Day, Friday,

will be the events of Friday, tute of Technology weapon November 8, which is "Early Timers" day.

More than 200 guests are expected to arrive from out of the area to participate in these events and a like number of "Early Timers" in the local area will be participating.

The guests will include all the Center's past Technical Directors, many of the Commanding Officers, and a good representation of the early mili-

Women's Bowling Association Will Meet November 16

Mrs. Irma Boyd, a national field representative of the Women's International Bowling Congress (WIBC), will be



IRMA BOYD

the prime speaker at an upcoming meeting of the IWV Women's Bowling Association.

The forum, to be held at the Hideaway Restaurant at 7:30 p.m. on November 16, is open to all members of the association, as well as the local American Junior Bowling Con-

Mrs. Boyd will narrate a benefits of being a member in (375-2026).

language 21-Pertaining

pronoun
26-Dirk
28-Before
29-Winged
31-Lampreys
33-College
degree (abbr.)
34-Grant use of
36-Tropical fruit
38-Steamship
(abbr.)
40-Weary
42-Direction
45-Frozen water
47-Lifeless
49-Reflect
deeply
50-Extinct
flightless bird
52-A continent
54-Compass point
55-Printer's
measure
56-Buys back
59-Parent
(colloq.)
61-Strike out
63-Crowns
65-Dinner course
66-Steward (abbr.)
67-Writing fluid

DOWN

CROSSWORD PUZZLE Answer to Previous Puzzle

10-Scoffs 12-River in Italy 14-Mollified 17-Fork prong 20-Spoken 23-Pronoun

tary personnel, members of the wartime California Instiprograms, and the early civil service employees.

Because of the vast number of persons associated with the Center through its 25 years and the local limitations on facilities, the invitations were limited to those associated with the Center before the end of 1945 and whose names were sent in to the Anniversary Committee in response to ear-

Center personnel who are "Early Timers" and who can be excused from normal duties on Friday are urged to join quests on the tours of Center facilities and at the Mix and Meet meetings listed in the accompanying program.

The highlight of the Friday years the Center's Experiment-

Years of Value.

At the Early Timers' dinner on Friday evening there will be the unique opportunity of hearing from a number of the key figures associated with the establishment and early growth of the Center.

On Saturday evening there afternoon events is an address will be the 25th Anniversary by Vice Admiral Thomas Con- dinner featuring talks by Rear nally, who was in former Admiral S. E. Burroughs, USN (Ret), the Center's first Comal Officer and is now the Dep- manding Officer, and Vice Adlier publicity and the May 17 uty Chief of Naval Operations miral John Hayward, USN

(Ret) who was the Center's first Experimental Officer.

The 25th Anniversary Ball Saturday evening will in fact tions. The joint NWC Anniversary Ball and Marine Corps Birthday will be a formal dance by invitation at the Community Center. Semiformal balls will be held for members and their guests at the Commissioned Officers' Mess (Open), Chief Petty Officers' Club, and the Chaparral Club.

NWC 25th Anniversary Program

FRIDAY, NOVEMBER 8 Reception Center for visitors open at Main Gate. All out-of-town guests other than those arriving at Air Facility are requested to stop here upon arrival. 9:00 A.M.-12:00 NOON

1:00 P.M.-2:30 P.M. Tours for visiting and local Early Timers will leave from main lobby and conference rooms from the main entrance of Michelson Laboratory. 9:00 A.M.-12:00 NOON

1:00 P.M.-3:30 P.M. Meet and Mix time at Weapons Exhibit
Center. Weapons displays. Display of early
time pictures. An opportunity for local
persons and out-of-town Early Timers to meet and revive memories of early days. Pioneers of Indian Wells Valley especially invited to meet with NWC Early Timers

from 1:00 to 3:30 p.m. 3:30 P.M.-4:45 P.M. Address of Vice Admiral Thomas Con-ally at the Center Theater on "25 Years of Value" and a film "25 Years of Naval
Weaponry," To be attended by Early Timers and other invited guests of the Center
and spouses. In addition a number of personnel from each department will be invited under a departmental quota system. ited under a departmental quota system 6:30 P.M.-8:00 P.M.

Informal reception at Community Center 8:00 P.M.

er. For invited guests to the Early

SATURDAY, MOVEMBER 9 9:00 A.M.-2:00 P.M.

Open House:

-Buses leave from parking lot at main entrance to Michelson Laboratory. 9:00 A.M.-2:00 P.M.

-Weapons Exhibit Center open with ne weapon displays and picture display of early station. 9:00 A.M.-2:00 P.M.

-Michelson Laboratory Exhibits 9:00 A.M.-12:30 P.M. Naval Air Facility activities including aircraft and weapons, and a balloon

-Fire fighting demonstration opposite Maturango Museum. All Open House events open to the public

with a special welcome to all of Indian
Wells Valley and neighboring communities.

1:00 P.M.-4:30 P.M.
Informal Mix and Meet time at the Barefoot Bar at the Commissioned Officers' Mess. Also an appropriate time for local persons to invite visitors for visits or re-

6:00 P.M. Informal reception, Commissioned Offi

25th Anniversary dinner featuring talks by Rear Admiral S. E. Burroughs, USN (Ret.) and Vice Admiral John Hayward, USN (Ret.). Attendus... 71759 in mornings.) 8:00 P.M. Attendance by reservation. (Phone

Anniversary Balls:
-NWC Anniversary & Marine Ball (for mal) at Community Center. Building open at 8:00 p.m.; Ball begins at 9:00

From STAMP

All DOD Labs Affected By Cutback

Military research and development is hurting for lack

Washington's budget squeeze is causing the first Pentagon R&D employment cut - back of the postwar era.

By next June, 6,000 jobs must go. Some 2,000 civilian employees - many of them scientists and engineers will be given separation notices. The remaining 4,000 jobs will be accounted for by not filling them as they open up.

The trimback of military R-&D jobs is part of a government wide cut of civilian employment under orders from Congress to get back to the

the WIBC. Services, procedures, policies and rule interpretations will also be discussed.

WIBC is the largest organization of female sports participants in the world. Field representatives of the Congress travel thousands of miles annually throughout the United States to guide and coun-

sel association members. The November 16 gathering will be a dinner meeting. Deadline for reservations is November 9. For more information, contact Maggie Branslide program highlighting son (77442) or Jan Howad

51-City in Russia 53-Among 57-Greek letter 58-A continent

level of June 30, 1966. This means that a total of 244,000 jobs must be chopped.

The Navy intends to abolish 2,390 positions in 15 re- search centers. search centers now employing 23,902 civilians. Biggest will be at the China Lake, ans in R&D jobs. Calif., Naval Weapons Center

which employs 4,157.

The Air Force must slash hardest, cutting 3,489 jobs from the 22,421 at its 26 re-The Army is spared the ax

this time. It's below its 1966 Navy reduction — 416 jobs — civilian level of 37,788 civili-

"THE YOUNG AMERICANS" (102 Min.) Themselves, The Nitty Gritty, Milton

(Musical) This group of 36 young men and women build their talent into a national touring group. As the story follows their progress across the country, enjoy their fun and dramatic moments like you were one of them. (Adult, Youth, Children.) Short: "Duck Fever" (7 Min.)

NOVEMBER 2 -MATINEE--"TOMBOY AND THE CHAMP" (92 Min.)

Shorts: "Dumb Patrol" (7 Min.)
"Canadian Mounties" (No. 9, 13 Min.)

"FATHOM" (99 Min.) Raquel Welch, Tony Franciosa 7:30 P.M.

gorgeous Raquel as she helps NATO trace a secret nuclear trigger device but gets in-volved in a fortune of stolen jewels. From sky-diving, to yachting, to Alpine retreat, it's a wow! (Adult, Mature Youth.) Short: 'Water Ski Champs' (10 Min.)

NOVEMBER 3-4 SUNDAY-MONDAY Robert Mitchum, Peter Falk, Earl Holliman 7:30 P.M.

(War Drama) A cynical war correspondent accompanies Allied troops in their drive to reach Rome, but where was the stubborn Elite Force defense? Was it a trap? The Rangers go into action on the original site. (Adult, Youth.)

TUESDAY-WEDNESDAY NOVEMBER 5-6
"BONNIE AND CLYDE" (110 Min.) Warren Beatty, Faye Dunaway 7:30 P.M. (Crime Drama) The wildest crime spree

history! The infamous couple rob and the 30's, and become the most wanted criminals of their day. A wild, way out,

NOVEMBER 7-8 THURSDAY-FRIDAY Elizabeth Taylor, Richard Burton, Noel Coward 7:30 P.M.

(Drama) Based on a Tennessee Williams' play. Liz portrays Mrs. Goforth, an extremely rich but lonely, and brutally in-different woman. Her meeting with an im-poverished poet at a fabulous island villa sets loose her violent tantrums. Here is a razor-sharp dialogue, psychotic drama, tra-modern setting. (Adult.) Short: "Hiway Hecklers" (7 Min.)





