

SHOWBOAT

FRIDAY JANUARY 20
 "THE DEAD HEAT ON A MERRY-GO-ROUND" (107 Min.)
 James Coburn, Camilla Sparv, Aldo Ray
 7:00 P.M.

(Crime-Comedy/Drama in Color) Sick convict finagles a parole and proceeds to charm a bevy of beauties to get money to pull off a fantastic bank robbery. It's a high-powered, fast-moving thriller with fun galore. Watch Camilla! (Adult.)
 Short: "Trouble Indemnity" (7 Min.)

SATURDAY JANUARY 21
 "GERONIMO" (101 Min.)
 Chuck Connors
 1:00 P.M.

Shorts: "Leghorn Swaggled" (7 Min.)
 "Canadian Mounted No. 6" (13 Min.)

EVENING
 "STRANGE BEDFELLOWS" (98 Min.)
 Rock Hudson, Gina Lollobrigida
 7:00 P.M.

(Comedy in Color) Young oil executive has to reunite with his wife to obtain a big promotion, but she's a nut on kookie causes and another breakup results. So the boys rig up a wild story to get her back. Laugh with pretty Gina. (Adults, Mature Youth.)
 Short: "Birds of a Feather" (7 Min.)

SUNDAY-MONDAY JANUARY 22-23
 "BATMAN" (105 Min.)
 Adam West, Burt Ward, Lee Meriwether
 Sunday, 6 and 8:15 P.M.
 Monday, 7:00 P.M.

(Novelty in Color) Whom! Powl Sock! Four of the world's most monstrous villains pool their talents to try and rid it of our hero as they steal the deadly dehydrator that shrinks people to dust. Vanishing yachts and gadgets galore! (Adults, Youth, Children.)
 Short: "Hareless Wolf" (7 Min.)

TUESDAY-WEDNESDAY JANUARY 24-25
 "SMOKY" (104 Min.)
 Fess Parker, Diana Hyland, Katy Jurado
 7:00 P.M.

(Outdoor/Drama in Color) A roving horse-wrangler rounds up a wild stallion that the Rocking R's hands couldn't get and thereby lands a job breaking wild horses. A one-man bronco and his rough and tough master make a fine story. (Adults, Youth and Children.)
 Short: "The Lone Chipmunks" (7 Min.)

THURSDAY-FRIDAY JANUARY 26-27
 "FANTASTIC VOYAGE" (100 Min.)
 Stephen Boyd, Raquel Welch, Edmund O'Brien
 7:00 P.M.

(Science/Fiction in Color) The miniature detergent forces shrink men and equipment to microbe size and enter the bloodstream of an important scientist to repair brain damage. Inner space conquest of the human body is fantastic and NOTHING like you've EVER seen before. Extraordinary film of excitement. (Adults, Youth and Mature Children.)
 Short: "Pink Piston" (7 Min.)

Cosmetics: A device to keep a man from reading between the lines.

VX-5 Drill Team Gets First Place At Palmdale

Smiles were in evidence as 12 members of the VX-5 "Vampire" drill team were awarded 1st place in drill team competition December 10, at the 5th annual Christmas Parade in Palmdale, California. It was the first public appearance in several months for the newly reorganized team.

After just three weeks of practice, the hard-working squadron volunteers captured the admiration of the Palmdale Chamber of Commerce and the more than 20,000 viewers who turned out.

The unit is led by drillmaster and instructor YN2 William R. Dalmas. Officer in Charge of the team is Lt. Matt McCarthy.

Members of the team include AQB2 Mike Money, YN3 Nels Perry, AMH3 Greg Chitwood, AMS3 Ernie Smith, PN3 Fred Van Tassel, SN Dave Thomas, SN Prentis Lewis, SN Ron Kuehne, AA Frank Saville, AN John Malloy and CYN5A Jim Taylor.

NAF Loses Four Officers



BID FAREWELL — A recent party at the Hideaway in Ridgecrest honored four NAF officers and their wives who have received other duty assignments. From left to right, husbands in the back row, are CWO and

Mrs. William Bowen, LCdr. and Mrs. Jack Miner, LCdr. and Mrs. Dow Player, and Lt. and Mrs. Richard Karr. The wives are shown holding their coveted Order of the Dust Develettes. —Photo by PH1 Gary Bird

Policy Statement Issued by DOD On Conservation

Defense Department has underscored a policy of continuing efforts to wisely use the natural resources in the more than 27 million acres of land under DOD control.

