

CHAPLAIN'S MESSAGE

"A Man's Reach Should Exceed His Grasp . . ."

CHAPLAIN JAMES HOGAN



It's hardly original to say that we all recently witnessed an historical event of unimaginable significance when man took his first step on the moon.

Ever since man invented the wheel he has moved steadily forward, exploring, experimenting, developing his potential, constantly striving for more.

Now that the moon has been reached, and plans are being made to move farther and farther into space, the question arises: where and when does it stop?

The answer is: never, as long as man exists. Both our reason and experience tell us that man is never satisfied with the status quo. That he has a built-in restlessness, a drive for fulfillment, a thirst for greater discovery, wider understanding, and deeper meaning. Scripture in its own way confirms this, when it tells us that God created the world and gave it to man to do with as he willed.

At our present stage of technological and scientific progress, the possibilities seem limitless. Yet, every now and then there arises from our subconscious the uncomfortable suspicion that progress alone is not enough.

No machine can create dignity in a man, no computer can produce the innocence in a baby's eyes, no slide-rule can engineer love.

And, if God created all things, it follows that all things created are not God, and that even the unlimited possibilities man sees before him are never quite satisfying enough to quench his thirst for more.

Perhaps Augustine knew what he was saying when he prayed, "Our hearts are restless, O God, until they rest in Thee."

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BENNY SUGG AWARDS—Four Public Works employees are shown in the photograph holding their Beneficial Suggestion Certificates, and checks, following a presentation in the office of Capt. K. C. Abplanalp, NWC Public Works Officer. The men are, from left to right, Henry B. Goode, Cecil B. Cole, James H. Pappé, and Bill E. Camp. The ceremony took place August 13.

The Rocketeer

Official Weekly Publication U. S. Naval Weapons Center China Lake, California. Capt. M. R. Etheridge, USN NWC Commander. "J. Bibby" Public Affairs Officer. Jean Raber Associate Public Affairs Officer (Acting) Director of News Bureau. William P. Valente, Jr. Editor. Jack C. Lindsey Staff Writer. Lucille Edwards Editorial Assistant. PH1 Gary D. Bird, PH2 Delmar E. Hart, PH2 Michael F. Krause, AN Maurice Dias, Staff Photographers.

DEADLINES

News Stories Tuesday, 4:30 p.m. Photographs Tuesday, 11:30 a.m. The Rocketeer receives Armed Forces Press Service material. All are official U. S. Navy photos unless otherwise identified. Printed weekly with appropriated funds in compliance with NavExos P-35, revised July 1958. Office at Nimitz and Lauritsen. Phone numbers: 71354, 71655, 72082

DIVINE SERVICES

Protestant (All-Faith Chapel)—Morning Worship—8:15 and 11 a.m. Sunday School—9:30 a.m., Chapel Annexes 1, 2, 3, 4 (Dorms 5, 6, 7, 8) located opposite Center Restaurant. Roman Catholic (All-Faith Chapel)—Holy Mass—7, 9:30 a.m., and 12:30 p.m. Sunday. Daily Mass—11:30 a.m. in Blessed Sacrament Chapel. Saturday, 8:30 a.m. Confessions—7 to 8 p.m. Saturday. 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, 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 must be completed previous to selection. Selection shall be made without discrimination for any non-merit reason and without favoritism based on personal relationship or patronage.

The vacancies listed below are effective from 22 to 29 August, 1969.

Voucher Examiner, GS-540-04 or GS, PD No. 6925008 & PD No. 6925007, Code 25751—The incumbent examines supporting documents which serve as a basis for the preparation and processing for payment of all types of vouchers. The incumbent executes and signs the administrative certificate on vouchers. The incumbent is responsible for all follow-up functions pertaining to the documents under his cognizance. The incumbent initiates correspondence to various Army, Navy, Air Force and USA activities, plant representatives, vendors and others in connection with all phases of assigned responsibilities. The incumbent maintains close liaison with technical personnel to provide material status information upon request or upon receipt of information from suppliers that urgently-needed material will be late. The incumbent issues cancellation, rejection and short notices. The incumbent performs other duties as may be required. Minimum Qualification Requirements: One year specialized experience in actually examining government Vouchers and certifying them for payment for GS-4 and 2 years for GS-5. In addition, must have one year of general experience which has demonstrated a general background knowledge of business-type operations. Job Relevant Criteria: 1) Experience certifying vouchers in a government activity. 2) Experience which required familiarity with procurement and contracting regulations. 3) Experience which requires a knowledge of supply receiving and delivery procedures and regulations. Advancement Potential: From GS-4 to GS-5 Voucher Examiner.

Warehouseman, WB-69007-05, JD No. 23, Code 2591 (2 vacancies)—Performs a number of tasks in connection with the physical receipt, storage or issue of supplies. Receives, checks, stores, issues and assembles supplies of all types in accordance with established supply systems, procedures and methods. Minimum Qualification Requirements: Applicants must take a written test which will include questions designed to measure the competitor's aptitude for the position. The test will require approximately one hour and fifteen minutes including time to complete all the necessary forms. The results will be listed with your training and experience in arriving at your final rating. No specific amount of experience or education is required. Job Relevant Criteria: Employee must be capable of reading catalogs and reference publications pertaining to the specifications and categories of materials handled. It is required to have a working knowledge of simple mathematics and measuring devices. Must be able to operate standard materials handling equipment and related devices. Must be capable of following established procedures and methods applicable to the work being done. Advancement Potential: Stockman.

Clerk (Typing), GS-301-02 or 03, PD No. 17328Am, Code 8435 (1 vacancy)—Position is located in the Traffic Control Branch, Police Division, Security Department. Major work requirements include registration of vehicles and bicycles; prepare work permits; check files on traffic citations; check files on personnel terminating; monthly reports; correspondence; filing; clerical and telephone duties; acting as relief security clerk. Working hours will be 0730 to 1630 Monday through Friday and 0700 to 1530 every other Saturday and Sunday. Minimum Qualification Requirements: Six months required at the GS-3 level.

