



WACOM FASHION SHOW - The world of feminine fashion - the long and short of it as portrayed by (l-r) Judi Cook and Doris Valitchka - will be keyed to the theme "When in Rome" at WACOM's luncheon and fashion show on Tuesday, October 20, at the COM. Reservations may be made by calling Barbara Schell at 446-3737.

-Photo by PHAN Ronald G. Mills

SHOWBOAT

MOVIE RATINGS FOR PARENTS AND YOUNG PEOPLE

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

G ALL AGES ADMITTED
General Audiences

GP ALL AGES ADMITTED
Parental Guidance Suggested

R RESTRICTED
Under 17 requires accompanying Parent or Adult Guardian

X NO ONE UNDER 17 ADMITTED
(Age limit may vary in certain areas)

ALL THESE RATED MOVIES ARE PART OF THE MOTION PICTURE CODE OF SELF-REGULATION

FRIDAY 16 OCTOBER

"THE LANDLORD" (108 Min)
Beau Bridges, Pearl Bailey

7:30 p.m.
(Comedy) A salty satire of race relations with rich Beau buying a tenement in a black ghetto and getting into unenviable involvements until Pearl takes him under her wing. (R)

Short: "Hasty But Tasty" (7 Min)

SATURDAY 17 OCTOBER

"MATINEE" - "THE TROUBLE WITH ANGELS" (112 Min)
Rosalind Russell

1:00 p.m.
Shorts: "Fee Fie Foes" (7 Min)

-EVENING- "KILL A DRAGON" (91 Min)
Jack Palance, Aldo Ray

7:30 p.m.
(Adventure) Action and intrigue in eerie Hong Kong as island natives salvage high explosives and refuse to surrender them to racketeers. Jack helps the Tong defend themselves - for a price. (ADULT)

Short: "Golden Tomorrow" (17 Min)

SUN and MON 18-19 OCTOBER

"THE MOONSHINE WAR" (108 Min)
Richard Widmark, Alan Alda

7:30 p.m.
(Comedy-Drama) This action drama is set in the southern hills' moonshine country near the end of the Prohibition Era as Alan is "squeezed" by a syndicate agent and a gangster bootlegger, both of whom want his huge booze supply. Hillbilly fun. (GP)

Shorts: "Road To Andalay" (7 Min)
"The Lemmings" (9 Min)

TUES and WED 20-21 OCTOBER

"PAINT YOUR WAGON" (133 Min)
Lee Marvin, Clint Eastwood

7:30 p.m.
(Musical-Western) Hard-drinking miner, Lee, buys a wife from a Mormon but ends up sharing her with partner Clint as the Gold Rush boomtown turns into Sin City - until the final day of reckoning. (GP)

THURS and FRI 22-23 OCTOBER

"THEY CALL ME MISTER TIBBS!" (108 Min)
Sidney Poitier, Martin Landau

7:30 p.m.
(Crime Drama) Police Detective Tibbs gets torn between his close friendship with a preacher and his devotion to duty as the friend is accused of murder. (GP)

Short: "Pinto Pink" (7 Min)

Tour of Studios On Agenda For NWC Enlisted Men

A tour to Universal Studios, in Hollywood, was suggested for enlisted men, particularly those single men who reside in the barracks at NWC, by the Recreation Committee at a recent meeting. Marineland was the second choice proposed by the Committee, who set November 14 as the tentative date for the first tour.

It is hoped that these tours will be well attended and will fulfill the needs of enlisted personnel at NWC, which is one of the principal functions of the Committee.



NAVY NIGHT AT DISNEYLAND - The unearthly and frightening scene witnessed by the custodian of the cemetery behind Disneyland's Haunted Mansion is one of the many entertainments available to Navy personnel and their guests during Navy Night at Disneyland, Saturday, October 24. Tickets, which include transportation, are available for \$3.25 at the Community Center. For further information, contact Ann Seitz at the Community Center, NWC Ext. 2010. -Photo by Walt Disney Productions

Firemen Take Active Role In Recent Brush Fires

Four firemen and the Triple Combination Pumper fire truck from the Naval Weapons Center Corona Annex took part in the recent brush fire that ravaged San Diego County. The participation was part of the Mutual Aid Program in which fire fighting units in Riverside County respond to calls for help in large conflagrations. The Riverside County task force was scheduled to aid San Diego County. Firefighters A. L. Frenier, and T. J. Spencer, left the Corona Annex on September 27 with the fire truck from Engine Company No. 2. They joined up with a local task force of other units at Perris and proceeded to El Cajon where they were assigned specific areas. At 6 a.m., on September 28, firefighters J. Romero, Jr. and F. H. Pettitt were dispatched in the Chief's pickup from Corona to San Diego to relieve Spencer and Frenier. They met the NWCCA firemen at 9 a.m. and took over the truck. The other two men returned. "Community-wide cooperation of this sort is certainly commendable," commented Cdr. C. D. Brown, "and we are well pleased with the performance of our men." Reports by the firemen are fascinating reading, for example: "A truck from Anaheim, stationed at a home just below, drafted water from a swimming pool and supplied us with water with a 2 1/2" hose. We pumped probably 2000 gallons. . . . When this area was safe we proceeded to a side road, under orders of a Fire Captain from Redlands. Fire was jumping a road and threatening homes in that area. . . . Refilled tank and were sent to another home for stand-by protection. . . . At about 2330 Task Force regrouped and went to Command Headquarters at Hill Crest School in El Cajon. . . . At 0530 gassed the truck and were assigned to stand-by protection at Flinn Springs County Park. . . ."

Activities the second day were much the same. Attacking hot spots, protecting dwellings, refilling the pump tank, laying hose lines to protect homes, back-firing, moving on to other threatened areas. At 8 p.m. on Sept. 28, the entire Riverside task force was relieved and proceeded in convoy back to Monte Vista State Forestry Command Headquarters. After spending the night at that activity, the firemen left El Cajon in convoy and arrived back at Corona on the 29th of September.



From _____

TO _____

PLACE STAMP HERE

Highlights Of Capt. Etheridge's Tour At NWC (pages 4 and 5)



NWC Change Of Command Event Set For Thursday, October 22nd

Capt. Etheridge To Retire After 28 years Service

On Thursday, October 22, at 10:30 a.m., on the Administration Circle, Captain Melvin R. Etheridge, USN, will be relieved by Rear Admiral William J. Moran, USN, as Commander, Naval Weapons Center.

The ceremony will be both a change of command and a retirement ceremony for Capt. Etheridge, who relieved Capt. G. H. Lowe as Commander, NWC, in September, 1967. At the event, Capt. Etheridge will complete a Naval career which began in 1939 when he entered the U.S. Naval Academy. His career has included a tour as Commanding Officer of the USS Wasp, and also the USS Caliente. In addition, he was the Executive Officer and Operations Officer on the USS Independence.