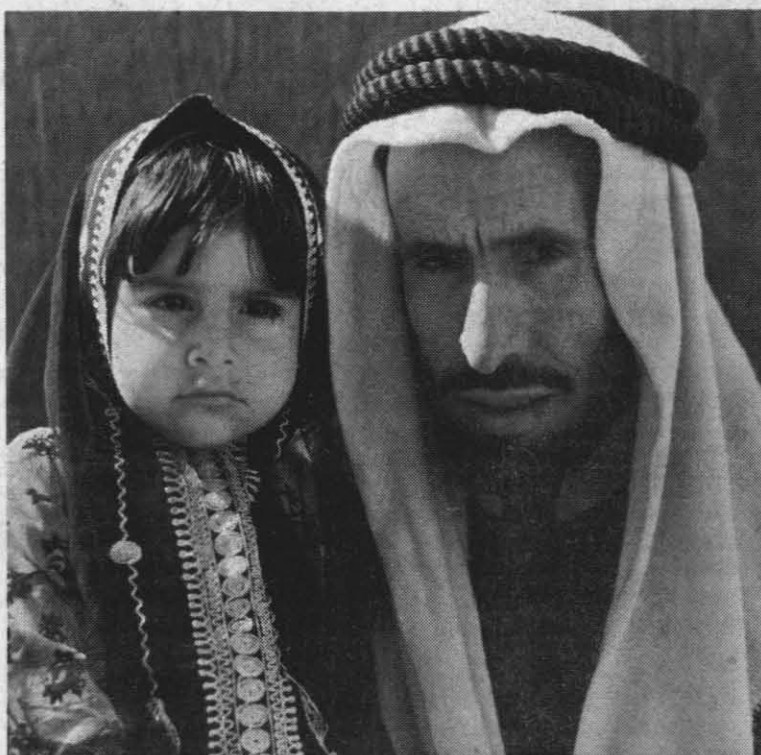
The policy statement was made in late October to mark the 10th anniversary of DOD's natural resources conservation management program.

First policy directive entitled "Hunting and Fishing on Military Reservations" was issued Oct. 3, 1956. Since then the program has been expanded to include fish and wildlife, forestry, pollution control, soil and water, outdoor recreation and natural beauty.

Today's DOD natural resources program is also one in which the military commander closely cooperates with Federal, State and local and private conservation organizations, as about 17 million acres of land under military administration are in multiple use management programs.

Nurses Will Hear Talk on Wounds

Registered nurses of the Indian Wells Valley are invited to hear a talk by Dr. Robert Hamblin on "Care of Wounds" Monday evening at the Drummond Medical Center at 7:30.



PRINT-OF-THE-MONTH by B. E. Brown, member of the China Lake Photographic Society was made with a Kodak Medalist at 1/25 second, f.8 aperture. The portrait of the Chief of Police, Saudi Arabia, and his daughter was made in bright sunlight with reflected light bounced into the shadows. A straight print was made from an Ansco Supreme negative.

STATION LIBRARY LISTS NEW BOOKS

A complete list of new books is available in the library.

- Fiction**
 Anderson—Ensign Flandry.
 McBain—Eight Million Eyes.
 Mason—Wild Horizon.
 Powell—Don Quixote, U.S.A.
- Non-Fiction**
 Blum—The Promise of America.
 Byrne—Modern Elementary Mathematics.
 Donn—Meteorology.
 Fenwick—International Law.
- Green—New Creative Print Making.**
 Hildreth—Introduction to the Gifted.
 Kamerman—Blue Ribbon Plays for Girls.
 Kornfeld—Doubleday Book of Interior Decorating.
 MacFarland—Introduction to Modern Gunsmithing.
 Neuchterlein—Thailand and the Struggle for Southeast Asia.
 Statesman's Year-Book 1966-67.
 von Frisch—Biology.

From _____

TO _____

PLACE STAMP HERE

HM1 James L. Brower Chosen Bluejacket of Month in January



Vol. XXII, No. 3 Naval Ordnance Test Station, China Lake, California Fri., Jan. 20, 1967

Pursues Learning In College Class At Desert Home

HM1 James L. Brower, in his 16 months of outstanding work in the Station Hospital Laboratory, has shown the rigorous habits of professional development to such a degree that he has won a weekend on the town in Bakersfield next week as NOTS' "Bluejacket-of-the-Month."

Off-duty time provides the January, 1967, "Bluejacket" with an opportunity to extend his training beyond his profession. HM1 Brower, a registered technician with American Medical Technologists, recently completed a course in business law at the Bakersfield College Desert Division's evening program.