CDR. EDWARD L. SNOP-KOWSKI is the new Military Advisor to the Earth and Planetary Sciences Division on the Research Department. He reported to NWC from Alameda where he had been Commanding Officer of the Fleet Weather Center since July 1967. Cdr. Snopkowski's hometown is Pittston, Pennsylvania. He attended USNR Midshipmen's School, Columbia University, and the Naval Postgraduate School, Mon-BS in meteorology. Snopkowski was commissioned an ensign in 1945 and has a special designation of Aviator/ wife Mary, and four younger

terey, where he received a p.m. For III.
NWC Marines.
9:00 P.M. -Commissioned Officers' Mess (Open (semi-formal). Open to members and guests of members by reservation. AEDO Meteorology. He, his -Chief Petty Officers' Club (semi-formal) Open to members and guests of members by reservation children, Patrice age 15; 9:00 P.M. John age 13; Barbara age -Chaparral Club (semi-formal). Open to 12; and JoAn age 11, reside reservation.

For additional information, call: Anniversary Chairman, K. H. Robinson, 71658; Early Timer Arrangements and Reservations, Lois Allan, 71759 (in mornings); Visitor Reception and Early Timer Tours, Dick Rusciolelli, 71370; Open House, J. D. DeSanto, 71504. at 617 Ticonderoga. Mark and Vicki, the two eldest children, are both at col-



NEXT WEEK The 25th Anniversary Issue of the Rocketeer

AQ1 Royal B. DeLand of NAF Chosen 'Bluejacket of Year'



BLUEJACKET OF THE YEAR - AQ1 Rov-

al B. DeLand, newly-named Bluejacket of

the Year, is presented commemorative

plaque by Howell Sumrall, president of the

Indian Wells Valley Council of the Navy

League. Center Commander Capt. Melvin

PHOTOS BY PHAN MIKE KRAUSE

CENTER'S FINEST - DeLand poses with

Bluejackets of the Month (I-r) PH1 Gary

Bird, AZ3 Dennis J. Rohwer, AE1 Carlton

K. Savell, FTM2 George C. Johnson, AMH1

kin, who were in contention for the covet-

ed honor. Each selectee of the month re-

TUESDAY

NOV.5th

R. Etheridge smiles his approval.

ceived a \$50 cash award.

Wins Cash, Expense-Free Vacation

DeLand, a First Class Petty Officer from the Naval Air Facility, as "Bluejacket of the Year" climaxed the local Navy League Council Awards Banquet at The Hideaway Saturday evening.

The occasion marked the 193rd birthday of the U.S. Navy and the fourth consecutive year in which the Indian Wells Valley Chapter has honored the outstanding enlisted man of the year stationed at the Naval Weapons Center.

The newly - named 1968 Bluejacket was presented a \$600 check, \$300 in purchase orders from local firms and an engraved plaque by Howell Sumrall, council president. In addition, he was presented the keys to a new car by Madge Hucek, Hertz Rent-A-Car representative, to be used on a vacation trip to Las Vegas, the Grand Canyon, and Death Val-

The selection of Royal B. ley National Monument.

Bluejacket DeLand will be a guest of the Las Vegas Navy League for six days before continuing to the Grand Canyon and Death Valley where he will be a guest of the Fred Harvey

Tour and guest arrangements were made through the courtesy of the Las Vegas Navy League Council.

Petty Officer DeLand, who is single, announced that he will invite his parents of Rcgue River, Ore., to accompany him

Precedent Set

A precedent was set at this year's awards banquet, each Bluejacket of the Month was presented a \$50 award through the courtesy of the industrial sponsors for the Bluejackets' contributions to naval morale.

(Continued on Page 6)



RIF Date Postponed

Captain Melvin Etheridge, Commander, Naval Weapons Center announced today that official information has been received from Washington which reduces the impact of a Reduction in Force that was planned for accomplishment by January 31, 1969. Present information is that the new personnel Center-wide ceiling of 4,622 must be reached by June 30, 1969 instead of January 31 as had been the former instructions. The benefits of this new date will allow the Center to reach a portion of their new ceiling by normal attrition rather than almost entirely by the large formal Reduction in Force that had been planned.

The Captain emphasized that present information indicates the number of personnel to be reduced has not been affected but the change of dates for implementation of the reduction will reduce the number of people who will have to be involuntarily separated.

Michelson Lab **Employee Parking** Limited on Nov. 8

On Friday, November 8, the south parking lot of the Michelson Laboratory (between TID and the Lab) will be restricted to use by visitors only. Excepted from this order are those employees who have been assigned resigned parking spaces in that area.

CHAPLAIN'S MESSAGE.

Your Vote Counts



By Chaplain Irvin H. Thompson

We might never have had a Second World War if it hadn't been for one person's vote. On November 8, 1923, the leaders of the little Nazi Party met in a Munich beer hall and, by one single vote, elected a leader. One single vote could have changed history for the better, because they couldn't have chosen worse than Adolph Hitler.

In 1839 Marcus Morton ran for Governor of Massachusetts and needed a majority of 51,034 votes. He got 51,034 votes precisely. But if the humblest little shopkeeper in Boston had changed his mind at the last minute, there would have been a different governor.

Douglas Storer cooperating with the American Heritage Foundation (an organization that campaigns to get people to vote) conducted a research and found out just how important

His research revealed that: (1) Charles I of England was beheaded in 1649 when a Tribunal of judges voted 68 to 67. (2) Oliver Cromwell won control of England in 1645 when the English Parliament voted 91 to 90. (3) Andrew Johnson escaped impeachment in 1868 by one Senator's vote. (4) Thomas Jefferson was elected President in 1800 after an electoral tie with Aaron Burr, one vote in Congress made the difference. (Could not this happen this year?) (5) Rutherford B. Hayes was elected President in 1876 when the electoral vote was 185 to 184.

The church sends out a clarion call for her members to get involved in the great game of Politics. Make your voice heard as an individual church member. The church must be careful about supporting one party. But, the church is aware that your personal vote could decide the fate of this nation.

Former Presidents Send Message On Voting to Armed Forces

Every one of you as a member of the Armed Forces is serving our country in a special way. You are keeping America safe and secure.

One could hardly ask you to do more than that.

But I'm going to anyway. As a former soldier, and as a former Commander-in-Chief but most of all, as just a private American citizen, I'm going to ask you to carry out a special duty.

That is to vote in next month's national elections.

It doesn't matter where you are stationed, if you wear an American uniform you have the right and obligation to cast There is a Voting Assistance Officer in every military unit

who can give you all the necessary forms. Get in touch with him. Vote for the candidates you want in

There are a lot of countries where a citizen can't vote. Or, if he can vote, it really doesn't mean anything.

That isn't true of America.

We must never let it become true in America. The way to keep it from happening is for you and me and all of us to vote.

I'm asking you to do just that.

S/Harry S. Truman As one of you, I want to emphasize the importance of voting in the forthcoming national election — wherever you may be. All of us regard voting as a right. Too few realize that it is

In these difficult times, the Nation and its Government need the guidance of its citizens. The proper and most effective way for all of us to be heard is through the ballot box. That is where our convictions must be registered.

Your vote will help determine who our leaders will be. It will affect the future course of our country.

I urge you not to fail to exercise your right to vote.

S/Dwight D. Eisenhower

The Rocketeer

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William P. Valenteen, Jr. Editorial Advisor Frederick L. Richards Joan Raber Staff Writer Ed Ranck, Sports 25th Anniversary Project Writer **Budd Gott**

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DEADLINES: ...Tuesday, 4:30 p.m

The Rocketeer receives Armed Forces Press Service material. All are official U.S. Navy photos unless otherwise identified Printed weekly with appropriated funds in

first and third Saturday. ance with NavExos P-35, revised July 1958. Office at Nimitz and Lauritsen Unitarian Fellowship—(Chapel Annex 95,71354, 71655, 72082 King Ave.)-Sundays, 7:30 p.m.

Capt. MacNeill Is New Senior **NWC Chaplain**

Capt. Harold A. MacNeill has assumed the duties of Senior Chaplain of the Naval Weapons Center. He relieved Chaplain Paul Romantum who has



CAPT. H. A. MacNEILL

July, 1966. Chaplain Romantum left Oct. 14 to report for duty as Senior Chaplain aboard the aircraft carrier USS Saratoga (CVA-60)

Chaplain MacNeill comes to China Lake from duty as Senior Chaplain at the Naval Hospital, Portsmouth, Va. Capt. MacNeill has the distinction of being the only Navy chaplain certified by the American Protestant Hospital Associ-

He took his training at Massachusetts General Hospital in Boston, under the sponsorship of VAdm. George G. Burkley. physician to President John F. Kennedy

Native of Boston

A native of Boston, Mass. Chaplain MacNeill attended Gordon College, Boston; Brown University, Providence, R.I.; and Andover Theological School, Phillips Andover, Mass.