Other highlights of Capt. Etheridge's career include assignments as Operational Planning Officer, Joint Chiefs of Staff, from 1962 to 1964; and as a member of the Staff, COMNAVAIRLANT, from 1952 to 1954.

Capt. Etheridge holds a Master's Degree in Bioradiology from the University of California and has attended the U.S. National War College (1965-1966) and the U.S. Naval Postgraduate School (1949-1952).

Third Tour

When RAdm. Moran assumes command of NWC, he will begin his third tour of duty here. He reports from the Office of Chief of Naval Operations where he has been Director of the Navy Space Program Division since November 1968.

RAdm. Moran began his long and varied Naval career in February 1941 and completed flight training in December of that year. Following World War II he completed his education at the University of Nevada and returned to active duty in 1946.

His career has included a tour on (Continued on Page 3)



Retiring COMNWC

Capt. M. R. Etheridge, USN

Newly - Assigned COMNWC

RAdm. W. J. Moran, USN



VX-5 Command Change Oct. 23

By John Scott

Capt. Carl "Tex" Birdwell, Jr., will become the Commanding Officer of Air Test and Evaluation Squadron Five in Change of Command ceremonies to be held outside Hangar 1 at 10:30 a.m. October 23.

Capt. Birdwell relieves Capt. Charles W. Fritz, who has served as the squadron's Commanding Officer since October, 1968, and who will receive the Meritorious Service Medal at the ceremonies for his work at VX-5.

The 13th Commanding Officer in the squadron's 19-year history, Capt. Birdwell brings to China

Lake an outstanding record in combat and experimental aviation.

The 42-year-old winner of the Silver Star and four Distinguished Flying Crosses enlisted in the Navy in 1945 under the V-5 Aviation Cadet Program after attending Tarleton State College and Texas A & M University.

He was commissioned and earned his wings in 1948 and was assigned to a four-year tour in the Pacific before returning to the States to complete his education at the Naval Postgraduate School and the California Institute of Technology.

Pacific cruises aboard the USS

Bon Homme Richard and the USS Lexington during the Quemoy-Matsu Island crises in the late 1950's and again aboard the USS Hancock off Vietnam highlight Capt. Birdwell's Fleet experience.

It was Capt. Birdwell, then Executive Officer of Attack Squadron 216 (VA-216), who led the first retaliatory strike on Dong Hoi, North Vietnam, on February 7, 1965. He later took command of the Black Diamonds and completed his tour with 177 combat missions.

Capt. Birdwell's credentials as an experimental pilot and instructor (Continued on Page 7)

Invitation To Change Of Command

RADM W. J. Moran will relieve me as Center Commander Thursday 22 October 1970. The ceremony will begin at 1030 hours on the Administration Circle and will be followed immediately by a reception at the Community Center. The event will be covered by radio, television and newspaper representatives. Guest speaker will be Vice Admiral W. F. Bringle, COMNAVAIRPAC and the NAVAIRPAC will provide music.

I am retiring from the Navy after 28 years of service and would like to invite all personnel and their families to attend both the ceremony and the reception. The invitation includes civilian and military (officer and enlisted) personnel from all Commands. I would appreciate supervisors reminding their employees and extending administrative leave where appropriate.

M. R. ETHERIDGE
Captain, USN
Commander, Naval Weapons Center



SWIM AND STAY FIT — Pat Bersie, local Red Cross Water Safety Chairman, left, congratulates three swimmers who recently received Red Cross awards for participation in the Red Cross Swim and Stay Fit Program. They are (front to rear, right) Merle Dalton, 67, who has completed 300 miles since late 1966. She usually swims between 1 and 1-1/2 miles per week; Mertina Camphausen, who has also completed 300 miles of swimming, since October 1969. She swims from 2 to 2-1/2 miles each day; and Oscar Perkins, who has used his lunch hours since March of this year to swim and has recently completed 50 miles. Perkins normally swims a half-mile per day.



CFC COMMITTEE MEETS — During the Combined Federal Campaign's kick-off meeting last week, l-r, Jesse Bell, CFC chairman; Jim McGlothlin, CFC coordinator; and Frank Mac Donald, CFC publicity chairman; wished each other success in reaching the goal of \$70,000 with 100 per cent participation in the 1970-71 campaign. Keymen will be contacting each employee during the one month campaign. —Photo by PHAN Ronald Gray Mills

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The Rocketeer

Official Weekly Publication
U. S. Naval Weapons Center
China Lake, California
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NWC Commander

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Staff Photographers

DEADLINES:

News Stories — **Tuesday**, 4:30 p.m.
Photographs — **Tuesday**, 11:30 a.m.

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DIVINE SERVICES

Protestant (All-Faith Chapel)—
Morning Worship—10:00 a.m.
Sunday School—8:30 a.m., Chapel Annexes 1, 2, 4 (Dorms 5, 6, 8) located opposite Center Restaurant.
Thursday—Service at 5:00 p.m. (Organ Prelude at 4:45 p.m.)

Roman Catholic (All-Faith Chapel)—
Holy Mass—7, 8:30 and 11:15 a.m. Sunday.

Daily Mass—11:30 a.m. in Blessed Sacrament Chapel, Saturday, 8:30 a.m.

Confessions—7 to 8 p.m. Saturday, and 8 to 8:25 a.m. Sunday.

NWC Jewish Services (East Wing All-Faith Chapel)—8 p.m. every first and third Friday.

Sabbath School—10 a.m. to noon, every first and third Saturday.

Unitarian Fellowship—(Chapel Annex 95, King Ave.)—Sundays, 7:30 p.m.

PROMOTIONAL OPPORTUNITIES

Employees are encouraged to apply for the positions listed below. Current applications (SF-171) or Standard Form 58 bringing your work history up-to-date should be forwarded as described below. The fact that positions are advertised here does not preclude the use of other means to fill these positions. Part of the ranking process of those rated as basically qualified will be a supervisory appraisal form that will be sent to the employees present and most recent previous supervisor. Selection shall be made without discrimination for any non-merit reason and without favoritism based on personal relationships or patronage.

Inspector (Household Goods Shipments), WX46022-45, Code 25982—Inspects for proper packaging and preservation, crating, shoring and blocking and bracing either on material received in order to determine that shippers have met specifications, or on material to be shipped to insure that items are properly prepared for shipment. Minimum Qualification Requirements: Rating will be on the basis of existing J-element standards in accordance with CSC X-118.

File applications for above with Naomi Campbell, Bldg. 34, Rm 206, Ext. 3118.

