







## CNM Pens New Year Message

FM: Chief of Naval Material  
TO: All Hands

As the New Year arrives, it is appropriate that members of the Naval Material Command take stock of our accomplishments in 1968 and prepare for a year of even greater performance in 1969.

Although there have been many frustrations, the past year has been one of considerable accomplishment with a substantial number of achievements. It has been a demanding year, one that has called forth tremendous efforts on the part of all of you. Your response has been excellent, and I am particularly pleased with the progress made this year in getting better team effort. You did a splendid job for the Navy.

By very hard work, we kept pace with the situation in Viet Nam and held up our end of production of aircraft and ordnance. Our support to the operating forces included delivery to the MarCorps and fleets, of six new and eight converted ships and nearly 1,000 new aircraft; overhaul of 226 ships and 3,270 aircraft; production of 1,775,000 major caliber rounds of navy gun ammunition, and loading of 1,914,100 bombs. Our supply support has been effective, and our communications capabilities increased.

We contributed to the Navy's achieving important program decisions which will provide for continuation of the submarine building program; funding of two carriers and recognition of a Navy requirement for a third carrier; authority to proceed with contract definition of the new F-14, and a multi-year procurement of the LHA.

Also, we successfully entered into contract definition for our new destroyer program, and developed multi-year milcon programs, which will permit modernization of our shipyards and NARFs.

Our laboratories continued development of fleet-worthy weapons and systems and provided rapid assistance to forces deployed in Southeast Asia. Among notable developmental milestones were Dolphin, Phoenix, Poseidon, Deep Submergence, Mark 48 Torpedo, SATCOM and OMEGA.

Progress was made in clarifying and gaining acceptance of the organizational concepts under which the NMC functions. One such step was the review and revision of the charters of the Systems Commands, which revisions should result in lessened interface problems in the coming year. On July 1, 1968, NTDC joined the NMC, an event which will expand its utilization and permit strengthening our training material support.

The New Year will be even more demanding than the last. Our problems will become more severe because our programs keep growing in numbers and complexity and our resources cannot keep pace with them.

Specific goals will include: (a) shortening of contractual lead time; (b) improvement in advance procurement planning and contract administration; (c) resolution of long-standing major contractual issues;

(d) substantial reduction of letter contract backlog; (e) improvement in pricing and cost control on all acquisitions; especially in the area of shipbuilding; (f) better ship overhaul planning and deliveries through the CNO/CNM Ship Overhaul Improvement Program which has become during this year a vigorous effort; and

(g) continuing efforts to provide for improved manpower management while providing better career opportunities and greater job satisfaction to our very valuable personnel.

I will expect each of you, and myself, to demonstrate and promote greater resourcefulness and adaptability to changing requirements and, above all, greater sense of personal accountability to the end that we make further improvements in 1969 in world-wide support of our Navy-MarCorps team.

Happy New Year to you and yours.

(s) Admiral Galatin  
Chief of Naval Material



**MUSCLE POWER** — There are still things in this modern world that are done faster by hand than machine. Ordnance men at Attack Squadron 165, aboard the carrier Ranger grime under the strain of arming an A6 Intruder all-weather bomber. Ranger is currently operating off the coast of Vietnam.

## New Telephone Facility Completed



**NEW TELEPHONE BUILDING** — Construction has recently been completed on a new telephone facility that will serve as a switching center from some 2,300 stations on the base. Automatic switching equipment is now in the process of being installed. California Interstate hopes to start using the new equipment by August of 1969.

## Merchant 'Awareness' Gap-CNO

Admiral Thomas H. Moorer, Chief of Naval Operations, does not believe the average American understands the real meaning of sea power or the maritime nature of the United States.

He does think, however, that the various segments of the U.S. Navy, Marines and Coast Guard on the move — sustaining the national will and purpose in a classic manner — spell sea power to the average citizen.

**Addresses Propeller Club**

Addressing the Propeller Club of the United States in Washington, D.C., Nov. 21, Admiral Moorer declared: "This is not the case with me and I'm certain it's not the case with anyone sitting here today, nor with others who comprehend the real meaning of sea power."

He said he thought it was safe to say there was an "awareness gap" and that it applied directly to one of the vital elements of sea power—the merchant marine and the logistics support which it renders to our nation's force overseas.

Using as an example the U.S. merchant marine seafarer to SEA, the CNO termed it "fantastic," adding that 97 per cent of all ammunition, food supplies, and the guns of war are moved by sea over a 10,000-mile lifeline.