File applications for the above with Carole Cadde, Bldg. 34, Rm. 26, X-71548. Mechanical Engineering Technician, GS-802-9/10, PD No. 755041 Am(1) (10), Code 5534—Develop prototype missile guidance and control, mechanical and electromechanical hardware; develop assembly methods and techniques, and contribute to formal documentation of these methods and techniques; provide engineering advice and assistance to project engineers of Center service facilities. Minimum Qualification Requirements: 2 years general experience, 4 years specialized as defined in the CSC Qualification Standards for the GS-802 Mech. Engr. Series. At least one year of the specialized experience must be directly related to the duties described above. Job Relevant Criteria: Knowledge of electronics involving RF Stripline printed circuit fabrication. Drafting experience using mechanical aids such as coordinator plotting table for development of printed circuit master artwork. Experience in both adult chemical processing and electro-chemical plat-

"DESERT PHILOSOPHER"

Be Prepared

By "POP" LOFINCK

With all that's been written about safety in boondocking—a most important factor is overlooked. That is habit! Habit is a great factor!

If you wait till the last hour before starting on a trip, you will probably overlook or forget something very important.

You should have check-off list—one for long trips and one for short trips. Such a list should include:

A five gallon can of water—fits in a car better than a bottle and a bottle might get broken. If you have room—take 10 gallons—someone else along the way might need water.

A flashlight with batteries that are not dead—why not take extra batteries? They don't take up any room.

Matches or a cigarette lighter—for building a fire for getting attention.

Jack and tire changing tools.

Small shovel with long handle—you can dig as much as with a big shovel and a long handle saves your back.

Crowbar for rocks. Small medical kit. Iodine, bandages, aspirin, snake bite kit, food in cans for emergency.

All small stuff can be in a box with handles on it—so all you do is "hist" the box into your car when ready to go. Soon nights will be chilly—September, October—so take a coat.

Start with a full tank of gas. Tell somebody where you are going.

PERSONAL EXPERIENCE Several times I've had this happen to me—friends, rockhounds, visitors from the coast—wanted to go rockhounding in Mojave "B" or Randsburg Wash.

Being familiar with the area, they didn't need me. I would emphasize—"Be sure to call Security when you get back, so we will know you're back." But they would forget. So I would spend the night hours calling everybody they ever knew on the Base to find out if they did get back. Because they were my responsibility. Very aggravating!

Eventually I would make contact—they did get back.

When I was Range Security Patrol Officer and lived at Junction Ranch on the North Ranges, I had a regular routine—radio contact by cabin radio in the morning.

If I was going to the extreme northwest area (where jeep radio seldom worked good), I would so state—and write on a blackboard outside my cabin where I was going and the route I would take, and approximately when I would be back.

ing. Experience in maintenance and/or operation of laminating press. Advancement Potential: GS-11.

File above applications with Pat Gaunt, Bldg. 34, Rm. 34, phone 71514. Clerk-Typist, GS-322-3, PD No. 6918008, Code 182—Position is located in the Operations Office of the Naval Air Facility. Duties include maintaining pilots' log books, master log, maintaining Pilot Qualification Status board, recording enlisted flight time, maintaining files of flight handbooks and weight and balance books, answering telephone, preparing and typing monthly reports and other clerical duties. Minimum Qualification Requirements: A. One year of appropriate experience or, B. education and/or experience as allowable in X-118, Series GS-322-3. Advancement Potential: Position has potential to go to the GS-4 level. Job Relevant Criteria: Applicant must be a qualified typist and to maintain records.

Mail & File Clerk, GS-305-3, PD No. 6918009, Code 181—This position is located in the Administrative Services Office, Administrative Department, Naval Air Facility; this position provides specific procedural mail, file and directives clerical support to the Administrative Officer. Minimum Qualification Requirements: A. One year of appropriate experience or, B. education and/or experience as allowable in X-118, GS-305-3. Job Relevant Criteria: Must be a qualified typist and familiar with the Magnetic Tape Electric Typewriter and the operation of this machine. Advancement Potential: Position has potential to go to the GS-4 level.

File applications with Mary Morrison, Code 657, Bldg. 34, Rm. 26, X-71548. Helio-Motion Picture Film Processor, WP 39901-04, JD No. 111, Code 3023—Assists in the operation of continuous motion picture film developing machines and associated equipment. Performs batch mixing of chemicals for developing film. Minimum Qualification Requirements: Rating of applicants will be on the basis of the appropriate Job-Element Standards in accordance with CSC Handbook X-118. Job Relevant Criteria: Experience and training which indicates an ability to follow directions in measuring and mixing various types of chemicals for photo development. Advancement Potential: Physical Science Aid GS-5. File above applications with Pat Gaunt, Bldg. 34, Rm. 34, phone 71514. Clinical Nurse, GS-61-05 or 7, Code 88—Work on an as required basis with possible shift assignments at the Center Hospital. May be required to provide general professional nursing care to both adult and pediatric patients. Minimum Qualifica-

Center Streets Named for VIP's, Aircraft Carriers and Destroyers

ADMIRALS

Residents of the Naval Weapons Center no doubt know that Halsey Street was named after Fleet Admiral William F. "Bull" Halsey, Jr., USN Ret., who commanded the Third Fleet in the Pacific during World War II. Most residents also know that Enterprise Rd. is named for the USS Enterprise, an aircraft carrier. Likewise, the names Hussey, Forrestal, and Nimitz are well-known. But how about Dibb and Smith? Or Sage? Or Ellis? How many residents, not former Navy personnel, know that Rodman, Ringgold and Randolph are named after Destroyers?

With the exception of Blue Ridge Rd., which is named after an Amphibious Force Flagship, all streets on the Center named after ships are named after Carriers or Destroyers. The streets in the original Duplex housing areas just north and south of Blandly were named to honor well-known Navy officers, particularly those who helped to establish the Station, and prominent NWC scientific pioneers. Streets on the Center that are named after aircraft carriers are: Card, Wasp, Essex, Hornet, Enterprise, Monterey, Princeton, Independence, Ranger, Santee, Saratoga, Yorktown, Lexington, Cabot, Langley, Hancock, Ticonderoga, Midway, Intrepid, Coral Sea, Shangri La and Valley Forge.

Radford, Rowe, Rodman, Ringgold, Randolph, Renshaw, Farragut, Dewey and Decatur are all named after destroyers, which shows the influence of then Cdr. George Cairnes, former head of Command Administration at NOTS, who was also the former commanding officer of the USS Renshaw.

Two streets, Dibb and Smith, are named for men accidentally killed in the line of duty at the Center. Lt. Robert A. Dibb, former assistant operations officer, was killed in an experimental rocket firing accident in August, 1944. Smith is named for Chief Torpedo-

man Wilbur K. Smith, who was killed when a torpedo air compressor exploded on the Center in January, 1950.