He was the first Navy chaplain selected to take postgraduate training at Harvard University. He holds a Bachelor of Theology degree, a Bachelor of Divinity degree, and a Master of Sacred Theology de-

Commissioned in 1943 It was from this pastorship

that he entered the Navy to attend Chaplain School at the College of William and Mary Williamsburg, Va. He was commissioned a lieutenant junior grade on Jan. 9, 1943.

His first chaplain assignment was with the Marines from 1943 to 1945 in the Pacific's Gilbert-Marshall area with the South Pacific Combat Air Unit, comprised of Marine Sunday School-9:30 a.m., Chapel An- and Army personnel, in the evacuation of the wounded.

Fourth California Tour

Staff, Amphibious Force, Pa-

Chaplain MacNeill is married

to the former Marion Kathleen

MacAskill of Brookline, Mass.

They will celebrate their 34th

cific Fleet, Coronado.

wedding anniversary

This is Chaplain MacNeill's

Roman Catholic (All Faith Chapel)-Holy Mass-7, 9:30 a.m., and 12:30 p.m. fourth tour of duty in Califor-

nia, having served as the first Daily Mass-11:30 a.m. in Blessed Sacrachaplain of the Naval Air Stament Chapel. Saturday, 8:30 a.m. tion. Miramar; Mare Island Confessions-7 to 8:00 p.m. Saturday. Naval Ship yard; and force chaplain on the Commander's NWC Jewish Services (East Wing All Faith

Chapel)-8 p.m. every first and third

DIVINE

Protestant-(All Faith Chapel)-

Morning Worship-8:15 and 11 a.m.

cated opposite Center Restaurant.

'DESERT PHILOSOPHER'

More About Death Valley Days

By "POP" LOFINCK

Three thousand square miles in the Death Valley National served as Senior Chaplain since Monument is too much to see in a week.

Friday, November 1, 1968

So here are some highlights on what not to miss if you attend the Death Valley Days' celebration next weekend.

At 8:30 a.m., Friday, November 8, breakfast at Stove Pipe Wells Village, for \$1.50. Death Valley will come alive through the eyes of a featured speaker, Matt Ryan, a long time resident

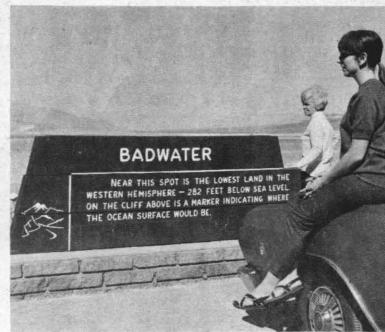
Get a program first at the counter in the Visitor Center's

There will be an outstanding show of gems and minerals by the Searles Lake Gem and Mineral Society. George Sturte-

Buy your Authors, Photographers, and Artists Breakfast tickets the day before at the information booths at Furnace Creek Ranch and Stove Pipe Wells Village.

There will be a naturalist's talk at 8:30 p.m. at the Visitor Center's Auditorium and Museum on Friday, Saturday and Sunday, and at 7:30 p.m. on Monday. Very educational.

Be sure to get your picture taken beside the sign at Badwater so you can prove that you have been to the lowest



point in the western hemisphere.

And exercise your lungs on the adjacent rock cliffs - at 282 feet below sea level the echoes are very clear. Who knows, you might hear an echo from out of the past.



NAVY EMPHASIS WEEK — The All Faith Chapel Choir and Chaplain Irvin H. Thompson have been invited to conduct the entire evening worship service of the First Church of the Nazarene in Bakersfield on Sunday, Nov. 3 in honor of the Nazarenes' "Navy Emphasis Week." Choir members are: first row (I-r) Robert A. Leonard, Peggy Wandell, Debbie Cook, Nancy Riley, Betty Heflin, Marvin Backman, third row (I-r) Jim Allen, Bill Davis, Robert B. Leonard, Ron Hise and Sam Haun. Choir members not present are: Margaret Ansell, Dee Burgess, Lorna Charlton, Maggie Etheridge, Lillian Fojt, Kathie Foote, Beverly Glass, Dana Hulin, Mary Netzer, Susan Stalker, Charmaine Tucker, Betsy Von Huene, Gordon Wandell and Judy Weddle.

Retired Officers Organize Local Chapter of ROA

With Capt. and Mrs. M. R. Etheridge as honored guests, a score of eligible retired officers - most of them already members of the national association - gathered last Wednesday evening at the Commissioned Officers' Mess to approve preliminary organizational plans to establish a local chapter of the Retired Officers' Association.

Retired CWO John Hartley, who has been working hard for establishment of a local group for some time, opened the meeting with a brief statement of the aims of ROA. He submitted tentative by-laws and a proposed schedule of activities that were based on his experience in organizing four other such branches.

At the meeting, Captain Etheridge spoke on the progress being made in implementing the Reduction in Force mandate at China Lake and Corona. He declared that the greatest problem was to overcome the discrepancy between the required reduction in budget and the cut-back in

Hartley acted as chairman pro tem for the election of officers, who were then duly installed by Capt. Etheridge. Those chosen to lead the chapter - tentatively named "The Indian Wells Valley Club of the Retired Officers' Assn." -until January. 1970, are: president, Hal Wilson; first vicepresident. Dwight Atkinson: second vice-president and adjutant, Robert Zimmer; third vice-president, Richard Clark (who could not be present, but had given prior consent); and recording secretary - treasurer, John Hartley.

The next meeting is set for Wednesday, November 20. at 7 p.m. at the COM. Retired commissioned and warrant officers of any of the seven branches of military service

Presentation

In August of 1968, Hal and Jean Bennett, physicists of the Colorado River below Moab, Utah. They drifted and paddled down the 50-mile redwalled canyon to the confluence of the Green River and then entered Cataract Canvon. one of the roughest stretches on the Colorado. The trip through the canyon was well documented with slides and movies now edited into a presentation.

On Wednesday, November 13, at 7:30 p.m. in the Weapons Exhibit Center, the Bennetts will share their adventures with interested members of the public.

In addition to the above presentation, slides of other areas of Canyonlands and the nearby San Rafael Swell will also be shown.

The program is free. The Maturango Museum will sponsor gate passes for off-station visitors.



LT. ALAN M. FOGELMAN arrived recently and is assigned to the Center's Medical Department. He was commissioned Lt.(ig) in December 1963. Although a native of Brooklyn, New York, he claims Los Angeles, California as hometown. Fogelman has an AB from UCLA, received his M.D. from UCLA Medical School, and served his internship and residency in internal medicine at the University of California Hospital, Los Angeles. He, his wife Judi, three year old John, and nine months old James live at 59-B Stroop on the Cen-

Old Timers Attend 25th Anniversary

The October 11 issue of the Rocketeer published a list of people who have indicated affirmatively that they will attend the 25th Anniversary affair. A supplemental list is published below.

Ashworth, VAdm. F. L., USN (Ret), Com-

C.C., CalTech; Broshious, Marie, Wave — Early civil service; Cohen, Dr. N. W., early are invited to join, and may get their names on the rolls by a call to the secretary — Early military — Early civil service, Cone, Cdr. Wade, Former military in Sidewinder program; Crain, Lee, Early military — pilot; Draper, Marion G., Early military — Early civil service — Department Head; Duncan, Mrs. James A., widow of Cdr. James Duncan, early planner for Michelson Lab and then Laboratory Of ficer; Gentry, M. B., CalTech; Hart, Lamar W., Early civil service; Hering, Carl; Hussey, VAdm. Geo. F., USN (Ret), Chief, Bu-Ord during WW II; Irvin, John, Early Cal-Tech; Kirby, Lela J., Early civil service Kirkpatrick, Donald, Early military — NWC Research Department, launched two kayaks on the Colorado River below Moab. Charles C., widow of Dr. C. C. Lauritsen Lowe, Capt. Grady H., USN, Officer in Charge, Pasadena - Commanding Officer NOTS; McCreery, Capt. B. L., USN (Ret) Supply Officer, 1962-65; Murray, Dr. Earl Early Supt. of China Lake Schools; Patto H., Department Head; Pinyerd, CWO Early military — AODU-1; Plum, Dr. William, Early military — Early civil service; Stacey, Kent H., Assemblyman; Taylor, Col in A., Early civil service; Thomas, J. E. CalTech; Webb, Joe M., Early military — AODU-1; Wilson, A. Walter, Early civil service: Wright, A. C., Early civil service-Fire Chief; Young, Rodney, Early militar



AODU-1 Harvey Field.

Lagging Charity Drive Enters Its Final Week

Committee members for the 1969 Combined Federal Campaign expressed concern this week over returns to date. As the charity drive enters its final week, less than a fourth of the wage earners at NWC have turned in contributions, pointed out a spokesman for the CFC Coordinating Committee.

This will fall far short of the 100 per cent participation goal set in mid-October by Co-chairmen Captain K. C. Abplanalp and K. S. Skaar. Analyzing causes for the slack-off in participation, the committee cited the current reduction in force as a possible deterrent to contributions.