Jim Brower is the Senior Technician at Station Hospital's lab and received his professional training at Basic Hospital Corps School and Blood Bank — Clinical Laboratory School. He came to NOTS in August, 1965, from duty aboard the USNS General E. D. Patrick, where he was Laboratory and Pharmacy Technician.

Native of Indiana

Jim, a native of Indianapolis, Indiana, is the head of a family on wheels, in common with many in the Indian Wells Valley. With his wife Jeannie and daughters Penny, 6, and Pammy, 4, he makes his home in a 10 by 55-foot mobile home in the China Lake Trailer Park, Ridgecrest, and rides to work at the Station Hospital each morning on a lightweight motorcycle, leaving the car with his family.

Fishing the nearby Kern Valley is one of Jim's favorite relaxations, and his family joins him occasionally in sight-seeing and camping. Jim is another of his recreational skills.



BLUEJACKET CONDUCTS TRAINING — Can't get away from it. At his duty as chief laboratory technician at the Station Hospital, January's Bluejacket of the Month, HM1 James L. Brower, also trains technicians. Here at his mobile home in Ridgecrest, Jim introduces his daughter Penny to the intricacies of his motorcycle. His wife Jeannie holds another daughter Pammy in one hand and his safety helmet in the other.

Next Friday, January 27, the Chamber of Commerce in Bakersfield will welcome the Browns to their city for the weekend. On arriving there, they'll pick up a new car from Van Wyk's Volkswagen agency to drive during their stay.

Members of the Chamber will meet them with a hospitality packet of gift certificates from participating merchants, and they'll check in at the Wonderlodge for their visit.

Jim Brower will be featured Friday evening on KERO TV, Channel 23, and KBK TV, Channel 29, for his selection as Bluejacket-of-the-Month.

Dr. Nils Nilsson To Give Talk On Pattern Problems

Dr. Nils J. Nilsson, Head, Artificial Intelligence Group, Applied Physics Laboratory, Stanford Research Institute, will be on the Station Tuesday, January 24, to present a lecture on Trainable Pattern Classifying Machines.

This lecture, which will be held at 9:30 a.m. at the Community Center, is the fourth of a series in the area of computer sciences being planned as a joint effort by the Office of Naval Research, the Naval Ordnance Systems Command, and the Naval Ordnance Test Station.

During his lecture, Dr. Nilsson will discuss several prominent pattern-recognition techniques, which will be examined and compared. These techniques include parametric and non-parametric statistical decision methods, adaptive or learning methods exploiting the knowledge gained from recent biological research.

Emphasis will be given to those techniques currently under intensive study in the Artificial Intelligence Group at Stanford Research Institute. Results of recent experiments applying these methods to the recognition of hand-printed characters will be presented.

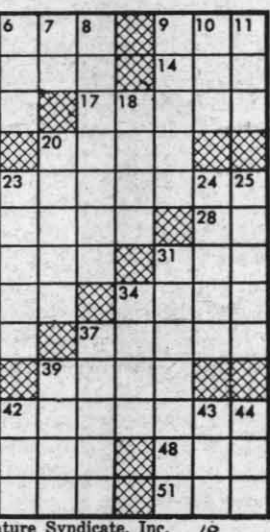


TOASTMASTERS INSTALL OFFICERS — Area 4 Governor Jud Eldridge presents the gavel to Lt. John Rathbone (center right), newly elected president of the China Lake Toastmasters Club No. 853. Attending are new officers (l-r) treasurer Herb Hewston, past president John Ward, secretary Roger Crutchfield, educational VP Lt. Jim Simon, sergeant-at-arms Dick Brophy and administrative VP Al Blackmon. The Toastmasters meet weekly on Thursday evenings at the Officers Club at 6:00, and invite anyone interested in furthering his ability to speak on his feet through a planned program of development to attend. —Photo by PH3 J. G. Willey