Other admirals who have had streets named in their honor include: Rear Admiral Thomas F. Connolly, a former Center Experimental Officer; Rear Admiral John T. "Chick" Hayward, also a former Experi-

Code 65 Tells Federal Wage System History

The Coordinated Federal Wage System is now in operation in many areas. The first wage surveys under the new system began in July, 1968. The new system has been placed in effect on an area by area basis as full scale wage surveys are made over a two year period. The full scale wage survey of the Los Angeles wage area will be conducted beginning in September, 1969.

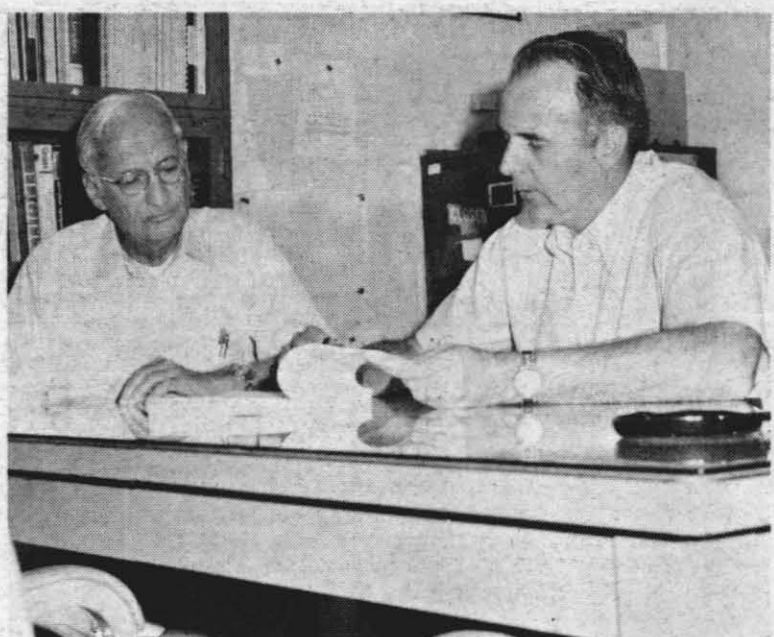
In a memorandum of November 16, 1965, the President asked the heads of Executive Departments and Agencies having wage board employees to work with the Civil Service Commission in the development of a common Federal wage system. Since that time the Commission has worked with agencies and unions to devise a common system of job grading, pay practices and wage schedules which would ensure equal pay for equal work by employees of all Federal agencies in the same area, based upon statistically valid surveys of prevailing industry rates.

The pay of Federal trades and labor employees is based upon surveys of prevailing industry rates for comparable work in that area. The new system replaces a number of separate agency policies and procedures, and for the first time, employees of all Federal agencies in the same area will be under the same pay system.

The basic policies of the new system were promulgated on December 1, 1967. AFL-CIO President George Meany has provided organized labor's support for the program, and, since December the executive agencies and labor unions have cooperated in developing the large body of standards, policies and procedures to begin operations under the Coordinated Federal Wage System.

The first surveys under the new system were inaugurated in July in Montgomery and Mobile, Alabama; Biloxi, Mississippi; and in the Southwest Oregon area. All wage areas in the country are scheduled for coverage under the new system by 1970. The objectives of the new system are in keeping with the President's memorandum in which he indicated that "The policies and practices should be based upon the principles that wages shall be fixed and adjusted from time to time as nearly as is consistent with prevailing rates; and that there shall be equal pay for substantially equal work, and pay distinctions shall be maintained in keeping with work distinctions."

Under the new Coordinated Federal Wage System a gain in equity and employee confidence will be achieved by the new standards and job grading procedures and in the improved procedures for prevailing rate surveys, which provide for greater employee participation in the survey process. Questions concerning the Federal Wage System a new system can be directed to Bill Blinkhorn, 72296.



NWC VISIT—Oscar Seidman, left, who is Head of the Weapons Dynamics Division at Naval Ordnance Systems Command, is shown with Ray Van Aken, Head of the Aeromechanics Division, Weapons Development Department at NWC. Seidman was on Center August 15 to hold discussions with Van Aken and to view the facilities.

mental Officer; Rear Admiral Jack P. Monroe, another former Experimental Officer at NOTS.

Rear Admiral Walter V. R. Vieweg, a past Center Commanding Officer, had Vieweg Circle named for him in 1960, and Rear Admiral J. B. Sykes, another former Center Commander, was similarly honored by the naming of Sykes Circle.

Rear Admiral D. B. Young, Vice Admiral "Ben" Morrell, Rear Admiral W. F. Raborn, and Rear Admiral F. L. Ashworth were also honored by the Center when streets in the Capehart Area were named after them. Other Officers Sellars Circle was named for Captain R. F. "Mike" Sellars, who was the Officer in Charge at the Pasadena Annex, Executive Officer of NOTS, and Acting Commander at NOTS.

Bullard Street is named for former Cdr. Dexter Bullard, and Byrnes for Capt. James C. Byrnes, who headed the Navy shore establishments under the Bureau of Ordnance in WWII. Sandquist is named for Capt. O. A. Sandquist, first officer in charge of construction at NOTS. Sandquist Spa, the recreation area, is also named for this officer.

Groves is named for Lt. Gen. Leslie R. Groves, who formerly headed the Manhattan Project, which developed the atomic bomb. He is the only of-



SECOND AIN'T BAD — Members of "The Muthas," who finished second in the China Lake Slo-Pitch League, are shown collecting their trophies from John Wooldridge, right, the team manager. Shown, from left to right, are: John Burmeister, Bruce Brown, Charles Moncrief, Roy Miller (background, in black tee-shirt), Norm Woodall (shaking hands), and Darryl Baxter (background). "The Maulers" finished in first place.

ROCKETEER SPORTS

Bert Galloway Pitches No-Hitter Against NAF for Season's Finale

The China Lake Intramural Softball League finished Tuesday, August 12, in a blaze of glory as Bert Galloway, pitcher for the champion Ace-TV squad, threw a no-hitter at NAF, defeating them 6-0 in the final game of the season.