"Equally dramatic," he continued, "is the fact that it is our responsibility to provide approximately one ton of supplies per man per month for more than 500,000 U.S. and allied troops in Vietnam. Not only is the Navy responsible for carrying these cargoes safely through in face of whatever air or submarine threat an enemy might mount."

Admiral Moorer said he regretted that "the current seafarer saga is one largely known only to professionals and my guess is that the average person more than likely is under the impression that most of the job has been done by air transport."

Returning to the "awareness gap" theme, the Admiral wondered how many Americans—particularly young Americans—were aware of the maritime nature of the United States. He supplied the following facts on U.S. maritime stature:

1. One-half of the 50 states are on the sea.
2. Eighty per cent of our



**ADM. THOMAS H. MOORER**

states have direct access by water transportation to the sea by way of waterways such as the St. Lawrence Seaway and the Mississippi River and its tributaries. These states contain 96 per cent of the population of the United States.

3. Of the 150-odd countries in the world, we have land boundaries with only two — Canada and Mexico. Everyone else is overseas.

4. Five out of six countries of the world border on the sea. Two out of three of the world's major cities are on or open to the sea.

5. Ninety-five per cent of the people of the world live within 600 miles of the 20 fathom curve.

**Soviets Have Good Press**

Admiral Moorer said he was curious about "public awareness" of competitor capability. Referring to the Soviet Union, the CNO said "very frankly, the Soviets deserve a 'good press' in these regards."

He explained, "While it sits in the heart of the Eurasian land mass; has a long Arctic coastline, which is icebound most of the year and has no ice-free ports on the Atlantic or Pacific, this land-bound nation is embarked on a program which reveals a single awareness of the importance of sea power and an unmistakable resolve to become the most powerful maritime force in the world."

Obviously, he said, the Soviets demonstrate a thorough understanding of the basic el-

ements of sea power; knowledge of the seas, a strong Merchant marine, and a powerful navy.

"From a professional point of view," Admiral Moorer said "we know the Soviet Union today is already a major maritime power."

"Furthermore," he continued, "she will even enjoy a preeminent position on the world's oceans in the not-too-distant future if the present rate of growth of her maritime activities continues — as we expect it will."

"In 1950, the USSR had slightly more than 400 ships in her merchant marine — less than two million tons. Today the Soviet Fleet numbers more than 1,400 ships — over 10 million tons — and by 1980 this figure will be doubled."

Admiral Moorer believes "we would do well in revamping or renewing our efforts to tell the whole sea power story — to make Americans aware of their stake in the oceans around them."

## Youth Activities Cage Athletes Commence Play

The China Lake Youth Activities Basketball Leagues will commence their practice game schedule on Saturday, January 18, when the Junior Elementary League will play. The first game to be played at 11 a.m. will be between the Jets and the Sonics. The second game will be between the Chiefs and the Pipers.

Topping the Elementary games will be the Hawks and the Celtics at 1:30 p.m. while the Royals take on the Spartans at 3 p.m. and the Knicks play the Warriors at 4:30 p.m. In the evening play, the Junior League will see the 76ers take on the Trojans at 6 p.m. and the Lakers will meet the Bruins at 7:30 p.m.

All games in all leagues during the regular game schedule will be considered practice games only and Managers will be permitted as many "time-outs" as required in the Elementary Leagues. All boys in all leagues will be required to play in one full quarter of every game regardless of ability. Following the regular game schedule will be a tournament to determine the league champions.

## Burroughs Displays Award Winning Band



**AWARD-WINNING BAND** — The 60-piece Burroughs Varsity High School Band went to Palmdale to participate in their Holiday parade and took all the prizes. The group,

conducted by Music teacher, Earl Sherburn, won first prize for best band; first prize for best majorette team; and the sweepstakes trophy.



**DRUM MAJOR** — David Ritchie, Drum Major of the Band holds the coveted Sweepstakes trophy won by Burroughs.



**TOP MAJORETTES** — This group of high-stepping young ladies won first place in the high school division at Palmdale. From left to right, they are: Melissa Zamarron;

Debbie Craddock; Lauri Neil; Sue Even; and Sherry Jackson. Barbie Gallaher, kneeling, is the Head Majorette. Not present for the photograph was Susan Foster.