The NWC RIF, they stressed, is small in proportion to total employment. It should not cause any individual to forego his contribution to charity. Anyone affected by the RIF may cancel his deduction authorization, or if he goes to other Federal employment may transfer his contribution to a new payroll.

CFC committee urges federal wage earners be mindful of urgent local needs for charity in addition to needs of national and international scope. Particularly, at a time of local stress, the Chairmen emphasized, there is a need for unselfishness on the part of everyone to make and keep the community a better place to live and to give to those less fortunate.

With the Combined Federal Campaign going into its final week, Keymen are urged by the Chairman to make an allout effort to bring participation up to the goal set at the outset of the drive. It would be a poor reflection on the public spirit of China Lake were the returns to fall far short of the CFC 1969 goal, said Captain Abplanalp. A community where personal income is triple the national average, he continued, should drawn from the respect you wholeheartedly support worth- have earned at the Corona while causes represented by Laboratories and throughout more than a score of agencies the fleet is a most appropriparticipating in the Combined Federal Campaign.

No Payment No Reservation

Residents of Indian Wells Valley who have made reservations for the Early Timers' dinner and the 25th Anniversary dinner are reminded that payment for these can now be made at the office of K. H. Robinson, Technical Information Department, corner of Blandy St. and Knox Road. As there is a waiting list it will not be possible to hold reservations without payment after November 4.

Invitees to the joint Anniversary Ball and Marine Corps Birthday are reminded that today, Friday, November 1, is the deadline for returning all reservation reply cards to either the Marine Corps Liaison Office, Code 142, or to Code 554 in Michelson Laboratory. Reservations cannot be accepted if received after Nov. 4.

Captain Wessel Retires



Ending a 27-year Naval career, Captain Robert L. Wessel retired from the U.S. Navy today, November 1. Captain Wessel has been Commanding Officer of the Center's Corona Laboratories since November

During Captain Wessel's command of NWC Corona, the Laboratories were commended, specifically, by the Deputy Secretary of Defense, the Secretary of the Navy, the Chief of Naval Operations, and Admiral I. J. Galantin. Chief of Naval Material. Admiral Galantin's letter also mentioned that \$80 million worth of contracts. made during the Captain's tour, was the "first major award fee of this magnitude to be adjudicated by a government agency in the field."

The Admiral's letter concluded: "The personal satisfaction ate and valuable reward . . . I ice. join in saluting your many accomplishments."

Charge of the Livermore Divi-Agency, at Livermore Radiation Laboratory. Other shore tache case and a watch. duty included Research and Control Systems, Bureau of Naace Weapons Applications, Na- school term ends.

val Ordnance Laboratories, White Oak. He entered the naval service

in 1941 and was commissioned in 1942. During World War II he served in motor torpedo boats in the South Pacific, at Guadalcanal and in the Philippine campaigns. He also participated in the Southern France campaign. After 1945 he served aboard heavy cruisers USS Toledo and USS Rochester, and destroyers USS N. K. Perry and USS F. E. Evans, and assumed command of USS Shields in September 1961.

Captain Wessel has been awarded the Bronze Star Medal and Letter of Commendation with Combat "V's" in addition to campaign ribbons of Asiatic - Pacific Area, European - African - Middle Eastern Area, World War II victory, Navy Occupation Service, China Service (Extended), Philippine Liberation, National Defense Service, Korean Service, and United Nations Serv-

A retirement reception was held in honor of Captain and Mrs. Wessel at the Norconian Captain Wessel's previous Club in Corona Sunday afterassignment was as Officer in noon, where they greeted the many friends they have made sion, Research and Develop- while at Corona. As a token of ment Group, Field Support appreciation, employees presented the Captain with an

While Captain Wessel has Development of Surface Fire not yet made any firm decisions for the future, he is conval Ordnance; Technical Train- sidering a number of alternaing Group; Armed Forces Spe- tives. The Wessels will contincial Weapons Project, Albu- ue to live in their Corona home querque; and Air and Surf- until next June when the

WACOM Plans Luncheon

WACOM members are in for

Senn's Coiffeures will bring the reservations. a number of wigs to style for us. A hairpiece will be award- bers at the COM on Tuesday, ed for the doorprize.

Reservations must be made a gourmet treat at the Novem- by the Monday before the ber 12 gathering. Sue Byrd, luncheon. If you find it nec-Hospitality Chairman, refuses essary, cancellations will be to disclose the very special taken until 9 a.m. Tuesday of the luncheon. Pat Williams, The program should be of Telephone Chairman, is on interest to all. Tom Senn of Ext. 723104 and is handling

We hope to see all mem-November 12 at 11:30 a.m.

Post Office

Sets Rules For

Early Mailing

The Department of Defense

and the Post Office Department

have announced their policies

concerning the mailing of

Christmas gifts to armed forc-

es personnel overseas to in-

sure delivery in time for the

Four methods of mailing are

Surface Mail - Parcels

weighing more than five

pounds should be mailed be-

fore Nov. 9. Packages must not

weigh more than 70 pounds

nor be more than 100 inches

Space Available Mail - Pack-

ages in this category must

weigh less than five pounds

and cannot measure more

than 60 inches in length and

girth combined. They should

be in the mail from Oct. 21 to

Nov. 23. This mail will receive

air transportation on a space

available basis from the East

or West Coast of the United

Parcel Airlift - For an ex-

tra fee of one dollar, parcels

weighing 30 pounds or less will

be airlifted, space - available,

from the place of mailing to

overseas areas. These should

be in the mail from Oct. 28

airmail postage should be

mailed from Nov. 30 to Dec.

11 to assure Christmas deliv-

All mailers were reminded

that thousands of extra pack-

ages are mailed at this time

of year and despite efforts of

the Post Office and the mili-

tary postal service, some nev-

er reach their destination be-

cause they are wrapped poor-

ly and addressed incorrectly

ly packed in cartons of wood,

metal, or double faced corru-

gated fiber board. Fragile it-

ems should be surrounded by

cushioning materials such as

excelsior or shredded paper.

Packages should be secure-

Air Mail - Parcels bearing

to Nov. 30

or illegibly.

States to all overseas areas.

in length and girth combined

available and the following

dates and rules apply:

holidays.

THE LOCKER ROOM

Super Bowl



BY ED RANCK

It was the weekend when it was all supposed to happen. With six of professional football's top seven teams in action against each other it had been assumed that by Tuesday morning a pair of teams would have gained the inside track in the race to Miami. It was the pivotal weekend in pro football and now that half of the schedule is completed nothing is solved. The clouds in the crystal ball are thicker than ever.

Few people were absolutely firm in their predictions regarding the outcome of the three big games, but the Rams, Cowboys and Chargers had to be slightly favored. All three teams took gigantic pratfalls.

Had the Cowboys and Rams fared better, than an LA-Dallas championship clash would have been virtually assured. San Diego certainly wouldn't have clinched their divisional championship but with two home games remaining against the Chiefs and Raiders, things would have looked rosy.

When you reflect on the proceedings that occurred on Sunday afternoon and Monday evening, a few basic facts became

(A) Green Bay is not a dead ball club. This team, which once upon a time did all of the small things that spelled victory had began to do the small things that led to defeat. But apparently the Packers are beginning to smell the Super Bowl money again, and because they are in one of the weaker divisions of the NFL, their earlier mistakes might be nullified.

(B) The Rams can be had by a good team playing it's best game.

(C) The Chargers can be had.

(D) The Cowboys can be had but maybe only by Green Bay.

It had been mentioned that with the Chargers and the Rams both on the tube, we were witnessing what might best be described as a dress rehearsal for the Super Bowl. This could be true, but there is reason to believe that neither team will get that far.

Los Angeles has been called a super team and the heir apparent to the Packers as the dominant team in football. San Diego is being considered in the same light as far as the AFL is concerned. Both clubs are tremendously strong in some respects, but they also have glaring weaknesses that have to be considered.

The Chargers have an explosive offense that may be the best in pro football. But although they have made a great improvement over last year, the defensive unit is still a patsy for a well executed sweep or the screen pass. San Diego's linebackers are small and possibly a little too slow.

At first glance it would seem that the Rams have offensive problems, but the fact is that they have a fine, although conservative offensive unit. Although few would agree with the theory, it seems to me that the Los Angeles weakness is also

The Rams have what has to be the best front four ever to play the game. But occasionally an offensive line will reduce the Fearsome Foursome to the status of mere mortals. On these occasions, Deacon Jones and Co. will perform with the efficiency of a good defensive line, providing a pass rush that is on a par with, say, Green Bay.

Given a chance to survive, the offensive quarterback will pick the Los Angeles secondary apart, proving that the pass defenders need a superior effort up front in order to perform effectively. It happened in San Diego two months ago and it happened in Baltimore on Sunday.

With these facts in mind, it is time to make our last annual pro football predictions, realizing of course that calling Gritton, who appear as various the winners of six divisions and five post season games is a bit hazardous, especially without the help of a guru.