Team	W-L-T	Pct.	GBL
Ace TV	20-4	.833	
El Rancho	18-5	.782	1 1/2
Ridgecrest Shell	13-9	.591	4
Magic Cleaners	13-11	.541	7
NAF	6-14-1	.300	12
Genge	5-17-1	.227	14
VX-5	5-18	.217	14 1/2

BATTING

Name-Team	AB	H	RBI	HR	Pct.
Clodt, Dick, EIR	59	28	14	2	.474
Carson, Frank, A-TV	50	21	9	2	.420
Williams, Don, MC	62	25	11	3	.403
Bevan, Jim, A-TV	60	23	13	5	.383
Patterson, Dink, Genge	60	23	13	4	.383
Brown, Dick, VX-5	55	20	11	5	.363
Crawford, Bob, A-TV	71	26	7	2	.362
Crager, Dan, A-TV	70	25	3	3	.357
Martin, Bill, RS	58	20	8	3	.341
Hershey, Marlan, EIR	88	30	10	3	.341
Parmenter, Wally, MC	62	21	15	1	.338
Brown, Bill, EIR	71	24	17	2	.338
Hyles, Al, RS	80	27	29	10	.338
Short, Roger, RS	66	21	9	1	.319
Moulider, Drew, RS	80	25	10	1	.312
Home Runs—Al Hyles, RS, 10; Andy Gillpin, RS, 9.					
RBI's—Al Hyles, RS, 29; Ron Brennecke, El Rancho, 22.					

Galloway was really on his game, allowing only two runners on the base paths in the seven inning game: Bret Harney via an error, and opposing pitcher Pete Klassen via a walk.

Following are the final standings and the top 15 batters in the league.

Young-Old Game

A softball game between members of the China Lake Intramural Softball League who are 37 years of age and older, and the youngsters, 27 and under, will be played at Reardon Field, August 27, beginning at 7:30 p.m.

Tentative pitchers for the "oldtimers" will be Bobby Kochman, Billy Brown and Pete Klassen. The "youngsters" have lined up Bert Galloway and Roger Short.

The game came about when the young men of the league flung the gauntlet at the oldtimers with the admonition "hat they... could beat the old guys any time."

Their bones creaking, the ancient ballplayers of yore bent over and picked up the glove, and hurled it, (albeit not too strongly), into the face of the younger men.

Admission is free, and a good time is promised for all who attend. Centerites are invited to come out and root for the age of their choice.

Dove Season Will Open Labor Day

According to the Department of Fish and Game, Californians will enjoy a 46-day dove hunting season this year which opens statewide on Labor Day, September 1.

The dove season will continue through Sunday, September 30, and will then reopen November 29 and last until December 14. The daily bag limit is 10 and the possession limit is 20 after opening day. White-winged doves may be taken only in Imperial, Riverside and San Bernardino Counties.

The contest was held on Hole No. 8 on July 26 and 27. Participating golfers donated \$1 and teed off, the closest ball to the hole declared the winner.

Ray Gier, Athletic Director of Special Services, hit his tee shot to 6 feet, 5 inches from the cup to win. Gier had a hole-in-one on this hole in March, 1968.

Golfers are reminded that the annual Club Championship will be held September 6 and 7, 13 and 14. Also the 8th annual Invitational Tournament is coming up in October.

Schneider-Beatty Combo Win Club's Novelty Tourney

Nick Schneider and Chuck Beatty, a 14-year-old Burroughs sophomore, defeated Joan Leipnik and Kirk Studstrup to win the annual Novelty Tournament, held by the China Lake Tennis Club.

This was a draw doubles tourney, played at night under the lights. There were 10 teams entered who each played 30 games in a round-robin format. The two finalists each won 20 of the 30 games. This called for a play-off which consisted of a pro-set, won by Schneider and Beatty.

Tennis Club members are encouraged to make challenges to those on the tennis ladder as competition of this caliber can help members prepare for the big October tournament.

Special Contest Termed Success

Paul Someson, Golf Pro of the China Lake Golf Course, has announced that the recent Hope-In-One Contest, held for the benefit of the city of Hope Hospital in Duarte, California, brought in donations of \$343.

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"A" LEAGUE CHAMPS—Members of the "Bat-Winged Hamburger Snatchers," champions of the "A" Division of the 1969 Youth Activities Girls' Softball League, pose with their coaches and the League Coordinator for this team photo. In the front row, left to right, are Becky McBride, Louise McKeown, Suzie Carle, Denali St. Amand and Dawn Wood. Back row, left to right, Josie Alvarado, Carol Hape, coach, Audrey Smith, Stephanie Berry, Sandy Johnson, coach, Marsha Smith and Duane Powers.

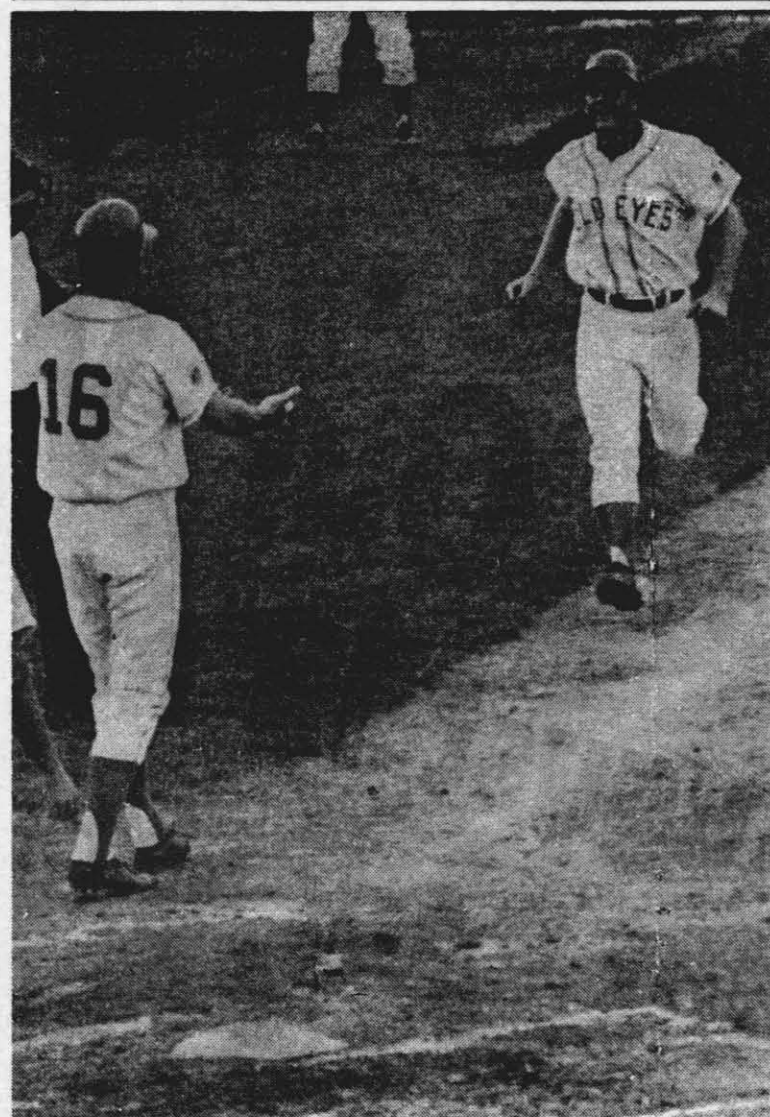
Desert Gun Club Holds Meet

The Sierra Desert Gun Club held a Family Novelty Match at the NWC Rifle Range on July 26, with 19 people participating for ribbons and medals. This match was designed to provide a chance to enjoy organized shooting with all types of sporting rifles which are commonly available, instead of the specialized rifles and equipment used in regular National Match contests.