**ORIGINAL BURROUGHS HIGH SCHOOL BAND** — The 1946 Burroughs Band is shown here practicing behind the steam plant located at the rear of the Center plume. The Band Director at that time was Ken Westcott (arrow) who is now the principal of the school. Mrs. Dorothy Bergen was the musical director and some of the Early Timers might recognize Emmet Bush; Dave Hollis; Dick Breitenstein; Richley Smith;

Robert Smith; Bob Perdue; John Robinson; Bob Dobbs; Carl Shaw; Frank Breitenstein; James Pickins; Jack Godett; Claudi Ives; Patricia Tharp; Benita Williams; Mary Alice Reeves; Pat Mills; Gregory Comstock; Bert Anderson; Clifford Dennis; Bob Harris; Johnny Temple; Jim Simpson; Richard Jackson; Lellia Guthrie; and Ann McIlvain. A few of the original bandmen are still in the area.

## Musical Group Proudly Exhibits Winner Trophies

During the past year the Burroughs High School band was awarded the sweepstakes prize in the Palmdale Christmas Parade, as well as receiving first place awards for both the band and majorettes in the high school division. Other honors they have received this year have been first place awards in the Desert Empire Fair for both the band and majorettes, and fourth place out of eight bands at the San Bernardino Christmas Parade.

Much credit for the organization's recent success is due to Earl Sherburn, music teacher at Burroughs, who took over a 55 member group when he came to Burroughs in 1965. He brought with him a background in band as well as in choral music.

As a member of the University of Michigan band during his school years, he picked up techniques in tempos, formations, band dances and drum major's struts, and these have served him well at Burroughs.

A practice Sherburn has introduced at the school is conducting individual auditions for each musician selected for the band. This results in just the right number of each type instrument to produce good harmony. An imbalance can occur, for instance, if there are too many drums for the number of coronets. Strict discipline is required of all band members, and this is achieved through the merit point system.

Since Sherburn's arrival, the parents of the band members have organized a Band Booster's Club. Fund raising activities are held to provide funds for accessories to band uniforms, drum major and majorette uniforms, and to purchase the other colorful paraphernalia which adds so much to performances. Mrs. Ethel Ritchie is president of the group this year.

## Fund Available By Navy Relief

Most of the 960 Navy dependents using Navy Relief educational loans come from California. The state leads with 120 students, most of whom attend the University of California at Berkeley and San Diego State College.

One hundred six students call Florida their home state, with 28 of them at the University of Florida and 20 at Florida State. Other states include North Carolina, 94; Virginia, 91; Pennsylvania, 47; South Carolina, 45; Massachusetts, 30; Georgia and Maryland, 29 each; and New York and Tennessee, 27 each.

Sixteen applications still are being processed at Navy Relief Headquarters. The total amount loaned this year is expected to be \$674,518.

Applications for loans for the school year 1969-70 may be obtained from the Navy Relief Society Educational Fund, 1030 Munitions Building, Washington, D.C. 20360. Deadline is March 15.



**L'I ABNER AND MISS CANADA** — Peter Palmer and Aniko Farrell, dropped by one weekday evening along with the whole U.S. Naval Training Center Band. The two presented an outdoor concert for all residents of the Indian Wells Valley on the

15th of October. A reception was held in the East Wing of the All Faith chapel after the Schoeffel Field event. Miss Farrell is a former Miss Canada, and Peter Palmer did the original Broadway role of L'I Abner. Lt. King directed the 60-piece band.



**BLUEJACKET OF THE YEAR** — AQ1 Royal B. DeLand, 1968's Bluejacket of the Year, is shown being presented a commemorative plaque by Howell Sumrall, president of the Indian Wells Valley Council of the Navy League. The ceremony marked

the climax of the monthly award that is made by the Center to a deserving Bluejacket. DeLand was chosen from among seven finalists. The event was held at the annual Navy League banquet held at the Hideaway on October 26.



**25th JUBILEE** — On November 8, the Center marked the 25th Anniversary of its official establishment in the Indian Wells Valley. Early Timers from all over the country, as well as distinguished former members of the NWC team were on hand

for the event. Shown cutting the official cake are (l-r) Capt. L. A. Dewing, NAF Commanding Officer; Dr. T. S. Amlie, NWC Technical Director; RAdm. S. E. Burroughs (Ret.), first NWC Commanding Officer; and Capt. M. R. Etheridge, present NWC C. O.

# 1968 Finished With A Flourish



**CORONA COMMAND CHANGE** — With the retirement of Capt. R. L. Wessel (seated, left), Cdr. Roy E. Forbis took command of the Corona Laboratories on October 24. The benediction for this event was pronounced by the new Senior Chaplain at NWC, Capt. H. A. McNeill.