In the Central Division, Green Bay, strictly because of their performance against the Cowboys on Monday evening. folk songs from "The Ameri-In the Capital, Dallas should breeze home by three games. St. Louis will win the Century, being the best in a group of so-so

In the Coastal Division the Rams should make it with a win over Baltimore at home, then beat Green Bay in the semifinals. Dallas meanwhile should take St. Louis easily.

The NFL finale involving Dallas and Los Angeles is hard to pick. Both teams are hungry but the Cowboys have the home field advantage. Dallas should win but by no more than a

While it is possible to guess on the outcome of the NFL with some clarity, the AFL is a different story. In the West, Oakland, Kansas City and San Diego are in the running. Figuring that Oakland will beat KC this Sunday, we would have to go with San Diego because they will play the Raiders and Chiefs at home later in the season. But the team that nobody is talking about, the New York Jets, will win the AFL cham-

After that it is on to Miami, with the Super Bowl outcome being Dallas 34, New York, 27. I think.

Maybe.

Youth Activities Prepare For Halloween Dance

There will be a Halloween party and dance for members of the Junior Student Union (seventh and eighth graders) at the Youth Center tonight. November 1, from 7:30 p.m. until 10:30 p.m.

All participants are asked to wear a costume and/or a mask. Cider, doughnuts, and apple dunking will be on the menu and music will be furnished by the "Majestic Purple."

Admission is free to members with dues paid; admission charge for guests is 75 cents.

SENIOR STUDENT DANCE

The "Rusty Pickles" from Buena Park will furnish the music for a high school dance at the Community Center tonight, November 1, from 8 to 11 p.m.

Admission for members of the Senior Student Union. with dues paid, will be free; there will be an admission charge of \$1 for guests. Dress for the evening is casual.

BASKETBALL LEAGUES China Lake Youth Basketball Leagues, sponsored by Youth Activities of Special Services,

are now being organized. Managers, coaches, referees, and timekeepers are needed all adults who desire to assist in these positions are asked to contact the youth director, Dick Wadman, at Ext.

72902. The leagues will be divided into two age groups - one league for boys who will not be 15 years of age prior to December 1, 1968, and one league for boys who will not be 13 years of age prior to December 1, 1968. All participants must be at least eight years of age on the date of registration.

Carl Sandburg's Works To Be Read

"The World of Carl Sandburg," a reader's theatre in two parts will be presented by Theatre 27 of the Desert Campus of Bakersfield College on Thursday, November 7, in the Burroughs High School Multipurpose Auditorium at 8:15

The cast includes Ralph Schwarzbach, Jacqueline Jessberger. Wesley Willett, Mary Anne Wilkins, and Robert characters in the Sandburg work. Wayne Carpenter and Jeanne Gritton will provide the can Songbag."

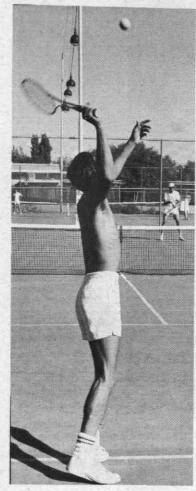
The production is being directed by Pat Schwarzbach, instructor of the theatre class.

Admission is \$1.00 for adults and 50 cents for children and students. Members of the college's student body will be admitted with an activity card. Tickets are now available at the college office and from members of the cast.

STANDIN	GS			
	W	L	PF	PA
VX-5	4	0	110	30
Outlaws	2	1	52	32
NAF	3	2	127	70
Crabs	2	3	93	58
Genge	0	5	19	205
LAST WEEK'S	RES	ULTS		
VX-5 19, Crabs 6; C	utla	ws 1	25, G	enge
0. NAF 18 Genge 7				

NEXT WEEK'S SCHEDULE

Annual Tennis Tournament



ACTION BEGAN at the local tennis courts this weekend on the occasion of the China Lake Tennis Club's Annual Fall tournament, Final rounds will be played this weekend. Awards will be presented at a party to be held at the COM, Saturday, November 2.

Randy Stedman High Scorer Among Juniors

Friday, November 1, 1968

Randy Stedman rolled a 602 series last week to lead the way in the China Lake Junior Mixed League. Randy had games of 213-200-189 enroute to the series, one of the highest this year in the Junior League. Randy also, has a 254 game to his credit, having hit that mark during the previous week's action. Linda Cutsinger was high for the Junior Girls rolling 160-445.

In the Senior Mixed League, Mark Barkemeyer, Dale Dowd and Charles Goff all hit 203. Dowd had high series with 555 while Barkemeyer had 540. Bruce Pfau also broke the 500 mark, rolling a 523.

Fred Dalpiaz took high series honors in the Midway League with 643, hitting 234 and 231 along the way. John Ito was next with 215-204 and a 604 while Joe Chesney had high game with 235. Other top games included Bryant Ferguson 231; Roy Johanboeke 224; Ken Dalpiaz 221; Bob Owens 214; Bob Tegowski and Maury Coleman 212; and Mike Crom

In the Desert League, Don Tucker led the way with 205-224-189 for a 618 series. Tucker shared single game honors with Bert Galloway who also hit 224. Dave Bonnema led the Military Handicap League with 235-607 and Ken Dukeshire had second high single game with 211.

Partridge Hunters Ready Aim



opening day of upland game- information. bird season tomorrow, Novem- Overnight campsites for the ber 2, on NWC's north range. hunting weekends are at Junc-Last year more than a thou- tion Ranch and Burcham sand hunters were logged Springs. Running water is through the Darwin Gate dur- available at Junction Ranch. ing early hours of opening Sportsmen are reminded day. Another big crowd is ex- roads on the north range are pected this year for the sixth rough and caution in driving consecutive year of open hunt- is a must. Owners of low-slung ing at NWC.

partridge (picture), mountain Last August's cloudburst and valley quail, cottontail and roughed up this route considjackrabbits. Bag limits this erably. Some repairs have been year for chukar are five per completed but parts of the day, five in possession. The road still require careful drivten per day, all species, limit ing. for quail remains unchanged Opening of military lands

provide maps. fire permits and Upland game hunting on information. California Depart- NWC ranges will continue on ment of Fish and Game per- the weekends of November 16 sonnel will be on the range to and 17 and end on the weekenforce license and bag regu- end of November 23 and 24.

Sportsmen are primed for lations, and assist in furnishing

cars are especially warned to Legal species are red-legged take care on the Darwin Road.

as does the ten in possession whenever possible for general recreation or sportsmen's uses NWC Security police will is part of the Department of check hunters in through the Defense broad program of nat-Darwin Gate from 5 a.m. and ural resource management.

Comm. Council Candidates



SEARCY H. BROWN PRECINCT 5

The election of the Directors for China Lake Community Council will be held at the same time as the General Election, Tuesday, November 5. Ballot boxes for the Council will be in the same room as those for the General Election - but located a distance from the Registrars.

Registration is not necessary to vote for the Directors of the Council; however, the voter must live in the precinct in which he is voting for a director. Members of all precincts can vote for the Director at Large. Military and civilian newcomers are eligible to vote, even though they have only been on the Center one day.

Eight directors are seeking reelection; two are uncontested candidates in their precincts; and one incumbent is opposed by two candidates seeking office.

Precinct candidats are: Precincts 1 and 10—George Ness, incumbent.

Precinct 2 — Ted Bergman, incumbent Precinct 3 — Chief Gerald Inmann, USN.

Precinct 4 — Wardna Abernathy, Council Vice Presi-

VERNE C. TRACEY

PRECINCT 5

dent incumbent Precinct 5 - Bob Young, incumbent; Verne Tracey; Searcy Brown. Precinct 6 - Lt. James Mas-

lowski, USN. Precinct 7 — Ruth Schuyler.

Precinct 8 - Donald W. Copper, Council President, incumbent.

Precinct 9 - Larry Mason, incumbent.

Incumbent Director at Large, John D. Emery, is seeking reelection.

New Candidates

The four new candidates casting their hats in the ring for Community Council direc-

Chief Petty Officer Gerald Inman, of NAF, is seeking election as director in Precinct 3. The 37-year-old career Navy man is a native of Corpus Christi, Tex. He has 17 years of Navy service.

His community activities have included posts of secretary and pistol executive of the Sierra Gun Club. He is a member of the NAF Rifle and pistol Team. He has served as Boy Scout Leader at Imperial



PRECINCT 3

Chief Inmann and his wife, Mary Kay, have three children, Melody, 15, Maureen, 131/2, and Gerald, Jr., 12.

Searcy H. Brown is opposing incumbent Bob Young and candidate Verne C. Tracey for director in Precinct 5. A retired Naval Weapons Center employee, Brown has lived at China Lake since 1945. He served on the Community Council in the early days at

China Lake.

His wife, June, is employed in the Air Force Liaision Office at NWC. They have two daughters, Linda, a student at the University of California at Santa Barbara, and Sue, who is married and has five children and lives in Lafayette,

Verne C. Tracey is opposing candidate Brown and incumbent Bob Young for director in Precinct 5. Born in Gerber, Calif., Tracey entered the Navy in December, 1941 and served until December, 1963, retiring as a Chief Petty Officer.