Clerk-DMT, GS-3 or 4, PD No. 7040100, Code 4011—Incumbent is clerk for Human Factors Branch, Technical Services Division, Weapons Development Department. Will also provide clerical support for Advanced Design Branch, Code 4094. Duties include typing reports, correspondence, memoranda, etc., some of which is of a highly technical nature. Maintains files, receives visitors and calls, distributes mail, makes appointments, arranges travel, and other duties as assigned. Minimum Qualification Requirements: One year general experience for GS-3 and one and one-half years general and six months specialized for GS-4 in accordance with X-118. Advancement Potential: GS-3 may be promoted to GS-4. Job Relevant Criteria and/or Selective Placement Criteria: Experience in technical reports and correspondence is desired.

File applications for above with June Chipp, Bldg. 34, Rm. 204, Phone 2674.

General Engineer, GS-801-12 or -13, 1 Vacancy, PD No. 3799-1, Code 5072—This position is located in the Mechanical Design & Technical Data Branch, Engineering Division, Fuze Department, NWC, China Lake. The incumbent will act as a Consultant to the Branch with an emphasis on special test facilities and equipment. Minimum Qualification Requirements: Three years experience, at least 1 year of the required experience must have been at a level of difficulty comparable to that of the next lower grade in accordance with X-118. Job Relevant Criteria: The incumbent must be a qualified general engineer with extensive experience in mechanical, electrical, electronic and product engineering.

File applications for the above with Linda Grossman, Bldg 34, Rm 204, X-2925-2672.

Clerk-Typist, GS-322-03 or 04, 1 Vacancy, PD No. 4419, Code 501—Types memorandum, reports, manuscripts, letters of technical nature, procurement actions, etc., from handwritten drafts and verbal instructions; arranges travel; maintains time cards; maintains a variety of files; receives visitors and telephone calls. Minimum Qualification Requirements: GS-03 level. Progressively responsible experience which includes, as a significant part of the work, the performance of typing. GS-04 level—Two years of the same.

Clerk (Typing), GS-301-03 or 04, 1 Vacancy, PD No. 1723Am1, Code 9411—The position, located in the Internal Security Branch of the Security Department, includes 75 percent interviewing and 25 percent typing. Incumbent is responsible for the completion of various security forms. In doing this, the incumbent has to make concise statements to all questions asked and evaluate the individual as well as the information submitted. Minimum Qualification Requirements: GS-03 level. One year general experience. GS-04 level—One and 1/2 years general experience and six months specialized experience. Advancement Potential: GS-03 may be promoted to GS-04.

File applications for the above with Linda Grossman, Bldg 34, Rm 204, X-2925-2676.

Policeman, GS-083-03-04-05, PD No. 884015-4, PD No. 884016-3, PD No. 284011-32, 1 Vacancy, Code 843—The incumbents of these positions will be under the supervision of the Head, Police Division and/or the Sergeant of the Watch. The duties of these positions are: to enforce county, state and federal laws as well as Center regulations; to conduct initial investigations; to make arrests when necessary; to attend court when required; to preserve, protect and gather evidence of crime scenes; to prepare written reports of activities. The incumbent must be able to operate a police patrol vehicle. The incumbent is required to carry firearms and to be proficient in the use of a .38 caliber revolver. Annual qualifying marksmanship is mandatory. Minimum Qualification Requirements: GS-3—One year of acceptable experience which clearly demonstrates that the candidate possesses knowledge of general law enforcement methods and techniques that could be applied in performing police functions. This experience must have included protecting property, equipment or materials; and person-to-person relationships in enforcing various rules and regulations. GS-4—Two years of experience which has given the candidate a broad knowledge of police operations, prac-

tices, and techniques. The experience must have included making arrests, protecting life and property, maintaining law and order, investigating accidents, preventing crime and preserving the peace. GS-5—Three years of experience which has given the candidate a broad knowledge of police operations, practices, and techniques. The experience must have included making arrests, protecting life and property, maintaining law and order, investigating accidents, preventing crime, and preserving the peace.

File applications for the above with Linda Grossman, Bldg. 34, Rm 204, X-2925-2676.

Clerk-Typist, GS-322-3 or 4, PD No. 7030111, Code 3041—This position is located in the Photophysics Branch of the Systems Development Department. Duties consist of the preparation of official correspondence, technical papers and reports, procurement actions, personnel actions, timekeeping, travel arrangements, and maintenance of branch files. Minimum Qualification Requirements: A. One year of appropriate experience or, B. Education and/or experience as allowable in X-118 for Series GS-322.

File applications with Beverly Saiger, Code 657, Bldg. 34, Room 212, Phone 2514.

Librarian (Physical Science & Engineering), GS-1410-9, PD No. 29025Am1, Code 7531—Position is located in the Reference & Circulation Branch of Technical Information Department. The position is that of a Reference Librarian, responsibility for utilizing all sources available and who may be called upon to evaluate and use sources not ordinarily considered to relate directly to the field involved. This reference work involves the servicing of engineers and scientists in highly specialized fields. Minimum Qualification Requirements: Completion of master's degree or 2 full academic years of graduate study in library science, in an accredited college or university, 6 months of the required experience must have been at the level of difficulty comparable to that of the next lower grade, or 1 year comparable to the second lower grade in Federal service, as stated in X-118. Job Relevant Criteria: Work experience in a Technical Library is highly desirable. Advancement Potential: Has promotion potential to GS-11 level.

File applications for above with Mary Morrison, Bldg. 34, Rm 210 Phone 2032.

Clerk (Typing), GS-301-4, PD No 075021, Code 7504—This position is in the Distribution Staff Office of Technical Information Department. Incumbent of this position handles requests for distribution of Center and administrative publications. Also provides general clerical services, typing reports, letters and other material. Minimum Qualification Requirements: A. One year of appropriate experience or, B. Education and/or experience as allowable in X-118, for Series GS-301.

File applications for above with Mary Morrison, Bldg. 34, Rm 210 Phone 2032.

Clerk-Typist PD No. 855083 GS-322-4, Code 5554—Edits, types and distributes finished correspondence and other written material originated by the Branch, specifications, purchase descriptions and related documents, including Configuration Management reports. Screens visitors and incoming telephone calls, arranges meetings for Branch members, prepares travel orders, visit requests, stub requisitions, and shipment requests. Maintains Branch files, receives & distributes mail. Minimum Qualification Requirements: 2 years of appropriate experience as outlined in X-118 (CSC Handbook).

Assistant Meat Cutter WGT4007-05 Code 28 (2 vacancies)—Assists Meat Cutter by performing tasks in cutting and trimming meat; fish or fowl. As directed, makes cuts at

specified locations on carcass, bones, meat and cuts into specified shapes. Uses hand tools and power equipment. Cleans equipment, shop and refrigeration spaces. Waits on customers. Qualification Requirements: Rating will be on basis of the appropriate J-Element standards in accordance with CSC Handbook X-118C. Advancement Potential: Meat Cutter, WG-74007-08.