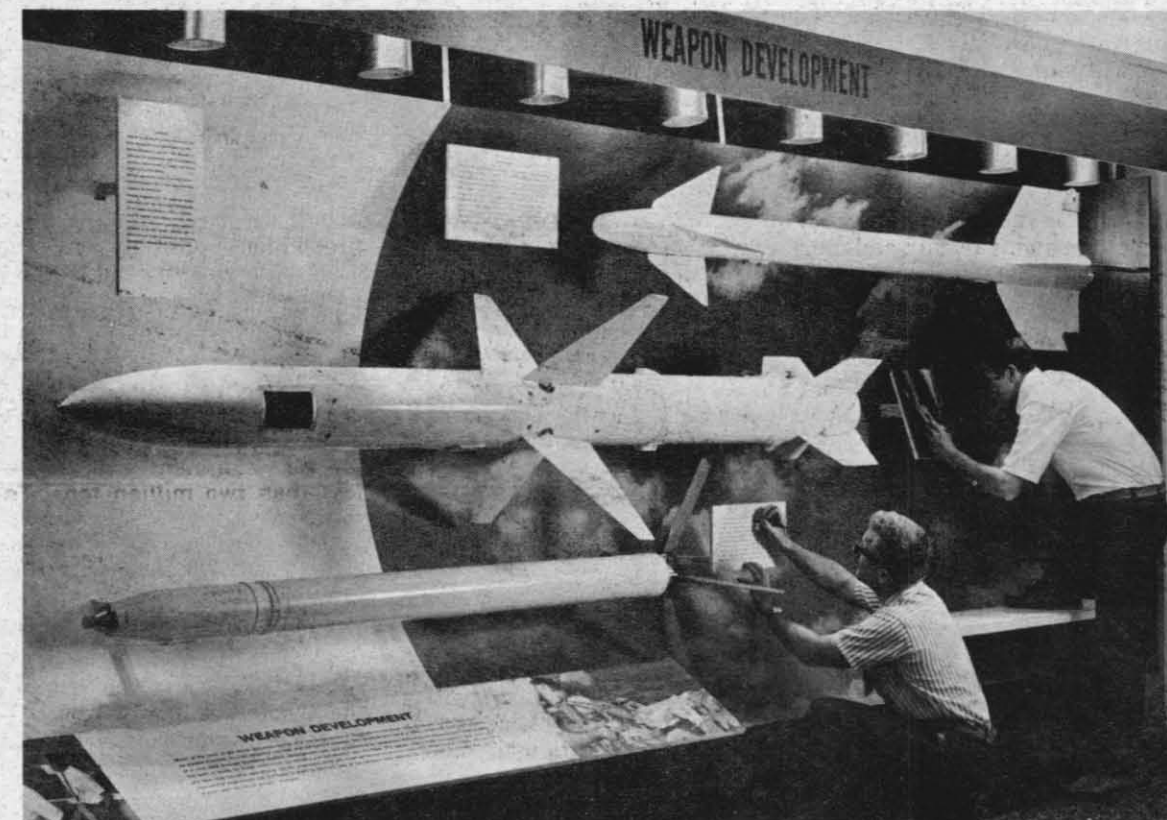
**CHRISTMAS CAROLS** — The yuletide season marked the end of a spectacular year at the Naval Weapons Center. At a special WACOM Brunch held December 10 at the COM, the 67-member Burroughs High School choir, directed by Earl Sherburne, sang the beautiful songs of the season.

# 1968 A.D. - The Year That Was!



**FIREPOWER SHOW** — 1968 started off with a bang on January 25 as pilots from NAF and VX-5 put on a firepower demonstration that was viewed by over 600 people. The

well-coordinated event was engineered by Cdr. Bryson Van Gundy, NAF Operations Officer and USAF Major James O'Brien, VX-5 Operations Officer.



**FACELIFT** — The Main Lobby of Michelson Lab was redecorated and many of the exhibits were updated in January. Above,

finishing touches are applied to one of the exhibits by Dick Johnsen and Jack Durk (l) of the Presentations Division of TID.



**MASTER CHIEF WELCOMED** — The NWC Chiefs held their 13th annual Military Ball in 1968. Simultaneously, Captain M. R. Etheridge, NWC Commander, welcomed Master Chief of the Navy, Delbert D. Black, who also was the special guest of honor at the event. The gala gathering, held February 24 at the Chiefs club was indeed one of the social highlights of the new year. The Chiefs also welcomed back many of the retired Navy Chiefs who are working or living in the local area. The top enlisted men and their wives also played host to many of the station's officer personnel at the gathering. Chief and Mrs. E. I. Jones are also shown.