CROSSWORD PUZZLE

- ACROSS
- 1-Crony (colloq.)
 - 4-Dries by rubbing
 - 9-Toll
 - 12-Time gone by
 - 13-Perfection
 - 14-Base
 - 15-Falls back
 - 17-Make amends
 - 19-The sweetsop
 - 20-Former Russian ruler
 - 21-Surgical thread
 - 23-Scalps
 - 26-Solar disk
 - 27-Jury list
 - 28-College degree (abbr.)
 - 29-Public vehicle (colloq.)
 - 30-Separates
 - 31-Container
 - 32-Man's nickname
 - 33-Is defeated
 - 34-Shallow vessels
 - 35-Rumors
 - 37-Pocketbook
 - 38-Poker stake
 - 39-Rudely concise
 - 40-Room
 - 42-Free-flowing aircraft
 - 45-Grain
 - 46-Lift
 - 48-Room in harem
 - 49-Bitter vetch
 - 50-Settles
 - 51-Openwork fabric
- DOWN
- 1-Equality
 - 2-Mature

Answer to Previous Puzzle



Distr. by United Feature Syndicate, Inc. 1/8

For Use In Authorized Service Newspapers Only.



NATIONAL EMBLEM CLUB PRESIDENT, Mrs. Julia Caprio (seated third from left) from Nashua, New Hampshire, was a guest aboard the Station last Monday morning with several other National Emblem Club officers. Accompanying Mrs. Caprio on the tour were also officers and members of the Ridgecrest Emblem Club whom she had installed on Sunday afternoon. The National group left here to visit other Emblem Clubs in California, Alaska and Hawaii. Seated

(l-r) are Helen Morehead, Glendale; Jeanene Swaggerty, Glendale; Julia Caprio, Anita Kelso, Dorothy Babbitt, Compton; and Margaret Beck, Long Beach. Standing (l-r) are Rita McNew, Ridgecrest; Billie Craven, Ridgecrest; Dorcille Kafer, Ridgecrest; Beulah Glidewell, Ridgecrest; Aline Schad, Ridgecrest; Thelma a Sweany, Ridgecrest; Thelma Sousa, Big Bear; and Dorothy Miller, Glendora.

—Photo by PH1 Gary Bird

Gem Treasures To Be Featured

Norman Dawson, the owner of four mines in the Pala District of San Diego County, will speak at the Monday, January 23, meeting of the Indian Wells Gem and Mineral Society.

He draws his material for the discussion of "crystals from pegmatites" from his travels and from his four mines, the White Queen, the Vandenburg, El Molino and the Fargo, located in the richest gem-producing area in the United States. He also has a lease on the Emeraldite mine on Mt. Palomar.

Dawson will illustrate his talk with pictures and with his personal collection of gem crystals from his own and other famous deposits. Those who have seen his collection rate it as one of the finest in the world. The crystals include, among others, emeralds, topaz, morganite, kunzite and a recent find of strikingly beautiful rhodochrosite crystals from Colorado.

The meeting of the local Rock Club will be an opportunity for members and their guests to view and hear about some of the finest gems produced in this country from a man who has been there and mined them himself.

Books Concerning Photography Are Now at Library

The Station Library has a large selection of books dealing with all phases of photography and all types of cameras — from composing the shot through developing and enlarging. There is something for everyone from the beginning amateur to the pro.

"The Complete Photographer," by Andreas Feininger, and "Your Guide to Photography," by Helen F. Bruce have recently been added to the collection.

For up to the minute information on cameras and techniques there is the periodical "Popular Photography." Back issues are kept on file for two years, and may be checked out for one week.

Small Boat Class Offered Saturday

Thirty nine people attended the first Basic Boating Class of the China Lake Boat Club yesterday, according to Mrs. Blanche Adams, program chairman for the club.

"At our next class, tomorrow, we will cover California Boating Law and Safe Motorboat Handling, starting at 7:30," she said. "The organization of our society from a primarily rural existence to an urban."

The books for the class are expected to arrive in time for distribution by the Saturday Boat Club meeting. Free copies of the California Boating Law will be available.

Registration For Spring Semester At Desert College

Open registration for spring semester courses will begin at the Desert Division of Bakersfield College on Monday, January 23, at 5 p.m. Students may register for courses between 5 p.m. and 9 p.m. Monday through Thursday, and from 8 a.m. until 4:30 p.m. on Friday, January 27.

Spring semester class instruction begins January 30. The college offices and classrooms are located in new buildings on the Burroughs High School campus in Ridgecrest. Schedules of classes are available at many businesses and offices in the community as well as in the college office. Students should telephone 375-2348 for further information.

Registration Streamlined

Richard A. Jones, Dean of the Desert Division, said that efforts have been made to streamline the registration process. Most students will be able to complete registration in as little time as it will take them to complete their necessary forms and to check out. For students who know what courses they are to take and are qualified to take them, the registration process should be completed in one-half hour, he said.

