delayed the more people get hurt. Technically, he added, the personnel cut has to be accomplished by next June 30, but if it is done by the April 1 target date there will be less chance of additional cuts and the work load will be better balanced.

Possible Future Actions

Among the possible future actions forecast by RAdm. Freeman is a continued need to contract out maintenance and supply functions to the business sector. This, he observed, is now a way of life in the government rather than just a trend, since it is less costly in many instances to do so.

In discussing his philosophy of management and the purpose of the Naval Weapons Center, the Skipper noted that NWC exists as a service to the Fleet and that its primary reason for existence is the development, test and evaluation of tactical air weapons systems.

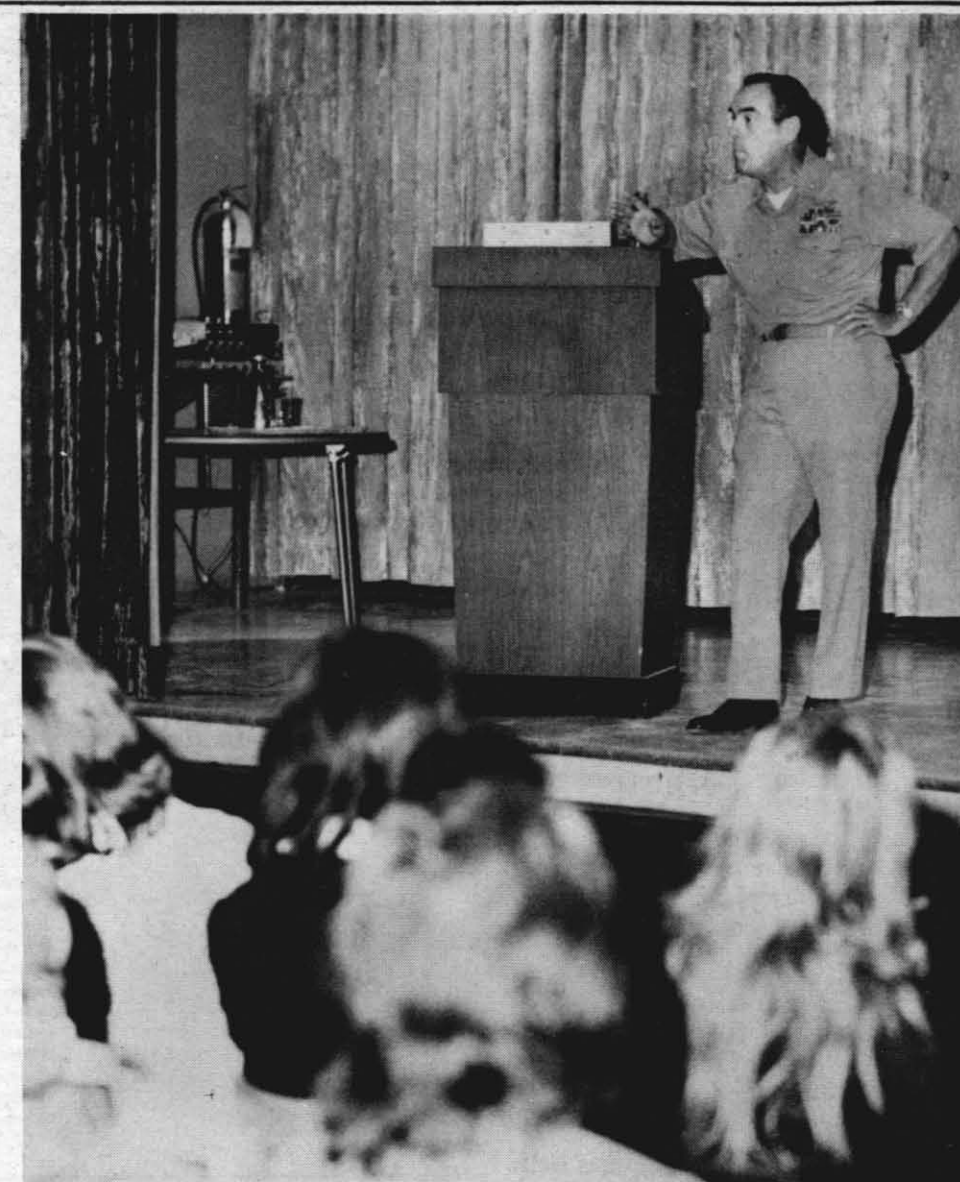
His own relationship with Dr. G. L. Hollingsworth, the Technical Director, is based upon how the two of them see it — not by any hard and fast rules laid out on a piece of paper. "There is a dialogue on every issue, but decisions have to be made by one person," RAdm. Freeman stated.