**NEW TECHNICAL DIRECTOR** — On March 7, 1968, Capt. M. R. Etheridge named Dr. Thomas S. Amlie to replace Dr. W. B. McLean as Technical Director of the Naval Weapons Center. Dr. Amlie was formerly Head, Development Division IV, Aviation Ordnance Department. Dr. Amlie and his wife, June, have three children: Tommy, 6; Laura, 9; and Marcie, 10. He has resided at China Lake since 1954. One of Dr. Amlie's first tasks at the Center was to work on the original Side-winder project.



**CINCPACFLT VISIT** — Admiral Ulysses S. Grant Sharp, Commander-in-Chief Pacific, visited the Center on March 11 for a conference with Capt. M. R. Etheridge and the NWC staff. He is shown above being welcomed aboard at NAF.



**DEPARTED FOR VIETNAM** — Capt. and Mrs. Robert E. Moore were presented with a Philippine mahogany plaque engraved with a replica of the Naval Weapons Center seal by Capt. M. R. Etheridge. Capt. F. R. Walsh, present Technical Officer observed the presentation. Capt. Moore served as NWC Technical Officer and was reassigned in March to the U.S. Military Assistance Command, Joint Chiefs, Operations and Plans Officer.

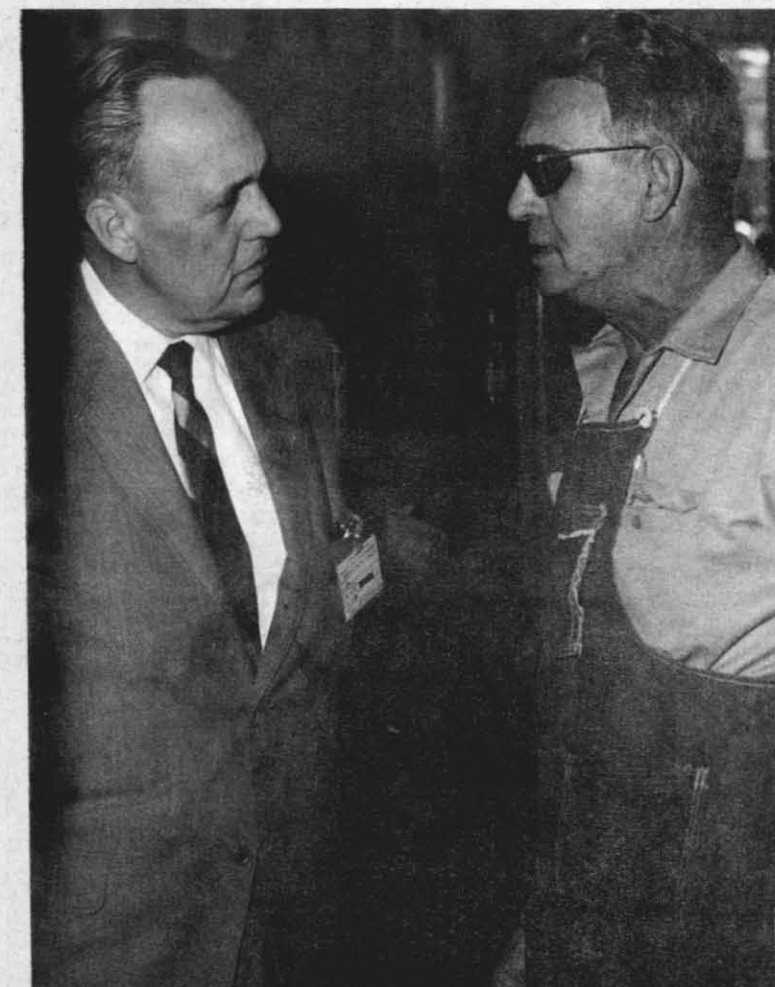


**THE BLUE ANGELS** — Approximately 2,500 spectators viewed the precision flying of the Navy's Flight Demonstration Team held at the Naval Air Facility on March 21.