Clerk-Typist GS-322-3 and 4 PD No.'s 7055017 and 6955141-1 Code 5500 (WAE) (2 vac.)—These positions are in the WAE Pool directed and administratively supervised out of the Engineering Department Office. These positions are intermittent and provide typing and clerical support to the divisions and branches as needed. Duties involve typing, receptionist duties, filing and handling mail.

Minimum Qualification Requirement: As outlined in CSC Handbook X-118, 1 year appropriate experience for GS-3, 2 years for GS-4. Job Relevant Criteria: Accurate typing, thorough knowledge of English (Grammar & spelling), personal initiative, mature judgment, loyalty and discretion are required in handling the work in these positions. 40 hr week availability desired.

File applications for above with Joan Macintosh, Personnel Bldg. Rm 212, ext. 2071.

Clerk-Typist, GS-322-3 or 4, PD No. 7030121, Code 3021 and 3022—Incumbent provides general clerical services for the Range Engineering Branch and the Project Engineering Branch. Duties include typing reports, letters and miscellaneous other material, filing, preparing forms for personnel actions, travel, material requisitions, shipping and other purposes, and serving as a receptionist for both branches. This office is approximately four miles north of the Administration Building. Minimum Qualification Requirements: A. One year of appropriate experience or, B. Education and/or experience as allowable in X-118, for Series GS-322.

File above applications with Beverly Saiger, Bldg. 34, Room 212, Ext. 2514.

Clerk DMT, GS-316-3 or 4, PD No. 145089, Code 4535—Serves as secretary to the Analysis Branch. Receives visitors, answers phone calls, schedules appointments, responsible for all forms of correspondence, processes mail and maintains filing system. Qualification Requirements: For GS-3 - 1 year of appropriate experience. For GS-4 - 2 years of appropriate experience as defined in CSC Handbook X-118. Job Relevant Criteria: Experience in the secretarial, clerk (DMT) or stenographic field desirable.

File above applications with Pat Gaunt, Bldg. 34 Room 202 Phone 2723.

Museum To Offer Guided Tour To Petroglyphs

The public is invited to join a guided trip to the Little Petroglyph Canyon area this Saturday as guests of the Maturango Museum. Ken Pringle, museum trustee and amateur naturalist, will lead the tour.

Those who wish to join the caravan should assemble at the Museum parking lot near Switzer Circle at 9 a.m. Lunches and water will be needed.

Parade Planned NWC Navy Day Celebration Set

Navy Day, Tuesday, October 27, will be celebrated at the Naval Weapons Center with a flyover of NAF and VX-5 aircraft; a parade on Blandy Street of personnel of the Naval Weapons Center; a band concert; and displays at Schoeffel Field of aircraft and other exhibits.

The parade will begin at 11 a.m. and will consist of more than 500 persons, including two bands. The parade route will be East on Blandy Street, beginning at Switzer Circle and ending at the Commissioned Officer's Circle.

During the parade, pilots of NAF and VX-5 will perform a flyover along the parade route from 11:30 a.m. until 12:10 p.m.

Schoeffel Field will be the scene of many interesting events during the celebration. Aircraft static displays and Navy exhibits will be available to visitors from 10 a.m. until 2 p.m. on Navy Day. In addition, the COMNAVAIRPAC Band will present a band concert starting at 12:10 p.m.

As part of the Center's participation in Navy Day, a Miss Navy Day-China Lake will be selected at 12:30 p.m. at Schoeffel Field.

Persons who contribute to the Indian Wells Valley United Fund and to the Navy Relief will be eligible to receive a Honda Motosport 100 motorcycle; a pedal bicycle, or a \$25 savings bond, all to be presented at Schoeffel Field at approximately 12:45 p.m.

Refreshments will be available. The general public is invited and special event passes will be issued by the Naval Weapons Center gate guards, commencing at 10 a.m. The general public is asked to depart the Center at 2 p.m.

Administrative leave will be granted all NWC employees between 11 a.m. and 1:30 p.m. to observe the festivities.

In addition, pupils of the China Lake Elementary School District will attend the event as a special field trip. Purpose of the field trip is to further the children's understanding of the ideals and historical prestige associated with



SIGNING OF PROCLAMATION—Capt. M. R. Etheridge, COMNWC, I, Mayor Kenneth M. Smith, of Ridgecrest, Ca, and Francis Carlisle, president of the Indian Wells Valley Council of the Navy League, display the proclamation proclaiming October 27 as Navy Day at NWC. The day will be celebrated on the Center with displays at Schoeffel Field, a parade by personnel of NWC, and a flyover by pilots of NAF and VX-5. For more information regarding Navy Day, see the story located elsewhere in this issue of THE ROCKETEER.

VX-5 Change of Command...

(Continued from Page 1) Officer of VA-122 and in 1968 was assigned to the Naval Air Systems Command Headquarters in Washington, D.C. There he became Deputy of the A-7 Project and directed the procurement and Fleet introduction of the A-7E, the improved avionics version of the Corsair, now a mainstay of VX-5 test and evaluation projects.

After the command change is completed, VX-5's present skipper, Capt. Fritz, is scheduled to report to the Office of the Chief of Naval Operations, Aviation Plans and Requirements Division.

During his two years at China Lake, Capt. Fritz has directed the highly regarded test squadron through evaluations of numerous weapons and weapons systems now a standard part of Fleet operation, among them the A-7E.

Capt. Fritz began his Naval career in 1942 and was commissioned in 1943. After tours with two bomber patrol squadrons in the Pacific, he earned a bachelor's degree in mathematics from George Washington University. He completed a second sea tour aboard the USS Wasp and USS Coral Sea, and then earned his masters in aeronautical engineering after two years at the Naval Postgraduate School and another year at Princeton University.

He became Executive Officer of VA-85 in 1955 and in 1958 was assigned to the Board of Inspection and Survey at Patuxent River, Maryland. During this period he completed the Naval Test Pilot School and was a project pilot on various aircraft undergoing trials.

In 1961 Capt. Fritz reported to Air Group Four at Cecil Field, Florida, before returning to Patuxent in 1965 as Program Manager for the A-7 Corsair II and OV-10 Bronco at the Naval Air Test Center. In 1967 he was the flight leader on the record-setting, non-stop A-7 flight from Patuxent River to Paris.

A veteran of 28 years in Naval aviation, Capt. Fritz leaves VX-5 with more than 6000 flight hours and 175 day and night landings to his credit.

The program for the Change of Command calls for a performance by the Third Marine Air Wing Band, a speech by RADM. E. P. Yates (Commander, Fleet Air Whidbey Island), and the presentation of the Meritorious Service Medal to Capt. Fritz.

J. Kenneth Pringle Slated To Speak To IRIG Group

J. Kenneth Pringle, of NWC's Research Department, will be the featured after-dinner speaker at the Wednesday evening banquet being held as part of the 35th semi-annual Data Reduction and Computing Working Group, IRIG, meeting being hosted at NWC this week.