Reason for Change

The elimination of the deputy technical directors, he explained, was a change made for efficiency and was done to eliminate a layer of management over technical personnel. Setting up the three deputy technical director posts had been done at a time when the possibility was foreseen that there might be a growth of 3,000 to 4,000 employees here, but this is no longer deemed likely. "With less money available, it is necessary for management to be lean and excellent," the NWC Commander stated. The goal, he added, is to support the Cen-



WORK EFFORTS LEAD TO PATENTS — Seen with Jack Russell (at left), head of the Electronic Systems Department, are six employees in Code 35 whose on-the-job efforts have led to patents, notices of allowability for patents, or additional patent awards. They are (from left) Horace M. Joseph, an electronics engineer in Code 3546; Guenter Winkler, head of the Advanced Technology Branch; Robert P. Moore, head of the Microwave Systems Branch; Frederick C. Alpers, a consultant in Code 35031; Henry T. Weisbrich, Jr., an electronics engineer in Code 3556, and Richard S. Hughes, a circuit design consultant in Code 35404. Joseph was awarded a patent for a slow modulation distance measuring apparatus. Winkler and Moore received notices of allowability for a dual mode seeker and a microwave radiometric guidance system, respectively. Alpers was awarded a patent for a remote clock synchronization system, while Weisbrich garnered a notice of allowability for a passive ranging technique. Hughes received an additional patent award and special award consideration for a patent on his control converter amplifier. —Photo by Ron Allen



SPREADING THE WORD — Responding to a request from an advisory group of women employees, Rear Admiral R. G. Freeman III, NWC Commander, last week met with interested Center employees to discuss his philosophy of management, as well as his views on equal employment opportunities. On the latter point, RAdm. Freeman commented that, in many cases, the individual's opportunity for advancement in his career is dependent upon making the effort necessary to increase his competence and value as an employee by further education or vocational training. —Photo by Ron Allen

ter's mission in the most efficient and cost effective way.

Questioned about whether the Center may someday sell housing to civilians, RAdm. Freeman replied that a study on housing is currently under way in an effort to determine the minimum number of housing units needed on the Center.

Because of the joint utility tie-ins and because the land could not really be sold, it

is nearly impossible to sell the homes at China Lake. It may be, he added, that more housing units should be declared excess and either mothballed or plowed under.

Only a certain amount of maintenance money is available, and it is more important to use funds allocated to the Center in order to maintain the capability to carry out technical programs than to pour it into the upkeep of living quarters.

Bluejacket Dinner ...

(Continued from Page 1)

received a cash award of \$1,000, among other gifts. The runner-up, ADRI Thomas F. Pepper, was presented a monetary gift of \$500. All other eligible monthly Bluejackets received a cash award of \$75 each.

Gifts to the man selected as the most outstanding sailor at NWC during the past year come from donations received from members of the Navy League and other interested persons, including businessmen in the Indian Wells Valley, and corporations and contractors doing business with the Naval Weapons Center.

Guests of Honor

During the banquet, the cost of the dinner for the Bluejacket and his date will be paid for by sponsors, not yet determined. Other guests of honor at the affair will be Rear Admiral Rowland G. Freeman III, NWC Commander, and Mrs. Freeman; Capt. R. D. Franke, Deputy Commander, and Mrs. Franke; Capt. R. S. Moore, Commanding Officer of NAF, and Mrs. Moore; Capt. E. M. Crow, Commanding Officer of Air Test and Evaluation Squadron Five, and Mrs. Crow; Capt. T. C. Wimberly, NWC's Technical Officer, and Mrs. Wimberly; and Dr. G. L. Hollingsworth, the Technical Director, and Mrs. Hollingsworth.

Harry Parode, NWC's Public Information Officer, will introduce the guests of honor and the Bluejackets. RAdm. Freeman will speak briefly to the gathering, and Molner will present the opening remarks.

Following the awards ceremony and dinner, the COMNAVAIRPAC combo will play dance music until 1:30 a.m.