The course of fire was two sighting shots and 10 record shots at 100 yards. Contestants fired at a stationary 200 yard-size target; six shots at a pop-up deer target, and four shots at gas-filled balloons.

With a total score of 150-10X possible, match winners were: Hulén Frageman, who won top

Gun with a 143-0X score; Ray Powis, who shot 137-3X winning the Hi-Man category; Carolyn Bell, 138-2X, Hi-Woman; Jim Devender, 133-0X for Hi-Junior. All received Gold Medals. Mark Van Devender, who shot 107-0X, won a Blue Ribbon as Hi Sub-Junior. Individual stage winners were: Gailyn Van Devender, 100-6X, SR Target, out of a possible 100-10X; Hulén Frageman, who garnered 27 points out of 30 on the Deer Targets; and Rosemary Miller and Jim Van Devender, who tied with 20 points out of 20 on the Balloon targets. All stage winners were awarded Blue Ribbons.



FIRST HOME RUN—Mark Stoner, right, his face a picture of elation, nears home plate after hitting his first home run in organized baseball on August 5, in a game against Aberdeen of the Northern League. Stoner, who graduated from Burroughs High School in June, is playing for the Winnipeg Goldeyes, a farm team of the Kansas City Royals. On this particular night Stoner went 2 for 4 and batted in three runs.

First Six Months of 1969 Sees Many Awards and Commendations

From January 1969 through June of this year, a number of special commendations were awarded to employees of the Naval Weapons Center, Corona and China Lake. The awards were allotted as follows:

- Beneficial Suggestions**
 - Central Staff (Code 17): Shirley A. Ebersberger; Elisabeth B. Santangelo.
 - Safety (Code 22): Kelvin L. Bennett.
 - Supply (Code 25): Pearre G. Robbins; Florence P. Walker.
 - Systems Development (Code 30): William A. Ariola.
 - Aviation Ordnance (Code 35): Elizabeth C. Anderson, Ronald A. Erickson; Clarence R. Leonard; Louise N. Mitchell; James H. Hollingsworth.
 - Propulsion Development (Code 45): Margie M. Cowley; Guy C. Graham; Stanley E. Creacy; Dominick Ferrone; Richard Bullock; Herschel H. Hicks; Forest A. Seaman; Basil E. Young.
 - Engineering (Code 55): Donald G. Standard.
 - Personnel (Code 65): Nancy S. Cleland.
 - Public Works (Code 70): William E. Angus (two); Robert J. Babines; Melvin L. Blagg; Gilbert H. Blaine; Ernest T. Bumgarner; Delmer D. Cox; John T. Dunaway; T. M. Fortney; Anthony R. Guercia; Richard L. Hart (two); John Harven; A. R. Koog; L. D. Kreighbaum; Ralph P. Loper; C. E. Miller (two); K. L. Newton; A. D. Reneau; Leonard C. Reyes; Charles E. Rouland; Charles Shields; Earl W. Smiley; W. L. Smith; Louis E. Steinhoff; M. L. Sullivan, Jr.; James F. Turbin; George E. Turner.

- Security (Code 84): James E. Grasswick; Lawrence Q. Rizzardi.
- Command Administration (Code 85): Priel I. Davis; Lois I. Stokes.
- Military: RMSN Gary T. Weisz.
- Corona: Mary Lou Harbour; Russell Little; Alvin E. Henderson; Bill E. Erickson; Joseph S. Mendiola; Edward Garcia; Jimmie I. Cash; Barry S. Todd.
- Superior Achievement
 - Systems Development (Code 30): Marko Afendykiw; John M. Boyle; Truman G. Bergman; John D. Creelius; William C. Griffin; Lynnwood Barker; Kenneth R. Foote; Inez I. Oaks; Diane M. Oney;

- Aviation Ordnance (Code 35): Joseph S. Brugler; George L. Craig; Robert D. Cunningham; William H. Woodworth; Lawrence W. Nichols; William B. McLean; Frances M. Parks; Sydney Shefler; Harold S. Duff; John H. Stevens; Douglas M. Turner; Donald G. Quist; Gaylon L. West.
- Weapons Development (Code 40): Truman G. Bergman; James E. Blair; Richard I. Jackson; William R. Bryant; William R. Nevins; Eddie G. Paulsen; Harold L. Dauer; Helen C. Cornett; Geraldine G. Berry; Mae Jeanne Gilbert; Stephanie A. Landau; Sharoll L. Moisan; Freddie J. Perry; Frank G. Crescenzo; William A. Gey; Armin T. Weibke; Richard S. Hughes; Irene D. McCaw; Betty A. Clary; Joseph A. Mosko; Jack A. Myers; Ronald C. Noles; Gary D. Ozunas; John L. Price; Roland W. Robbins; Charlie R. Rodgers; Roy W. Martin; Raymond E. Boss; John N. Sicra; Melvin J. Dull; Warren M. Erickson; Donald J. Jacks; Steward L. Thorne; R. E. Swallow; J. R. Miller; Charles B. Yancey.
- Propulsion Development (Code 45): Robert L. Dow; George B. Rice; Charles W. Falterman; Dino A. Sbrocca; William J. Griffith; Perry L. Fletcher; Martin H. Kaufman; J. D. Braun; Paul C. King; Harold M. Platzek; Lloyd H. Smith; Richard J. Zabelka; Kenneth G. Thorsted; Louis C. Renner; Joseph A. Schmidt; Ronald F. Vetter; Ethyl F. Wiebki.
- Engineering (Code 55): John W. Brittain; Alton P. Elder; Vincent J. Taylor; Stephen M. Griffiths; Otho E. Hart; Samuel A. Miller; Carl I. Peters, Jr.; Joseph D. Roberts.
- Research (Code 60): Harold E. Bennett.
- Public Works (Code 70): Harry F. Bird; James O. Randolph.
- Technical Information (Code 75): Donna M. Kaucher.
- Security (Code 84): James E. Grasswick.
- Corona: Karen L. Benoit; Sharon R. Woods; Howard L. Elder; Stanley J. Frasca; Agnes M. Dickens; Edna G. Allsup; Ann L. Matson; Elden R. Sandy; Paula D. Swisher; Rich-