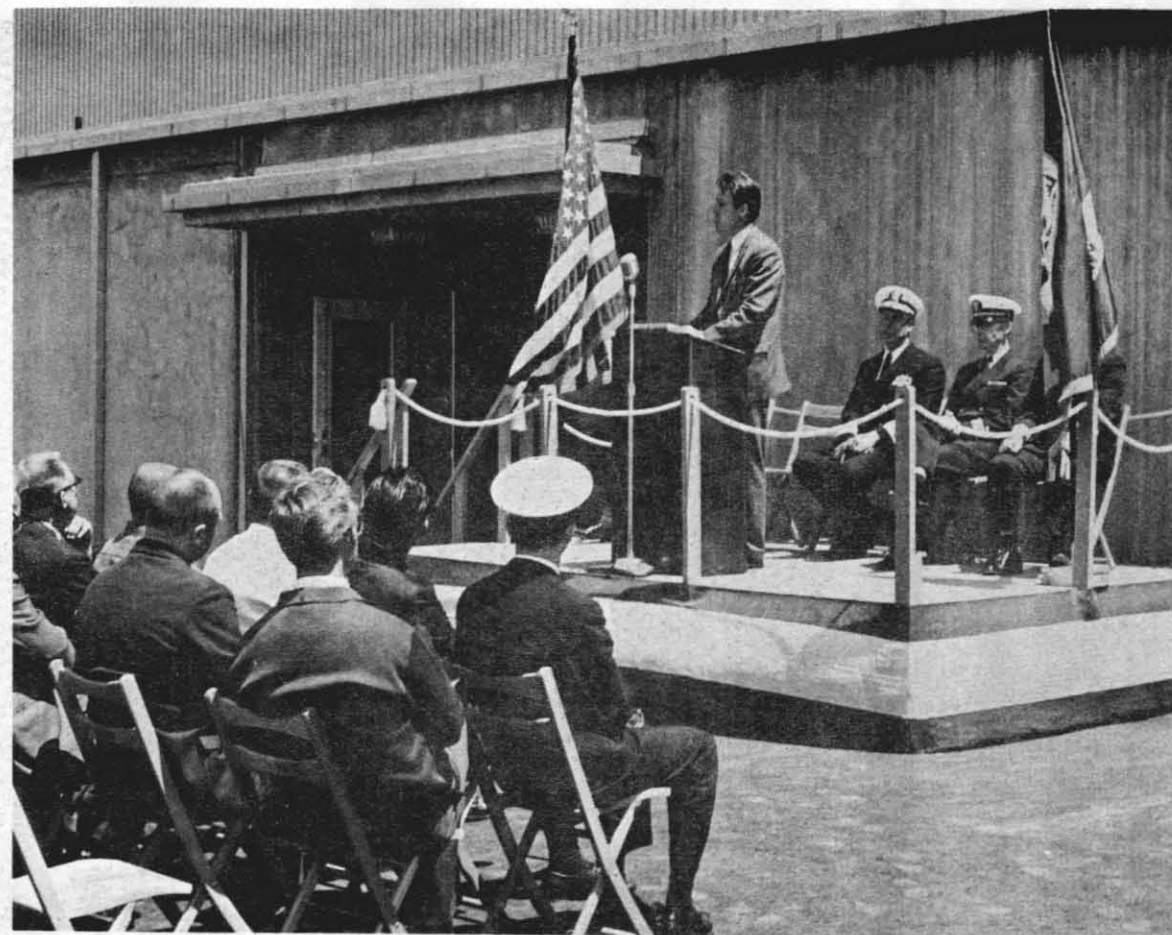
# More of 1968



**DR. McLEAN DEPARTED** — A Farewell party was held at the Officers' Club for Dr. and Mrs. McLean on Friday, January 26. A silver tray was presented to the couple by Capt. M. R. Etheridge, which LaV is shown admiring. Dr. McLean left the Center to become Technical Director of the Naval Undersea Warfare Center at San Diego. He had been Technical Director of NWC since 1954.



**MANPOWER CHIEF VISITS, LISTENS** — Robert H. Wiley, Director of Civilian Manpower Management for the Navy, listens to Joe Lechner (r), president of the IWV Metal Trades Council, on his April visit from Washington.



**DEDICATION CEREMONIES** — The Hon. John V. Tunney, 38th District Congressman, made the dedication speech at the new Fuze Model Range Facility at the Corona Laboratories in May. The ceremony

included remarks from the Resident Officer-in-Charge-of-Construction, LCDr. C. E. Christensen; Capt. R. L. Wessel, Commanding Officer; Dr. F. S. Atchison, Technical Director, and Cdr. R. E. Forbis.