Pringle will give an illustrated talk on "Petroglyphs," drawing on work in which he participated in the examination and photographing of the Indian rock drawings in Little and Big Petroglyph Canyons here at NWC. These canyons are now designated a National Historical Landmark. Pringle is a physicist affiliated with Petrodynamics Branch of the

Detonation Physics Division, Research Department. He is presently working in the field of geology where his studies include the various aspects of shaped charges as they affect and are affected by geological materials. A native of Utah, Pringle has been at NWC for 10 years. He obtained his degree in Astrophysics in Brigham Young University.

In addition to his many other activities, Pringle is a member of the Board of Directors of the local Maturango Museum. He is a co-author of a book on petroglyphs, "Rock Drawings of the Coso Range" published in 1968 by the Maturango Press.



SCOUTS LABORS RECOGNIZED— Left to right, Mrs. Robert Meade, president and Mrs. Robert Freedman, former civic beautification chairman, both of Oasis Garden Club, presented a certificate of appreciation last week to Robert Henry of Troop 41 for taking care of the flowers at the Center Theatre this summer. Robert, son of Dr. and Mrs. Ronald Henry, worked about 100 hours in weeding, pulling and watering the flowers, although only 20 hours are required for community service. This service completes all but one of the requirements for Robert to make Eagle rank. In the background are Marvin Backman, scoutmaster and Greg O'Guin, member of Troop 41, and a recent arrival from Corona. —Photo by PH3 Tony Curiale

Course Record (66) Set By Norton AFB Golfer

Lee Glidden, a member of Supply at Norton Air Force Base, shot a blistering 66 (31-35) at the China Lake Golf Course Friday, October 9, to set the course record. The record round came in the final 18 holes of play in the Mojave Desert Interservice League golf match which saw China Lake win by 27 strokes, 1173 over Norton AFB, who had 1200.

Glidden is the present champion of Norton AFB, and has won the Michigan State Club Championship

twice, when he was 16 years old and again at the age of 18. In 1964 he placed seventh in the National Club Championships.

The CLGC record-holder fired a three-day total of 228, which included rounds of 82, 80 and the record 66. On the final day, he made the turn at 31, with birdies on 1, 4, 5, 6 and 9. He parred 2, 3, 7 and 8.

On the back nine, which is slightly more difficult, Glidden

holed birdies on 10 and 16, and recorded a bogie on the difficult par-3 11. He parred the rest of the way in for the record.

Glidden hopes to become a professional after his discharge from the U.S. Air Force. The 24-year-old former Western Michigan University student (he needs 10 more hours for a bachelor's degree in retailing) was taught everything he knows about golf by his father, Sewell Glidden, a 6-handicapper.

China Lake Wins First MDISL Tourney Since Start Of League Competition

The drought is over.

After years in also-ran positions, China Lake won its first Mojave Desert Interservice League championship last week as the NWC golf squad outdistanced second-place Norton AFB by a whopping 27 strokes over the 54 hole tournament.

Paced by club champion Max Smith, the China Lake team of Bob Moore, Barry Kolsrud, Curt Overstreet and Curt Bryan led all the way, although none qualified for individual honors.

Smith turned in a 54-hole total of 230 to spearhead the drive to the championship, followed by Overstreet at 232, Bryan at 234, Kolsrud at 237 and Moore at 240.

Bryan's par 72 on the final day of the tournament was the finest round carded by a China Lake player.

The victory was a superb display of overall team strength, as China Lake went into the final 18-holes with a 27-stroke lead and maintained it despite Lee Glidden's record setting 66 on the final day.

The highest a China Lake golfer finished in the individual standings was Smith, whose 230 was good for fourth place. George AFB's Kevin

Jones finished first with 226 total, edging Glidden of Norton AFB at 228 and Jones' teammate Bob Newell at 229.

Glidden's 6-under-par record allowed Norton to pull out second place by 17 strokes over George after the two had been tied for second at 818 after two days of play.

Finish Third In MDISL

The victory by the golf squad brought to a close the finest year ever by China Lake in the MDISL all-sport standings.

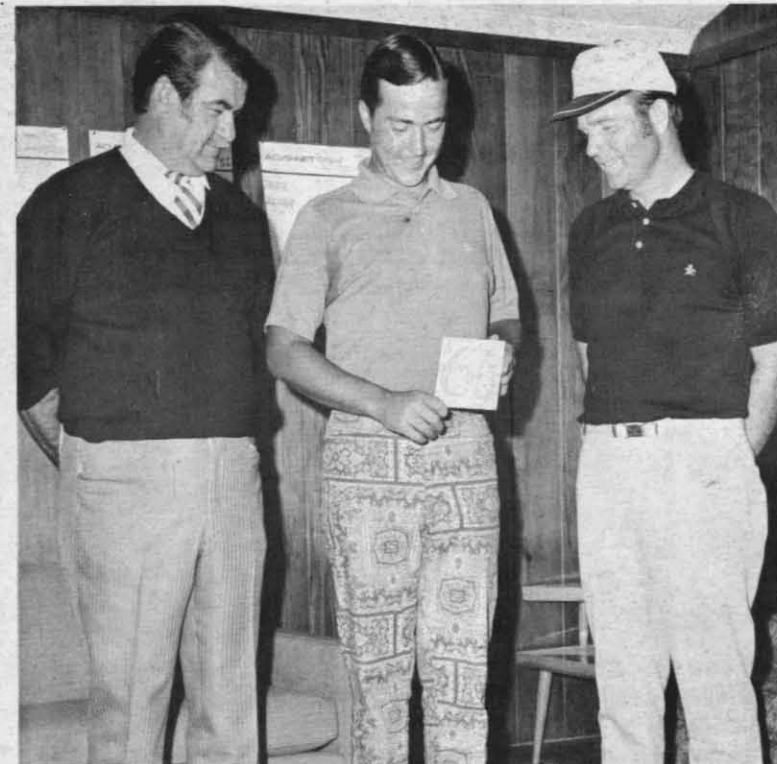
NWC finished in a tie for third with Edwards AFB in the standings, both teams compiling a total of 90 points to trail winner Norton AFB by 10. George AFB finished second with 93 points.

In addition to the golf championship, China Lake athletes brought home second place in tennis, and third place finishes in handball and volleyball.

The 1970 competition will begin with the flag football playoffs scheduled later this year at Barstow. No definite date has been set for the tournament.