HAIL AND FAREWELL—Capt. M. R. Etheridge, NWC Commander, left, is shown presenting a painting by Maxine Booty, entitled "Robber's Roost," to Capt. and Mrs. Robert Williamson II, outgoing NWC Executive Officer, at a no-host Hail and Farewell party at the Community Center, August 15. The reception, which also honored newly arrived Capt. and Mrs. John K. McConeghy, Jr., who replaced Capt. Williamson as NWC Executive Officer. Capt. Williamson will be reported to the USS Sperry as C.O.

ard S. Cunning. Harold R. Taves.

Outstanding Performance
Corona: Ann Osborne; Hilda J. Perkins; T. Burr Jackson; Kenneth L. Berns; Richard V. Talbot; Maxine J. Harper; Robert C. Fletcher; James L. Weblomoe; Anthony Louie; Edward Paul, Jr.; Roberta M. Lane; Sandra R. Walleen; Joe R. Arredondo; Peter Pedersen; Ceberiano R. Lopez; James K. Hall; Floyd E. Fender.

Sustained Superior Performance
Office of the Commander (Code 00): Haskell G. Wilson. Naval Air Facility (Code 18): Joseph L. Chesney; James C. Herman; Jack H. Kirkpatrick.

Safety (Code 22): Karsten S. Skaar; James Donnally. Supply (Code 25): Beulah B. Glidewell; Charles R. Bridges; Jack C. Crowson; George C. Halsey; Guy Horton; Keith H. Sorenson.

Systems Development (Code 30): Belmont Frisbee; Ilo J. Gilliland; Janice M. Jensen; Howard J. Viellenave, Carol H. Wilson; Cole R. Adams; Rafael C. Alvarado; Donald G. Ray;

Personnel (Code 65): Raymond A. Harrison. Public Works (Code 70): Mary P. Neufeld; Robert A. Owens; John Bacoeh, Jr.; Wilbur J. Beard; Fred L. Bennett; Joseph J. Benway; Lester P. Bolton; Malcolm C. Brown; Bernard R. Cavaliere; Neal D. Christensen; Joseph P. Clavet; J. T. D'Aronzio; J. B. Davenport; Jack E. Ducate; Donald D. Dunn; James F. Elliot; J. W. Even; Edward F. Galovic; George J. Grisham; A. R. Guercia; Anthony P. Guzzi; Kenneth L. Hendershot; Douglas R. Hooper, Jr.; Philip E. Hosmer; James M. Hughes; Ronald L. Hunsinger; John L. Irvin; Joseph A. Jaramillo; Clarence L. Jones; Clarence D. Lowe; Charles R. Mead; Clarence E. Miller; William E. Moory; Marlin C. Murray; Luther H. Orr; William H. Parks; George Perrige; Leonard A. Peterson; John J. Prazak; Gerald R. Ray; Gavin S. Robertson; John F. Robison; Charles W. Rock; Charlie Shields; Warren E. Specht; Lloyd L. Stair; Louis E. Steinhoff; Robert V. Udell; Lloyd E. Wall; Walter A. Wick; Robert J. Williams.

Command Administration (Code 85): Frank R. Klassen. Corona: Owen E. Belville; Andrew O. Sondrup; Robert P. Moore; Glenn I. Voran; Thelma A. Cunliffe; David A. Hull; Joseph S. Mendiola; Charles W. Overton; Helen M. Sorenson; Julius W. Dalley.