He was employed by the Rocket Propulsion Laboratory until June, 1966 when he trans-



LT. JAMES MASLOWSKI PRECINCT 6

ferred to the Systems Development Department here.

Tracey is a member of the Board of Directors of the Fleet Reserve Association, Branch 95, at China Lake. He and his wife, Beatrice, have one son,

Lt. James Maslowski, USN, of NAF,, is an unopposed candidate for director in Precinct 6. A native of Virginia. Minn.. he has seven years of naval service and is Free-Fall Weapons Project Officer at NAF.

He has served on Commun ity Councils at Milton, Fla., and Kingsville, Tex. He has been a member of the Kiwanis Club and the Catholic Men's Club. Lt. Maslowski and his wife. Priscilla, have one daughter, Michelle Katheryn, 16 months

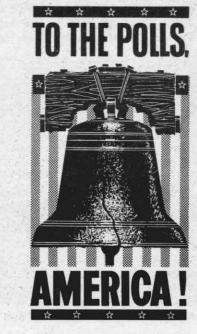
Residents Urged to Vote

Members of the Board of Directors of the Community Council are China Lake resi-

dent's elected representatives. All eligible residents are urged to exercise their voting privileges and show their interest in community affairs by voting in the Community at Edwards Air Force Base Council election and the Gen-

All packages should be addressed correctly using the five-digit Army Post Office (APO) or Fleet Post Office (FPO) numbers. Mailing and return addresses should also be placed inside the packages. The Defense Department

asked that mail not be sent to the Pentagon for armed forces personnel serving overseas. All mail must be addressed to servicemen or women by name, and should include the individual's service number.



IWV Ladies Visit Bakersfield College Campus



IWV LADIES GO TO COLLEGE — Ladies from various clubs and organizations of the area listen intently as Tom Taylor, Bakersfield College Student Body President, conducts them on a tour of the campus. The trip was part of a combined tour and shopping trip.

hosted for a one-day tour of the speaker. During the coffee, Bakersfield on October 16 as the ladies met Burns Finlinson, guests of the Women's Divi- Bakersfield College President, sion of the Greater Bakers- and Charles Evers. field Chamber of Commerce.

The ladies were met on ar-Margaret Janzen, Women's Division Military Affairs Chairman and Tom Taylor, Associated Student Body President. Taylor, the first Indian Wells Valley resident to be elected Student Body President at Bakersfield College, escorted the women on a tour of the camp-

A bus trip around the campus served to introduce the la- her talk developing the thesis dies to the college which was that America is great because followed by an on-foot tour and of its "intangibles." inspection of the new language After the luncheon the laarts building.

maxed by an invitation to join spent in getting acquainted 2,000 students and faculty with the Valley Plaza facilities members who were having a before leaving for home around coffee following a convocation 4 p.m.

Over 35 women from local at which Charles Evers, Missisclubs and organizations were sippi civil rights leader was

After their tour of the college, the ladies were guests at the Chamber's annual military rival at Bakersfield College by affairs luncheon held in the Valley Plaza Town Hall.

The luncheon speaker was State Treasurer Ivy Baker Priest, who assured her audience of approximately 120, that difficult as it was for her. she would not make a political address.

Mrs. Priest gave a general review of the functions and responsibilities of her officethen devoted the remainder of

dies met Mrs. Priest. The bal-Their campus visit was cli- ance of the afternoon was

Secrets of Salt Wells Plant are Revealed

story of the hush-hush Project Camel and the Salt Wells Pilot Plant at the Naval Weapons Center, China Lake.

many of the atomic bombs made after World War II were produced at the Salt Wells Pilot Plant for the Los Alamos Scientific Laboratory, initially under the Manhattan District and later the Atomic Energy Commission. The work Project. of casting and machining extremely precise chemical explosive charges for a to mic bombs was started at the Salt Wells Pilot Plant in July 1945, just 115 days after ground was broken for the new plant. Between 1945 and 1949 it was the only producer of certain chemical explosive components for the atomic weapons program. When operations ended on July 1, 1954, Salt Wells transferred its production techniques and know-how to other

The story of the NWC role in the atomic bomb work has been cleared for publication by the Albuquerque Opera-tions Office of the Atomic Energy Commission and the Directorate for Security Review of the Department of Defense. Story Begins in 1944

The story began in 1944. when the one-year-old Naval Ordnance Test Station (now NWC) was providing test support for the rocket development work that the California doing for the Office of Scientific Research and Develop-Manhattan Project was under intense pressure to produce an ar Bush, the head of OSRD. believed that the project could

Now it can be told - - the Tech rocket group headed by Dr. C. C. Lauritsen.

Dr. Lauritsen established an office at Los Alamos where he maintained close and continu-Explosive components for ing liaison with Dr. J. Robert Oppenheimer and essentially served as part of the Los Alamos management team. Thus he provided a ready channel for applying CalTech - NWC resources wherever needed on the top - priority Manhattan

The main CalTech - NWC contributions to early nuclear weapons programs was in establishing production techniques and in manufacturing the explosive components for the early nuclear bombs of the implosion type. This work represented a uniquely new technical challenge in that it required casting and machining high explosives. These precise explosive components would perform the key function in an atomic implosion weapon by instantaneously bringing together under compression a supercritical mass of nuclear mate-The original experimental

facilities for producing the explosive forms were in crowded temporary buildings at Los Alamos. It became increasingly apparent to Los Alamos management that the limited facilities were imposing a sharp limitation on the experimental effort. In particular, Captain W. S. Parsons, USN, (later Rear Admiral) who head-Institute of Technology was ed the Ordnance Division at Los Alamos, was concerned that there was not a permament (OSRD). At that time the nent plant for manufacturing high-explosive components for the implosion - type weapons atomic bomb, and Dr. Vannev- and for performing research to improve the technology.

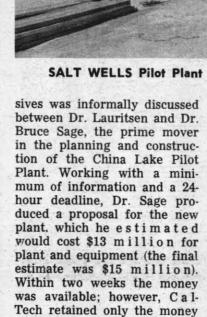
In December 1944 the need benefit by using the scientific for a pilot production plant talent and facilities of the Cal- for manufacturing the explo-

San Care

FACILITIES IN USE at the Salt Wells Pilot Plant during

A TYPICAL dock at the Salt Wells Pilot Plant in 1946.

Project Camel included these cooling towers.



for detailed engineering and process equipment, and the bulk of the funds were trans- nance experience, which made ferred to the Navy for construction contracts. the objectives of this new work at the NWC range made it a

which was to be called Project Camel. This meeting was attended by General Leslie R. Groves, U.S. Army, Captain Parsons, Dr. Lauritsen, and Dr. Sage. CalTech was given a free hand in designing, equipping, staffing, and operating the sons was at China Lake giving plant. The only qualifications were those of rapid completion date and permanency of construction. The plan was to construct the plant in 90 days. It er, of the explosion as seen utilized 550 employees plus an was approximately 115 days by him from the air. His next estimated 300 others in the from the time of the first stop was to be Tinian where support activities. ground breaking until the first he would be in charge of the explosives were cast. This his- final preparations as well as the was known about fabricattoric day for Project Camel was July 25, 1945.

in meeting the tight deadline was that the processes and equipment were technically unique and untried. A problem faced by the designers of the plant was that as the building construction proceeded many of the manufacturing techniques had not yet been defi-

of this project, only a handful of CalTech scientists and engineers were aware of its purtion, but few, if any, knew the end product of their work.

The facilities of the Salt Department. Wells Pilot Plant included ma-



SALT WELLS Pilot Plant Guard Gate as it looked on July 31, 1945, 23 years ago.

him skeptical of untried paper

studies, that brought about an

extensive test program with

the actual bomb shapes. The

instrumentation and facilities

desirable place for a number

of the drops for fuze testing

Within two days after the

first successful firing of the

atom bomb at the Trinity site

an eyewitness account to Dr.

and for penetration studies.

for the administration, service facilities, and main processing plant. The Camel test area and the magazine area occupied an additional 20 square miles. In addition to the close scientific link established by Dr. Lauritsen between Los Alamos and the CalTech - NWC complex, there also was a strong military link through Captain Parsons, who was in charge of all work concerned with final preparation and delivery of combat bombs. It was largely Parsons' background of ord-

In January 1945 a meeting was held at CalTech to outline

One of the major problems Plant what his project was all about, but in the years that plant and the rest of the station continued to guard with nitely established. The basic extreme vigilance information principle was to design build- about both the plant and its ings for maximum flexibility. product.

During the first few months The group operating the plant was transferred to Civil Service under the Explosives Department in November 1945. pose. Thousands of construc- and was later operated by the tion workers and engineers Rockets and Explosives Departwere employed in the construc- ment. Between 1951 and 1954. the organization held department status as the Explosives

As processing methods were

modified and expanded, there were three significant additions to the plant - in 1948, 1950, and 1951. A total plant evaluation, excluding equipment, ended up at about \$9.5 million with 52 permanent buildings. The plant operated as a contractor to the Atomic Energy Commission under the technical coordination of the Bureau of Ordnance.