MDISL CHAMPS— China Lake won the recent MDISL Golf Tourney, held at the China Lake Golf Club by a score of 1173 to second-place Norton AFB's 1200. This win moved China Lake to third place in the final standings of the MDISL competition. The winners are (holding their trophies) left to right: Barry Kolsrud; Curt Bryan; Curtis Overstreet; Bob Moore; and Max Smith. Cdr. Bert H. Creighton, Executive Officer of VX5, presented the trophies. Photo by PH2 D. E. Hart



RECORD HOLDER— Lee Glidden, center, holds up the numbers "66" which signifies the course record he set Friday, October 9, in the final round of the MDISL tourney. Glidden competed on the team from Norton AFB, and is that station's current Club Champion. Two former record holders (with 68's) Paul Someson, left, China Lake Club Pro, and Max Smith, right, the current CLGC Club Champion, Invitational Champion and member of the championship China Lake MDISL team, admire Glidden's score card. An interesting statistic: on the previous day to shooting the record, Glidden recorded an 82 and that evening took a lesson from golf pro Someson. Result — next day, the record. Lessons, anyone?



Bowles Rolls 692 Set For Association High

A 692 series, three men with triple-200's, a win streak halted at 9 games, and a new leader. Other than that, nothing much happened in the Premier League this past week.

George Bowles, stellar lead-off man for Boyd's Auto Parts, strung together games of 248, 227 and 217 for a 692 series, high for the year. Not too far behind came R. C. Jones with games of 226-222-222 for a 670, and Jack Herbstreit, who rolled 227-223-212 for a 662 series. Joe Kokosenski hit 235 and 203 with a 632 series.

Allied Vending took over first spot in the League by virtue of winning three games while Ace-TV won two and B&F Liquor dropped two to a hot NAF team. Four men on the B&F quintet struck out in the 10th frame to barely squeak by NAF in the final effort, bringing NAF's win streak to a halt at nine straight victories.

Other big scores for the evening: Craig Rae, 610; Thad Brightwell, 608; Ralph Brewer, 605; Ray

Freascher, 603; A. C. Winslow, 601; Winslow, 243; Ray Akins, 229; David Furstenburg, 226; George Barker, 223; Allen Smith, 222.

Monday Women's Scratch

AV Trophy rapped out an 878 game and a 2414 series to lead the team scoring last Monday night in the Women's Scratch League. The Loaners rolled 859 to come in a close second.

Sue Lewis led the parade of individual scorers with a 577 series, followed by Joyce Paulson, 559, Shirley Hartman, 552, Maggie Branson, 540, Erma Erickson and Sue Haack, 530.

Sue had the high game of the evening, a 232 effort, with Sue Haack (214), Joyce Paulson (212), Maggie Branson (211), Linda Jeffris (206), and Alice Cutsinger and Diane Richardson (200), above the 200 mark.

According to secretary Darlene Herbstreit, bowlers are still needed to help fill out the league. Anyone interested in bowling is asked to contact Jean Crom.

Improved NAF Hawks Have Exciting Week

The NAF Hawks were the best team in the China Lake Football League last week. Or at least they seemed so October 8 as they held a 2-0 edge over the league-leading VX-5 Vampires late in the fourth quarter.

But then VX-5 split end Leon Irving took an Ed Whittaker pass at the NAF 32 and streaked past the Hawk secondary for the go-ahead touchdown, and seconds later, Tom Sticca went 40 yards to score on an intercepted pass and

give the Vampires a 13-2 victory. Again October 13 the Hawks found themselves ahead in a fiercely contested battle with the Wolves, only to settle for a 12-12 tie on a fourth-quarter touchdown by NWC halfback Mick Rindt.

Both games marked concerted efforts by the Hawks, who languished as the league's doormat a year ago and seemed destined to the same fate after their 15-0 loss to the Wolves in the season opener. But the Hawks have improved

steadily and contained the vaunted VX-5 offense for 46 minutes until Irving and Whittaker combined to break the NAF spell. Playing almost as well on defense and better on offense this week, the Hawks came from behind to tie the Wolves, 6-6, on Alan Olson's 15-yard reverse with 4:45 left in the first half. They took a 12-6 lead early in the fourth quarter, as Roger Mann went in from the 7, but gave up a touchdown on the Wolves' ensuing

Bill Stuart-engineered drive, leaving them short of victory for the fourth time this season.

STATISTICS (After 3 games)						
Rushing						
	AH	Yds	Avg	TD's		
Cozzucoli, Ace	27	132	4.9	2		
Dake, VX-5	14	70	5.0	3		
Toste, NAF	21	70	3.3	1		
Harris, Ace	10	56	5.6	2		
Passing						
	AH	Co.	Yds	TD	Pct	Avg
Whittaker, VX5	38	14	324	3	36.8	8.5
Creedy, NAF	43	16	215	0	37.2	5.0
Rindt, Wolves	44	14	153	0	31.8	3.5

Receiving				
	No.	Yds	TD	Avg.
Ratliff, NAF	7	72	0	10.3
Berton, Ace	6	112	2	18.7
Herr, VX-5	5	118	3	23.6
Mann, NAF	5	106	0	21.2
Walton, Wolves	5	39	0	7.8
Scoring				
	TD	XP	Tot.	
Dake, VX5	3	1	19	
Herr, VX5	3	1	19	
Irving, VX5	3	0	18	
STANDINGS				
	W	L	T	
VX-5	3	0	0	
Ace TV	2	1	0	
Wolves	1	2	1	
NAF	0	3	1	

Fund Honors Early NOTS Scientist

The sixty percent mark was recently reached on the way toward the \$50,000 goal of the Charles C. Lauritsen Memorial Fund. This fund honors the scientist whose many achievements included leadership in the founding of the Naval Weapons Center during World War II.

flew over Indian Wells Valley in a small two wing Beechcraft piloted by Cmdr. J. C. Renard. They were

In the months that followed Lauritsen's need for a large rocket area was combined with a proposal by Cmdr. S. E. Burroughs, Jr. (now Rear Admiral retired) for a large development station for aviation ordnance. On November 8, 1943, a new station meeting both these needs was established in the area proposed by Lauritsen.

The fund finances an annual lecture at the California Institute of Technology at Pasadena by an outstanding scientist of the world. Aage Bohr, Director of the Niels Bohr Institute of Copenhagen, will deliver the first memorial lecture October 29, 1970, it was announced by K. H. Robinson, local representative for the Memorial Fund. The fund was established after Dr. Lauritsen's death April 13, 1968. At that time, many persons including Lauritsen's friends and co-workers at NWC sought some means of expressing their tribute.

Charles C. Lauritsen was the civilian scientist most responsible for the location of NWC in Indian Wells Valley. In the summer of 1943 when the wartime rocket program of the California Institute of Technology went through a massive enlargement, Lauritsen recognized the need for a large new area for testing rockets. The space available at Goldstone Lake at the Army base of Camp Haan (now Fort Irwin) was not adequate for the enlarged program. Lauritsen personally led the search for a new area. During the search Lauritsen



Dr. C. C. Lauritsen much impressed with the large relatively uninhabited area and with the availability of the runways at the Inyokern airport, which would allow operations to start with minimum delay. Renard later reported that after they landed at the Inyokern Field, Lauritsen expressed conviction that this was the area needed for the rocket program.