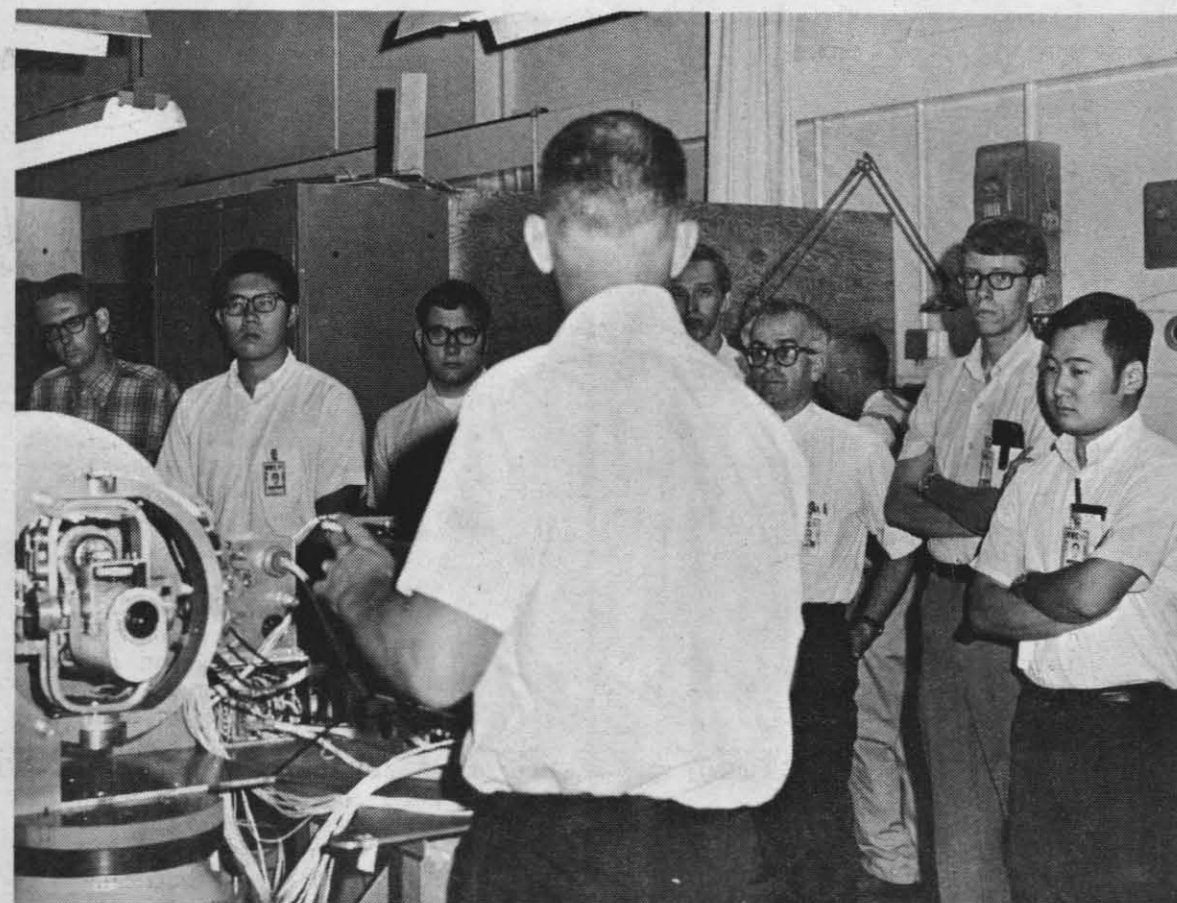


NEW OFFICER—Lt. (jg) Daniel S. Eilers reported to NAF recently to work in the Personnel Department. Lt. Eilers received his B.S. in Biology from the University of San Francisco prior to entering the Navy in January, 1968. He lists his hobby as skin diving. He and his wife, Sandy, have one son, Patrick, 6 months, and reside at 409-B Fowler on the Center.



QSI AWARDS—Mel Sorge (l), Head of Central Staff, presents Quality Step Increases to Albie Slay (c), Supervisor of Military Pay Section, and Bette Nicholson (r).





TOUR OF FACILITIES—New Junior Professionals in Code 35 were taken on a tour of the facilities recently. The two-day orientation acquainted the new professionals with the capabilities and facilities within

the department. Shown above are: left to right, G. Nazarov, A. Kim, D. Webster, L. Jenkins, Dr. E. Parks, M. Durham, and W. Tanaka. The instructor is Carl Burkey. The picture was taken at Hangar III.

Children Tour NWC Facilities Write Letters

Denny Kline, Technical Presentations Coordinator, recently conducted Mrs. Cheryl Thurm's fifth grade class at Vieweg School on a tour of "C" Range and Michelson Laboratory. The class was shown two films, "25 Years of Naval Weaponry," and a comic film, "Tough Sledding." The purpose of the tour was to give the children a better understanding of the Naval Weapons Center mission and some idea of the responsibilities of the Fleet pilots.

After climbing up the steep stairs in the tower, the fifth graders watched LCDr Dan Monger and LT Steve Werlock, both of VX-5, conduct tests on the range facilities.

Following the tests, both pilots made a pass by the tower so that the children might get a "close-up" look at the aircraft.

However, the highlight of the tour, at least for Kline, was the letters he received from the class a couple of days later. It was obvious that the entire class enjoyed the tour immensely, citing "Tough Sledding" as the film they enjoyed the most, and telling Kline how impressed they were with the way he conducted the tour. One little girl ended her letter with a P.S., "I think you are handsome."

Some of the more amusing comments from the youthful visitors were "I enjoyed the pilots, but I didn't come to have my ears blown off," and "The planes were a little bit what I was thinking of but not quite."

Our Fighting Men There were many references to our fighting men in Viet Nam, and patriotic feelings were expressed in such statements as, "I am glad to be an American. You probably are too." The same little girl wrote, "I am glad we have men fighting and firing in Viet Nam." A young boy added in a postscript, "Aren't you glad that we have fighting men like that in Viet Nam?"

Community Council Meets Aug. 12 Emery Returns From Washington

John Emery, President of the China Lake Community Council, has returned from his duties as NLO in Washington, D.C., and presided over the August 12 meeting of the Council.

Present at the meeting were Mrs. Esther Inouye, who resides at Precinct No. 1, and Mrs. Charlotte Paulsen, from Precinct No. 8. Mrs. Inouye was there regarding recent actions toward control of motorcycle activity in the housing areas. Mrs. Paulsen presented an award from the Porterville State Hospital to Emery, and also to Mayor Kenneth Smith of Ridgecrest, honoring the volunteer workers from the two communities.

The Housing and Community Improvements Committee is reactivating the Landlord/Tenant Relations Committee. This sub-committee will consist of Council members, Public Works representatives, a Central Staff member, and the Housing Administrator. A principal function of the group will be to bring about better communications between Center residents and management groups responsible for housing and housing maintenance.

In other action, the Services Committee reported that the China Lake Day Nursery School will move from its present location into two old dorms on Blandy across from the Personnel Building, early in the Fall. No date has been set as yet for the move.

Councilman T. Bergman, Precincts 1, 2 and 10, was asked to coordinate a group to study the possibility of having bike trails established for the use of family cyclists. In discussion regarding bicycles, motorcycles and their use on the Center, the Safe Driving Council stated that consideration is being given to the formulation of regulations to govern their use. This could consist of setting aside specific areas for the cyclists and defining those areas that would be off-limits.

Any resident who is interested in bicycle paths, and safe riding areas, is invited to contact Bergman at 446-7139 after 4:30 p.m.

The League of Women Voters has volunteered to hold a series of coffee klatches in

various areas on the Center to allow residents to become more acquainted with the Council members. Plans for the meetings will be publicized at a later date.

RESIGNATIONS

Lt. James Maslowski, Precincts 5 and 6, has resigned from the Community Council due to military obligations. Gerald Inman, Precincts 3 and 7, has also submitted his resignation. Residents of these Precincts who wish to serve on the Community Council, are asked to contact Mrs. Wardna A Bernathy, 446-2272, after 4:30. Interested persons must be over the age of 18.

Retired Officers Invited To Join Local ROA Chapter

More than 125 local residents eligible for membership in the Retired Officers Association received letters, accompanied by data sheets, from the Indian Wells Valley Chapter of that organization recently. The intention of the local chapter is to advise these persons of the advantages offered by membership in the ROA.

A questionnaire is included with the letter, and these will be kept on permanent file as a basis for future planning. The board of governors urges those who have received the questionnaires to reply as soon as possible, so that those who are interested in membership can be contacted in advance of the next meeting, which will be held Wednesday, September 17.

Although the form reads "Application for Membership," return of the completed form carries no obligation. However, those wishing to join may enclose the annual dues which will entitle the retired officer to all privileges of membership through the end of 1970.