The Atomic Energy Commission, in its desire to increase production, was generous in providing almost \$5 million worth of community facilities in support of the program. The Groves Street School, n a m e d for General Groves, is obvious, but not so well known are the following: 380 Normac houses, 15 groups of the Card Street apartments, extension of the runways at the Naval Air Facility, two barracks, two dormitories, three SSQ-type houses, half of the original commissary, the present barber shop, the material for a 14-inch water line, and telephone cable in New Mexico, Captain Par- lines from Inyokern to the base. Between 1945 and 1954, the Salt Wells effort averaged Lauritsen and Captain S. E. from 15 to 20 per cent of the Burroughs (now RAdm. Ret.), entire station budget. At the NWC's first commanding offic- peak of operation, the plant

When the work started, litbomb commander on the Hiro- ing bombs. It was definitely an shima flight on August 6, 1945. art, not a science. The employ-With the news releases on ees at Salt Wells turned this the bombing of Hiroshima and into a science and perfected Nagasaki, it became obvious the methods, tools, and techfor the first time to many a niques that, upon the closing worker at the Salt Wells Pilot of the plant in 1954, were turned over to AEC. The mission of the department was followed the personnel of the thus completed.



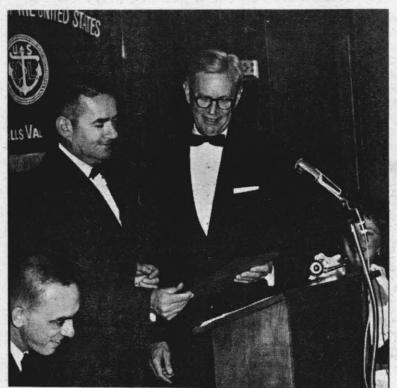
U. S. SAVINGS BONDS. **NEW FREEDOM SHARES**

NWC Commander Honored

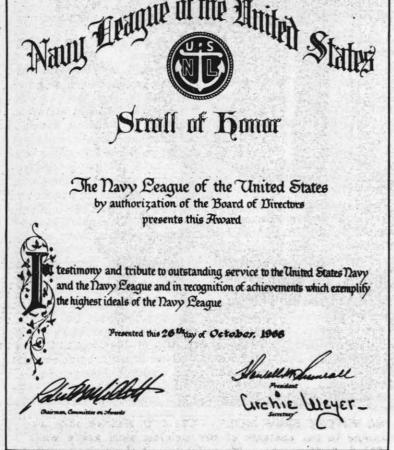
Friday, November 1, 1968



HONORARY MEMBERSHIP in the Indian Wells Valley Council of the Navy League was presented to NWC Commander, Capt. M. R. Etheridge by Navy League president Howell Sumrall.



SPECIAL SCROLL OF HONOR in tribute to outstanding service was presented to NWC PAO "J" "T" Bibby.



DeLand Chosen As '68 Bluejacket, Wins Cash, Trip

(Continued from Page 7)

speak of a command as 'my command.' Well, a command belongs to every man in it," he emphasized.

Capt. Etheridge also paid tribute to the local Navy League Council, citing its Bluejacket of the Year Award as a program of substance. He commended the twin cities of Ridgecrest and China Lake for their community support of the annual banquet.

Guests of The Hideaway Other "Bluejackets of the Month," who were dinner guests of The Hideaway, present for the banquet were Photographers Mate First Class Gary Bird and wife Cecilia; Aviation Electrician's Mate First Class Carelton Savell and wife Rae; Aviation Structural Machinist's Mate First Class Eugene Boyts and wife Jeri; Aviation Maintenance Administrationman Third Class Dennis Rohwer and sponsors Mr. and Mrs. Wilbur Stark; Aviation Ordnanceman Second Class Robert Plotkin and guest Miss Terry Fox; and Missile Fire Control Technician Second Class George Johnson and wife Judith.

The distinguished guest list included Capt. and Mrs. M. R. Etheridge, NWC Commander; Capt. and Mrs. Robert Williamson II, NWC Executive Officer; Capt. and Mrs. Lawrence A. Dewing, NAF Commanding Officer; Capt. and Mrs. Charles W. Fritz, VX-5 Commanding Officer; Senior Chaplain Harold A. MacNeill, who gave the Invocation and pronounced the Benediction; and Dr. and Mrs. R. W. Sheldon, president of the Bakersfield Council of the Navy League.

George Whaley M.C.'s Ridgecrest Chief of Police George M. Whaley adroitley handled the master of ceremonies' chores in the introduction of guests and Bluejackets to the over 100 in the banquet audience.

23 Firms Contribute

Twenty - three firms contributed to the Navy League making the awards and the Naval Birthday Celebration possible. They included Arrowsmith Tool & Mfg. Corp., Bakersfield Council, Navy League, COMARCO In c., Computer Applications, Inc., Fedco, General Dynamics Corp., Fred Harvey Co., Genge Recreation Club, Hertz Rent-A-Car, Hideaway Steak House, Hughes Aircraft Co., K&R Markket, Kiwanis Club of Ridgecrest. McDonnell Douglas Corp., Mercury Moving & Storage Co.

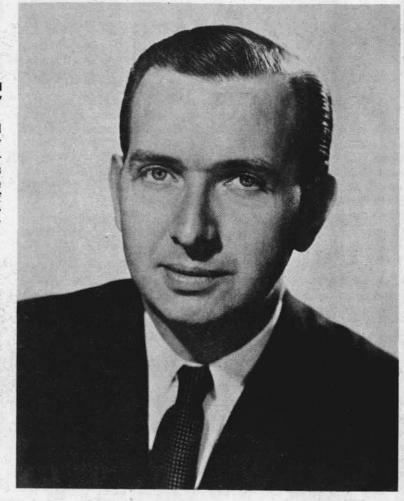
Also, Meteorology Operations, Inc., Mint Hotel, North American Rockwell Corp., Shopping Bag Food Stores. Inc., Texas Instruments, Inc., Valley Independent, Veterans of Foreign Wars Ship No. 4084. Western Auto Supply, and The Flower Shop.

Polling Change

The polling location for Precinct Five has been changed Youth Center.

The Youth Center is located behind the Post Office and Plaza on the Center.

Concert Association Hypes Sales



cert Association will open its 1968-69 series of five concerts on November 25 with Grant Johannesen, internationally known pianist, on the stage of the NWC Theater. Other concerts will be Zara Nelsova, seats for this year. The seleccellist, on December 12; the tion of new seating for renew-American Brass Quintet on al patrons will take place on January 29, 1969; the DeCor- Tuesday evening, November

Now in its 21st year, the China Lake Civic Concert Association has an especially great need for membership this year. Despite rising costs, membership prices remain the same as the last several years. Season tickets are priced at \$15, \$12.50 and \$10. Servicemen and children receive their tickets at half-price. All seating in the NWC Theater for the series is on a reserved

March 3, 1969.

This year the Board of Di-

The China Lake Civic Con- dren in the appreciation of fine music and dance. Last year's patrons of the

series have been mailed renewal cards to indicate whether they wish to reserve their same seating or select other mier Folk Singers on Febru- 5, at the Maturango Museum ary 20, 1969; and Jose Greco from 6-10 p.m. H. L. Bagge. and his Spanish Ballet on ticket manager, has asked that any of last year's patrons who have not mailed back their renewal cards or have not been contacted by telephone, should call him at NWC 73341 before Sunday.

> New subscribers to the series will select their seating on Wednesday and Thuesday evening, November 6 and 7, from 6-10 p.m. at the Maturango Museum. The need for new subscribers is great this year and the current sales campaign continues up until the time of new seat selection.

Persons who wish to subrectors has moved the starting scribe to the series or who have time for the concerts to 8 questions about the series may p.m., hoping that this will be contact Mrs. David H. Chapman an added inducement for par- at NWC ext. 723324 or Mrs. ents to encourage their chil- R. M. McClung at ext. 725811.

CABLE COMMUTER PLANE SCHEDULE

Effective November 1, 1968

Inyokern - Los Angeles International Airport Cable Schedule (TR's or Tickets Required)

Northbound	Flight No.	Leave LAX	Arr. Inyokern
Monday through Friday	310	1000	1105
Sunday through Friday	328	2030	2135
Southbound	Flight No.	Leave Inyokern	Arr. LAX
Monday through Friday	412	1120	1230
Sunday through Friday	429	2140	2250

NOTE: All flights stop briefly at Lancaster.

Passenger transportation will be provided between China from Murray School to the Lake and Inyokern Airport or visa versa Monday through Friday when requested.

Sunday travelers departing or arriving China Lake should make prior arrangements for transportation through the Travel Malt Shop at Bennington Branch, Code 8517, Ext. 71378, China Lake.