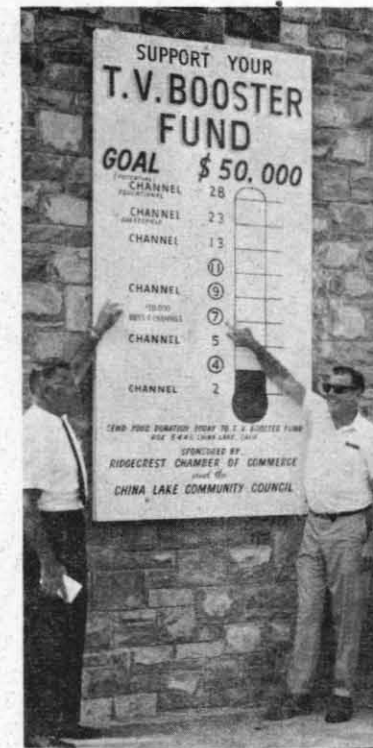
**UNDER SECRETARY OF THE NAVY VISITED** — Dr. T. S. Amlie (l), Naval Weapons Center Technical Director and Capt. M. R. Etheridge (c), NWC Commander, greeted the Honorable Charles F. Baird, Under

Secretary of the Navy, during his morning arrival at the Naval Air Facility. Captain Etheridge briefed the Undersecretary on NWC development programs and future programs and plans.



**ARMED FORCES DAY CELEBRATION** — On Saturday, May 18, a crowd estimated at over 6,000 was on hand to witness a firepower demonstration and many other events especially

prepared for public viewing. Exhibits, films, and other presentations were presented to the enthusiastic crowd. Above is a scene at the Naval Air Facility.



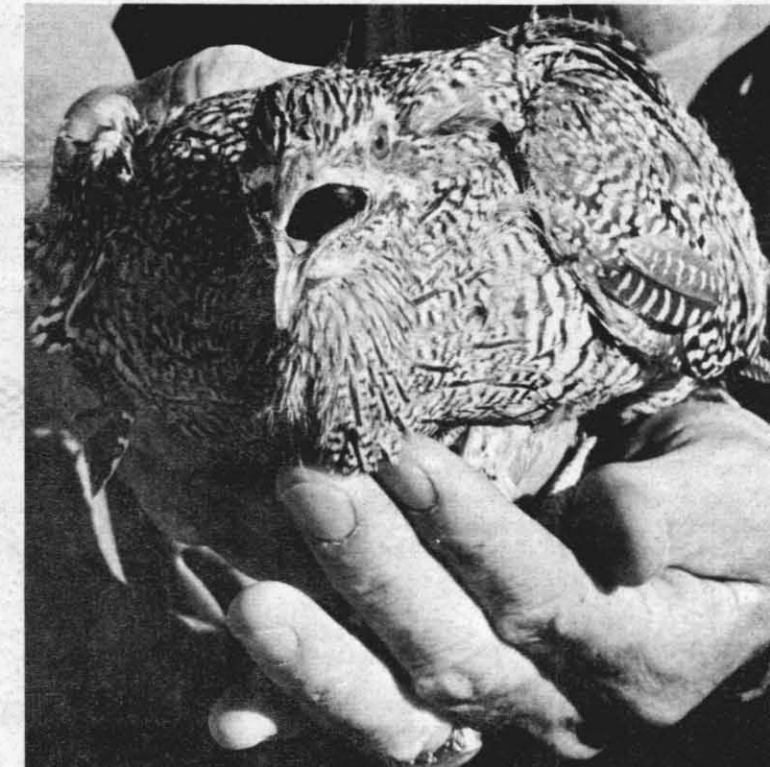
**THERMOMETER ROSE** — Ready to raise the temperature of the TV Booster Fund thermometer at the Center Theater were Warren Stelzmler, (l), treasurer of the Fund, and Gabe Imer, Special Services Director. Equipment was bought during the year to translate most of the TV channels in the area.