This includes a franchise to vote for chapter officers for the coming year, and even to hold office themselves. Anyone enrolling at this time will be classed as a Charter Member.

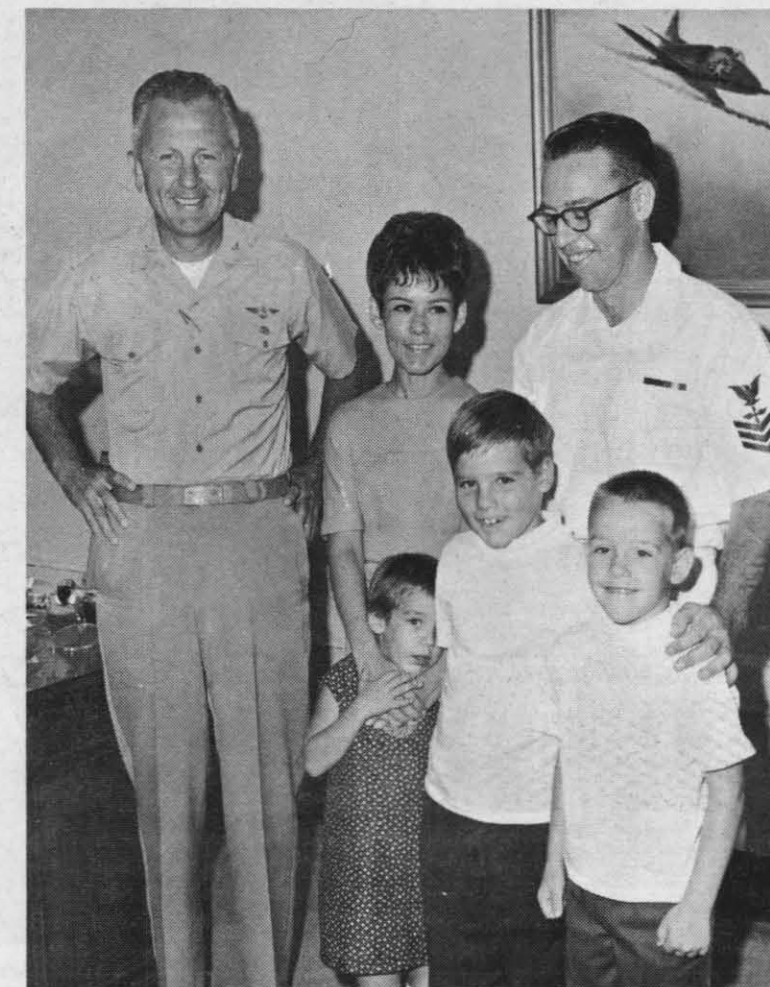


JOINT INSTALLATION—Gary Kraft, center, President-Elect of Fleet Reserve Association Branch 95, China Lake, is escorted to the podium to receive the oath of office at a joint installation held Sunday, July 26. The honor guard for the occasion consists of Bill Murray, left, of Imperial Beach Branch 289, and Al Waldecker, from Branch 133 in Bellflower.

Military Personnel Re-Enlistments Rampant At NWC



REENLISTMENTS — Above, top left, FTG-3 Lawrence J. Ibarra, currently attached to NWC from San Diego, is shown being congratulated by LCDr. C. M. Bates, Commanding Officer Enlisted Personnel. Ibarra's wife, Nancy, looks on. The couple reside at 396 8th St., in San Diego. Top right, The couple reside at 396 8th St., in San Diego. Top right, ADJ-1 Jimmie D. Hunt, his wife, Barbara, and three children, are shown in Capt. L. A. Dewing's office following Hunt's reenlistment. Hunt has 10 years service. He is presently attached to HS-3. Middle row, left, ACC B. Condon, Chief Air Traffic Controlman at NAF, is shown following ceremonies in Capt. Dewing's office. Mrs. Lillian Condon, and Condon's two sons, Daniel, 2, and Michael, 1, are shown, as



is Cdr. J. H. Robcke, NAF Executive Officer. Middle row, right, AE-1 David W. Reid, right, ships over for three more years. Capt. L. A. Dewing, Commanding Officer of NAF, performs the ceremony. Third row, left, ABH-1 William W. Moss is shown following ceremonies in Capt. Dewing's office August 8, as the 11-year veteran signed on for another hitch. The Cubi Pt., Philippines, native is shown with his wife, Mary. Moss will soon ship out to VP-4 in Barbers Point, Hawaii. Third row, right, AE-1 Norman E. Parks is shown being sworn-in for four more years by Capt. L. A. Dewing, Commanding Officer of NAF. Parks is a 17 year veteran.

First Storm Seeding Event In Five Years

(Continued from Page 1) by ESSA Satellite data.

OPERATIONS During seeding operations, behavior of the storm before and after seeding is monitored by Navy WC-121N aircraft and other aircraft operated by ESSA's Research Flight Facility in Miami.

Actual seeding is performed by A-6 (Intruder) aircraft that have been especially rigged to deliver the seeding units. The A-6's are controlled and vectored in and out of the seeding area by WC-121N aircraft that carry highly sophisticated radar and meteorological instrumentation aboard the aircraft.

"Chimney" Formed One of nature's most destructive storms, the hurricane draws its energy from convective overturning of the atmosphere. Warm, moist air spirals over the tropical seas toward the storm center and flows upward in a band of clouds ringing the calm eye. The inflowing air, already turning slowly with the rotation of the earth, gathers speed as it draws toward the storm center and produces winds of destructive violence before moving upward and away from the storm's core.

A relatively small cloud "chimney" near the hurricane's "eye" serves as the primary energy cell of the hurricane. It is this area of the storm that is the target for current seeding operations.

By seeding the cloudwall with silver iodide crystals, scientists hope to alter cloud conditions and upset the balances of forces near the eye, and cause a redistribution of the energy that is concentrated in that area of the storm.

Project Stormfury The seeding operations are part of a continuing program known as "Project Stormfury," which has as its objective the achievement of a better understanding of hurricanes, and to examine the possibilities of modifying and predicting the characteristics of this type of storm.

Overall responsibility for direction of the Project is in the hands of Dr. Robert M. White, ESSA Administrator, and Captain E. T. Harding, USN, Commander of the Naval Weather Service Command.

What do foreign visitors say about us when they go home? It depends upon the people they meet. One foreign visitor's warmest American memory might easily be you.



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