As the head of the CalTech rocket program, Lauritsen was essentially in charge of the technical work done at this center during World War II. After the war, when the CalTech weapon work was transferred to the Navy, Lauritsen influenced the continuation of strong civilian scientific initiative in the operation of the Center. He had a continued interest in the Center until his death. He served on the Center's first Advisory Board, which met in 1949, and he served from 1949-1956, 1958-1961 and from 1963-1966.

SIGN UP FOR U.S. SAVINGS BONDS/FREEDOM SHARES

Tighter security control has been directed for all Naval establishments. This requirement has been brought about by the increasing incidence of violence and threats of violence by militant groups. Security Police gate guards have been instructed to closely scrutinize all passes and ID cards to verify their currency. Expired passes will be confiscated. There is no intent to restrict authorized entry onto the Center. Residents are reminded of their responsibilities when sponsoring guests.



TICKETS STILL AVAILABLE—Dr. Martin H. Kaufman, left, Sales Manager for the China Lake Civic Concert Association, presents a ticket to Barbara Lewis, the current Miss Ridgecrest-China Lake, for the upcoming concert series, which will begin October 28 with a concert by Whittemore and Lowe, duo-pianists. Miss Lewis was quoted as saying she felt "many teen-agers in the Indian Wells Valley would be interested in the offerings of the Concert Association during the 1970-71 season." Agreeing with her are L.Cdr. William J. Schell and Mrs. Richard A. Jones, members of the Board of Directors. Mrs Jones stated that many tickets are still available and will be on sale until Whittemore and Lowe's appearance October 28.

NWC Change . . .

(Continued from Page 1) the Staff, COMNAVAIRLANT, and as Executive Officer on the USS Essex.

He first reported to China Lake in 1949 when it was known as U.S. Naval Ordnance Test Station, Inyokern. In 1955 he reported again to NOTS and participated in airborne weapons systems development programs. During this tour, he was head of the Assistant Experimental Officers' Group, which is now known as the Technical Officers.

Honored Guests Scheduled to be present for the Change of Command ceremony will be VAdm. W. F. Bringle, COMNAVAIRPAC, who will be Senior Officer Present, and Cdr. J. J. Hogan, CHC, NWC Catholic Chaplain, who will deliver the Invocation and Benediction.

In addition, other honored guests will include: H. G. Wilson, NWC Technical Director; Capt. J. K. McConeghy, NWC Deputy Commander; Capt. R. E. McCall, Commanding Officer of NAF; Capt. C. W. Fritz, Commanding Officer of VX-5; and Cdr. C. D. Brown, Officer in Charge, Corona Annex.

Schedule of Events The schedule of events will get underway at 10 a.m. with the forming of officer and enlisted ranks on the Administration Circle. The COMNAVAIRPAC Band from San Diego will present a concert during the arrival of guests.

Parading of the colors and the National Anthem will follow the arrival of VAdm. Bringle, RAdm. Moran and Capt. Etheridge. Chaplain Hogan will deliver the Invocation followed by remarks of VAdm. Bringle.

At approximately 10:55, Capt. Etheridge will read his official orders, which will be preceded by his personal remarks. RAdm. Moran will then read his official orders and relieve Capt. Etheridge.

RAdm. Moran will then deliver personal remarks and introduce VAdm. Bringle, who will present a retirement certificate to Capt. Etheridge, and Capt. Etheridge will be officially "piped over the side."

Chaplain Hogan will close the ceremony with a Benediction.

At the conclusion, the official party will depart for the Community Center where a reception will be held to welcome RAdm. Moran and say "farewell" to Capt. Etheridge.

All officers and enlisted men attached to or serving at the Naval Weapons Center, not actually on watch, will participate in the ceremony. All civilian employees of the Center, as well as all other interested persons, are invited to attend.

In the event of inclement weather, the Change of Command ceremony will be held in Hangar No. 3 at the Naval Air Facility. The schedule of events will remain in effect.

Motorcycle Safety Class Offered

A motorcycle safety course, sponsored by the Community Council, will be offered interested persons on Saturday, October 17. Experienced riders will be supplied by the Sand Blasters Club and the Gypsy Wheels, who are strong supporters of the safety classes. In addition, the Lions Club has made funds available to assist the Community Council with the cost of the class.

The class is open to anyone in Ridgecrest, China Lake, Inyokern or Trona who is interested in learning to ride a motorcycle, or to more experienced riders wishing to update good motorcycle practices.

Minors who wish to participate must get both parents to sign a release form before they are admitted to the course. Adults taking the course must also sign a release form.

Persons who wish further information are asked to call Dick Cox, 375-7221 or Bill Faith, 375-7745, or on the Center, Billie Hise, NWC Ext. 2037.

According to Danny Dandurand of the Travel Office, the Plane Schedule published in the ROCKETEER October 9 is effective on October 26, not October 6 as printed. The ROCKETEER regrets any inconvenience caused by the printer's error.



TRADES COUNCIL OPENS OFFICE — The officers of the I.W.V. Metal Trades Council gather in front of the Council's new office, located at 65-B Halsey, on the Center. The Council holds exclusive recognition for all ungraded employees in the Unit on the Center. Hours of operation at the new office are 7:30 p.m. until 9:30 p.m., Monday through Friday.

Officers present for the opening are (front row, left to right) Joe Lechener, President; Andy Barkhurst, Vice-President; and Don Fuller, financial secretary. Back row, l to r, Glenn Zeller, recording secretary; Frank Menard, Sergeant of Arms; and Harry Thacher, local 442 President. —Photo by PH2 D. E. Hart

Highlights of Captain M. R. Etheridge's Tour Of NWC Provides Interesting Pictorial History



HAIL AND FAREWELL - Capt. Etheridge relieved Capt. G. H. Lowe as COMNWC on September 15, 1967. Above, Capt. Lowe introduced Capt. and Mrs. Etheridge (Anne) to the community at a Hail and Farewell party at the COM.



OFFICIAL HOST - Capt. Etheridge served as official host to many outstanding dignitaries who have visited the Center during his tour as Commander. Above, in 1968, he accompanies RAdm. Elmo Zumwalt (then COMNAVFORV) who recently relieved Adm. T. H. Moorer as Chief of Naval Operations.



HONORARY MEMBERSHIP GRANTED - In September, 1968, Capt. Etheridge was singularly honored by the Indian Wells Valley Council of the Navy League. At an annual function, he was presented an honorary membership in the local organization. Howell Sumrall, then President of the local council made the presentation.