Bluejacket Mess Is Tops

Quick Service, Home-Style Meals Order Of The Day

The Bluejackets' general mess — restaurant to the civilian populace — provides breakfast, dinner, and supper seven days a week in mess halls located at the enlisted barracks complex and at the Naval Air Facility.

The number of men fed per day averages 150 at the NWC galley and 100 at NAF, including VX-5.

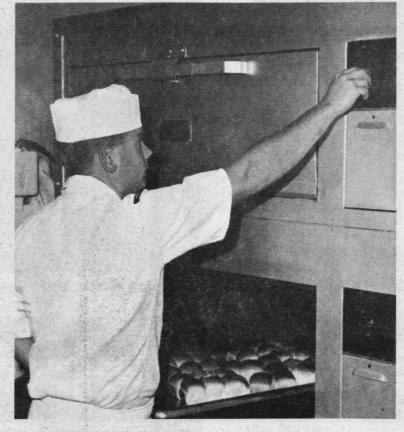
Nineteen messmen are assigned for three month tours to the general mess from the various divisions at NWC, NAF and VX-5.

On week-ends and holidays early and late brunches are substituted for breakfast and dinner. Monday through Friday at the noon meal the men may have their choice of a regular dinner menu or short - order fare as served on the new "express mess."

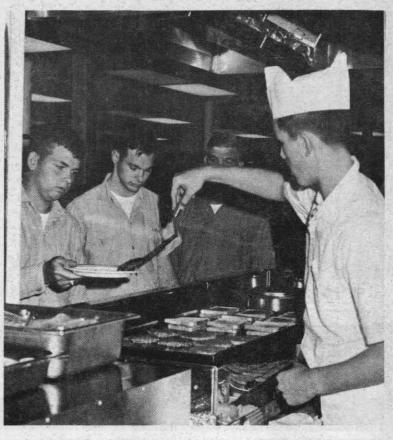
Both NAF and NWC mess halls have "restaurant" type atmospheres with individual tables for four, a smorgasbord salad bar and soft background

Periodically the mess features "Italian Night" with a complete Italian menu featuring spaghetti and pizza. Red and white checkered table cloths and candles at each table complete the scene.

The general mess is a function of the Food Service Division headed up by Lt. C. L. Anderson. In addition to the above he is assisted by CSC J. R. Santos, chief - in - charge of general mess; SK1 R. K. Regan, administrative petty officer; CS1 C. S. Stone, galley captain; CS1 W. G. Saloninka, butcher; CS3 W. Bodie, jack of the dust; CS2 C. J. Barkley, NAF port cook of the watch; AQF2 S. F. Imms, port messhall master at arms; AT1 R. M. Clark, starboard messhall master at arms; and DC2 W. H. Lodovice, NAF.



CS2 G. DANIELS, baker at the enlisted galley checks the ovens used for baking pastries. Eighty pies and about 700 doughnuts, plus assorted breakfast rolls and cakes (cookies too) are baked daily. Cakes for the 25th Anniversary, including the Marine Ball, will be baked at the galley.



EXPRESS LINE is tended by SA J. H. Sanders. This new service permits a choice of short order fare such as the ever popular hamburger and hot dog, plus sloppy joes, pizzaburgers, grilled ham 'n cheese or tuna, french fries, potato chips, chili bowl, egg salad, and "you name it."



INDIVIDUAL TABLES FOR FOUR with white table cloths help create a restaurant - type atmosphere in the dining hall. Families of enlisted men are permitted to dine in the general mess on special occasions such as Thanksgiving, Christmas, and five other special holidays in the year.



MODERN "HEAT" LAMPS insure a hot meal in the regular chow line. CSC J. R. Santos (I), chief in charge of the general mess observes the serving of hearty appetites. AN D. L. Earle serves the especially prepared and nutritiously-balanced meals in true professional style.



SALAD BAR "A LA SMORGASBORG" — The well-balanced meal wouldn't be complete without that special salad. Four kinds

of salad are prepared for every meal ranging in variety from chef's salad to perfection salad.



NO WITCH'S BREW HERE — CS1 J. D. Hedrick adds seasoning to the contents of the stainless steel kettle while CS1 C. S. Stone stirs with a stainless steel stirring paddle.

NWC Weapon Exhibit Center Ready For 25th Anniversary Celebration

Just in time for the 25th Anniversary activities at China Lake major improvements in the Weapon Exhibit Center are being completed. Long - planned exhibits have been added and a major facelifting to the outside of the building have been accomplished. It is expected that many of the visitors to China Lake on the 8th and 9th of November will tour the refurbished exhibits.

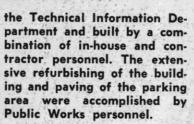
Exhibits were developed by the Presentations Division of





THE REFURBISHED EXTERIOR of the Weapon Exhibits Center and the newly paved parking area present this appealing

view to visitors. The rehabilitation was accomplished in record time by the Center Public Works Department.



In commenting a bout the Exhibit Center. Earle Kirkbride, Head of the Presentations Division said, "These new displays and the outside improvements make the Exhibit Center a place area residents can be proud of. It is a place where the history and contributions of the Laboratory can be seen. There are still gaps in the displays, but hopefully in succeeding years they can be filled and present displays updated."

The Exhibit Center is regularly open from 2-5 p.m. on Saturdays and Sundays in cooperation with the Maturango Museum.



BOTH OPERATIONAL and experimental ordnance developed at the Center can be seen on the modern displays in the Exhibits Center. On some displays space has been left for items presently classified but eventually planned for incorporation into the display.



SEVERAL OF THE new displays as well as some of those installed earlier can be seen in this view from the east end of the exhibit area. Additional units are planned and some older displays will also be refurbished.



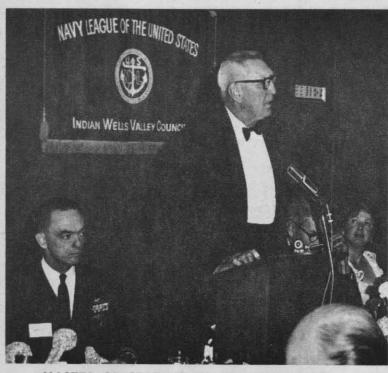
ONE OF THE recently completed displays commemorates the 1963 visit of President Kennedy. The President's flag is a part of the display. Ray Sinnott looks on.



K. H. ROBINSON, a former Salt Wells Pilot Plant engineer and now head of the Technical Information Department inspects the new display that tells part of the story of Center involvement in atomic weaponry up until 1954. Part of that story is told publicly for the first time elsewhere in this issue.

R. A. SINNOTT, Head, Exhibits Branch (I), and A. B. Christman, Senior Presentations Coordinator, inspect one of the recently installed displays in the Exhibit Center. Sinnott has been in charge of installing the new exhibits. Christman has been responsible over the years for a large part of the planning of the center.

ROCKETEER



MASTER OF CEREMONIES GEORGE WHALEY



OVER 100 COMMUNITY AND CIVIC LEADERS ATTENDED BANQUET



FELLOWSHIP AND ANIMATED CONVERSATION SET TONE OF BANQUET



MADGE HUCEK GIVES CAR KEYS TO AQ1 DeLAND

Navy League Awards Banquet Salutes NWC Bluejackets



CAPT. AND MRS. ROBERT WILLIAMSON II



CHAPLAIN AND MRS. MacNEILL, CAPT. C. W. FRITZ



MR. AND MRS. HERB KING



MRS. JIM WHEELER, PHI AND MRS. GARY BIRD





MRS. MEYER, MRS. BURKE WEST, ARCHIE MEYER

PHOTOS BY PHAN MIKE KRAUSE



MR. AND MRS. MILFORD CARLSON

DeLand Chosen As 1968 Bluejacket

DeLand was selected by a Officers and Chiefs of the Naval Weapons Center.

The 1968 Bluejacket of the Year was the Naval Weapons Centers "Bluejacket of the Month" in April of this year. A Texan by birth, DeLand enlisted in the Navy in January, 1963. He came to China Lake in November, 1965 from the Naval Air Station, Cubi Point, Philippines.

Since his arrival he has served on the NAF Recreation and Welfare Committee, the NWC Recreation and Welfare Committee, and is fire control representative to the NAF

with VF 143 aboard the USS Constellation from February, 1964 to May, 1965, and was in the Tonkin Gulf when the destroyers USS Maddox and USS C. Turner Joy were fired upon.

Capt. Etheridge Praises Guest speaker Capt. M. R. Etheridge, NWC Commander, told the banquet audience that the petty officer is still the "backbone" of the Navy. He noted that half of the crew aboard his previous command. the USS Wasp, were under 21 years of age.

"We skippers get over enthusiastic and are prone to

(Continued on Page 9)



AO2 ROBERT PLOTKIN AND MISS TERRY FOX



CAPT. AND MRS. LAWRENCE A. DEWING





FTM2 AND MRS. GEORGE JOHNSON



DR. AND MRS. RALPH SHELDON OF BAKERSFIELD