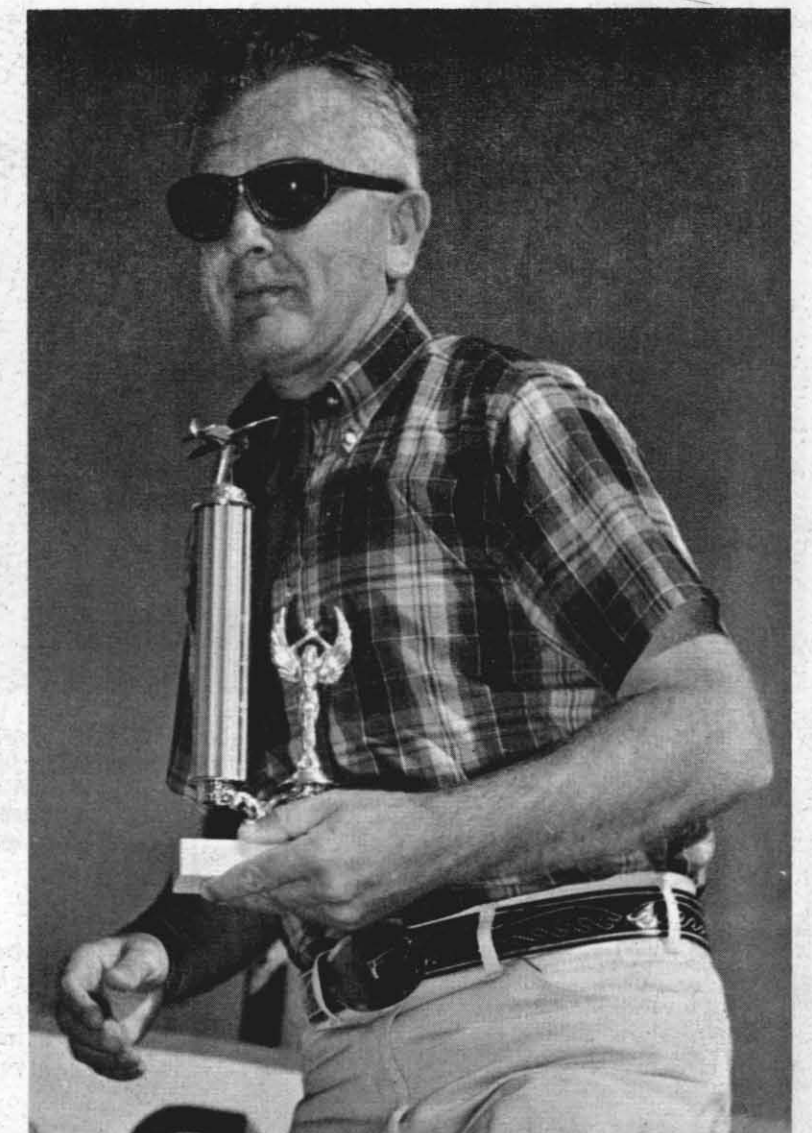
**NEW QUARTERS PLANTED** — Dr. Pierre St. Amand, Head of Code 60's Earth and Planetary Sciences Div. turns over the first earth on the side of the new laboratory-office building for the Joint Environmental Research Unit. The structure is to be completed soon, and will house about 100 people. Joining in the ceremony that took place in May, are (l-r) H. G. Wilson, Associate Technical Director; Capt. K. C. Abplanalp, Public Works Officer; Capt. Robert Williamson II, NWC Executive Officer; Air Force Maj. Ron Liningier; and Cdr. M. C. Jack, Division Military Assistant. The building will be adjacent to the new Warhead Building near Pole Line and Water Rds.



**PAGEANT QUEEN** — Marjie Brady, a sparkling blue-eyed, 17-year-old Burroughs High School junior, swept the field of 11 comely candidates to win the title of Miss Ridgcrest-China Lake in the pageant that climaxed Armed Forces Day.



**EXOTIC GAMEBIRDS PLANTED** — Tinamous (above) and seese partridge birds were planted on the ranges of the Center as part of an experimental program by the California Department of Fish and Game. The two exotic varieties of gamebird, released in July, are said to be doing well in their new environment.



**NEW NAF SKIPPER** — Captain L. A. Dewing relieved Capt. Rodney F. Schall as skipper of the Naval Air Facility on September 10. One of his first official acts as the new Commanding Officer was to accept a trophy from officials of the Desert Empire Fair for NAF's firepower demonstration team which preceded the Fair parade.



**NEW VX-5 SKIPPER** — Capt. Charles W. Fritz became the new Commanding Officer of AirDevRon 5, relieving Capt. W. B. Muncie on October 18, during ceremonies held at Hangar One. The event was attended by RAdm. S. R. Brown, COMFAIRALAMEDA; and RAdm. F. L. Pinney, Jr., COMOPTEVFOR. A reception followed at the COM.



**ANNUAL LUAU** — Over 370 members and their wives of the Commissioned Officers' Mess enjoyed the annual Luau held July 26. Hawaiian music by Max Reid's Coral Islander group, and native dances by beautiful barefoot girls cre-

ated a most authentic South Sea Island atmosphere. A mouth watering menu featured fresh pineapple, assorted fresh fruits, rice with coconut, butterfly shrimp, chicken and fried fish.