SECNAV VISITED - The Center was highly honored in 1969 by a whirlwind visit and tour of the facility by the Honorable John H. Chafee, Secretary of the Navy. Above, Capt. Etheridge orients the Secretary with a topographical map of the area located in the main lobby of Michelson Laboratory. The Secretary's visit to NWC took place on October 4 of that year.



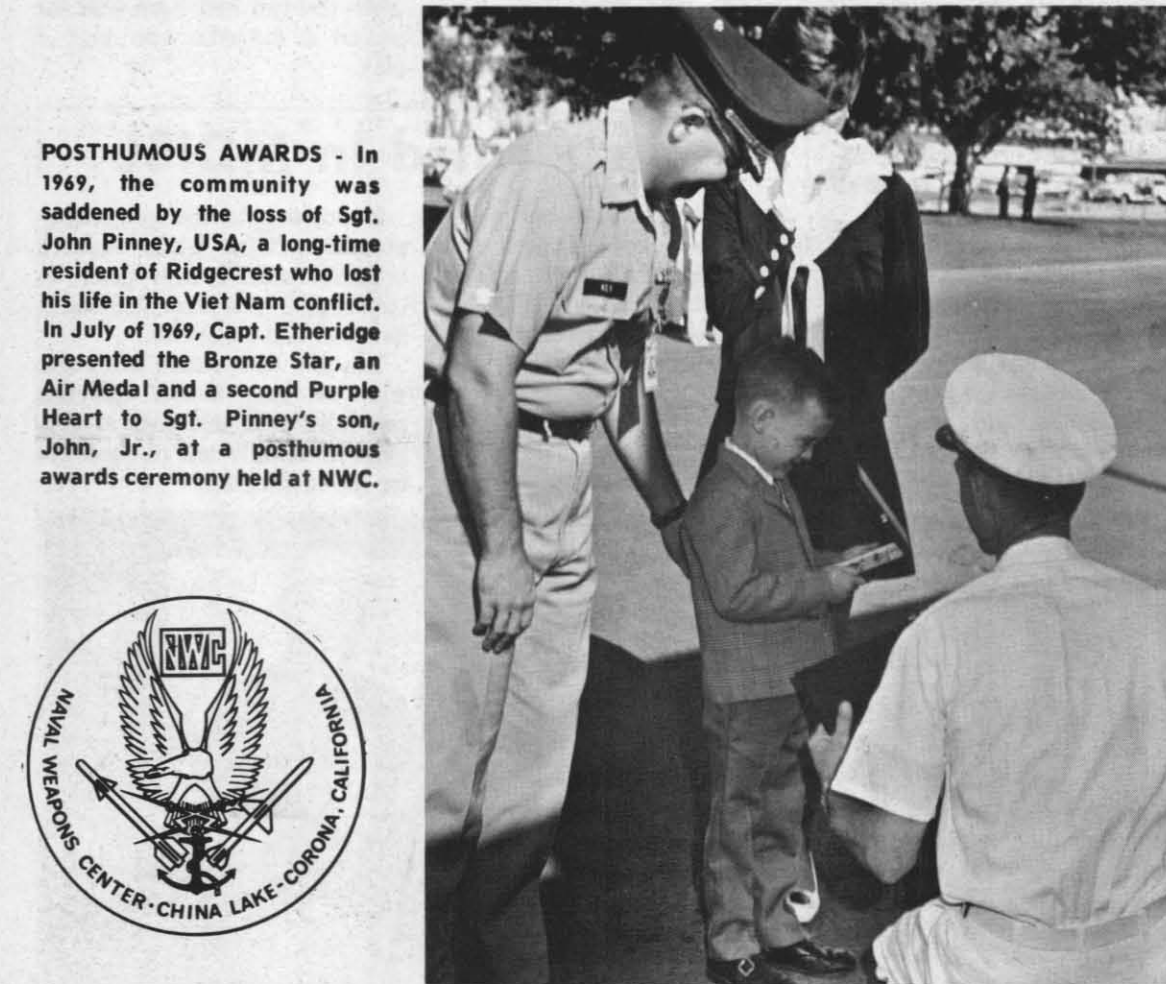
TOP CIVILIAN AWARD - Four NWC Employees won top Civil Service Awards during Capt. Etheridge's tour as COMNWC. Above, Dr. Pierre St. Amand of NWC's Research Department receives the Distinguished Civilian Service Award from RAdm. P. A. Holmberg who made the presentation on behalf of the Secretary of the Navy. Others who were honored included Maurice Hamm, Charles Cordell and Steve Little. The presentations were made at a luncheon at the COM in November, 1967. -All Photos By NWC



LABOR RELATIONS - In February, 1968 (above) and again in April, 1970, Capt. Etheridge joined with members of the Center's management team and union officials to sign union contracts with the Indian Wells Valley Metal Trades Council. The Council, which represents most of the blue-collar workers employed at the Center, is headed by Joe Lechner, President (seated, right).



ALL HANDS MEETING - Capt. Etheridge used the All Hands meeting as one of his best approaches to community-wide problems. Above, he addresses employees at the Corona Annex regarding the relocation of that facility to China Lake.



POSTHUMOUS AWARDS - In 1969, the community was saddened by the loss of Sgt. John Pinney, USA, a long-time resident of Ridgecrest who lost his life in the Viet Nam conflict. In July of 1969, Capt. Etheridge presented the Bronze Star, an Air Medal and a second Purple Heart to Sgt. Pinney's son, John, Jr., at a posthumous awards ceremony held at NWC.



25th ANNIVERSARY CELEBRATED - During Capt. Etheridge's tour, the Center celebrated its 25th Anniversary as a research and development organization. Shown cutting the 25th Anniversary cake are Capt. L. A. Dewing, former NAF Commanding Officer; Dr. T. S. Amie, former Technical Director; RAdm. S. E. Burroughs (Ret.), the first Commander of NOTS, and Capt. Etheridge. The event was part of a two-day celebration held Nov. 8-9, 1968.



NEW SERVICE PIN - A new NWC length of service pin was designed and initiated for use at the Center in July of this year. Above, Capt. Etheridge presented the first of these to Technical Director H. G. Wilson on the occasion of his having completed twenty years of service as an employee of the Center.



DR. FROSCH VISITED - In October, 1969, Dr. Robert A. Frosch, Assistant Secretary of the Navy for R & D, visited the Center. He was accompanied on his visit by Dr. Joel S. Lawson, Jr. (far left) Director of Navy Laboratories. Shown above with Capt. Etheridge, the visitors were also escorted by Cdr. C. D. Brown, OIC of NWC's Corona Annex, and H. G. Wilson.



NEW FACILITY - Capt. M. R. Etheridge accepted the keys to the newly-completed Solid-State Devices Facility in July, 1970. At ceremonies held outside the new building, Capt. K. C. Abplanalp, Public Works Officer and ROICC for SOUTHWESTNAVFACENCOM turned over the new addition to the Michelson Laboratory complex.