The offerings of the Desert Division this spring include an expanded day program and the traditional evening program of lower division transfer courses as well as vocational-technical and adult education courses. The Desert Division is full-accredited.

Some Classes May Close

Although some late registration in certain courses may be allowed until February 10 under extenuating circumstances, Dean Jones explained that it would be to a student's benefit to register prior to the beginning of a course. Some classes will have to be closed because of heavy demand.



YEARS OF SERVICE — Receiving five and 10-year NOTS pins this week in Code 30 were (l-r, front) William L. Underwood, Eula M. Savage, L. Joy Harrelson, Eleanor V. Manos and (middle row) George J. Oster-

mann, Howard J. Hirschy, Robert D. Coleman, Richard K. Miller and Maxine J. Boly and (rear) Alan K. Sorensen, Ralph W. Middleton, Leonard G. Terral, Kelly G. Skinner and Gary L. Kvammen.

Terms Will Expire For Two Members Of School Board

Terms of office of two members of the board of trustees of the China Lake Elementary School District, will expire at the end of the current school year. They are Donald Stoffel, who now serves the China Lake School Board as clerk and Robert Gilkinson, who serves presently as member of the board. Mr. Gilkinson has decided not to seek re-election to the board post and Mr. Stoffel is undecided at this time.

Voters are reminded that February 23 is the last day to register to be able to vote in this election. Voters should reregister if they have moved from one precinct to another within Kern County; failed to vote at the November General Election; and did not have their registration restored or have changed their names.



TOP WORKERS — Awards for quality step increase went this week to the following Code 30 people: Front (l-r) William Cowan, Maxine W. Watson, Shirley M. Mitchell and Clarence B. Stringham. Center (l-r) John

E. Weber, Richard W. Murphy, Thomas A. Hamilton, James G. Rickhoff and George G. Silberberg. Back row (l-r) Alan K. Sorensen, John S. Ward, William T. Zinn, Arthur E. Cott and Robert G. Ellinswood.

Cycle Helmet Order, Safety Program Near

Safety helmets for enlisted Navy motorcycle riders on Station are strongly advised by ComEleven and NOTS, a representative of the Safety Department noted this week. He added that steps are now being taken to query the civilian complement of China Lake about the desirability of extending the requirement to all Lakers.

A recent NOTS Notice, dated December 22, 1966, urged all Lakers who ride the two-wheelers to wear tested and approved safety helmets, and informed military personnel of a "future requirement for the wearing of helmets and of the availability of helmets through the local Navy Exchange."

LCdr. E. F. Mouton, Navy Exchange Officer, points out that Bucu brand safety helmets have been on sale at the Exchange since the last week of December. This is one of several brands tested and approved by the American Standards Association (ASA) and the Snell Memorial Foundation, it also carries the O.K. of the American Motorcycle Association.

Program Shaping Up

PNC Eugene P. Rosellini, a member of the China Lake Community Council Board of Directors and its liaison with Safety Department and Com-

mand on the matter, said that to study the matter and sample the opinion of civilian cyclists on Station.

Further developments in the rising current of interest in motorcycle safety at NOTS include plans in the development stage for launching a "full-dress" motorcycle instruction and information program. The Safety Department is studying the form such a program might take. Members of the local Sandblasters Motorcycle Club, a dirt-riding and competition outfit, have been contacted and they have offered their assistance, should such a program be started.

The Safety Department here offers a list of helmets approved by the ASA and Snell.

Model	Maker
X-60, A-3	AGV
	Via XII Settembre, 10
	Valenza, Italy
R-8	Arai Hironaka Shoten Co., Ltd.
	12 Azuma-Cho 2-Come
	Ohmiya, Saitama, Japan
Magnum, 500-TX	Bell-Toptex, Inc.
Ski	2850 E. 29th Street
Kompac, Sharty	Long Beach, Calif.
SD-10	Bill Jack Company
	Solano Beach, California
Buco "Resistol"	Joseph Buegeleisen Co.
"Sportsman"	21220 W. Eight Mile Road
	Southfield, Michigan
Everski SK-724D	Farain Industries
Everski SK-725S	3509 Kipling Road
	Boise, Idaho
Cromwell	Helmet, Ltd.
"Silverstone"	Wheatthamstead,
	Herts, England



DAVID H. CHAPMAN



FREDERICK M. NATHAN



FREDERICK H. WEALS

New COM Board Members Elected

During the annual meeting of members of the COM, three new members were elected to the Advisory Board.

David Chapman was re-elected and Fred Nathan and Fred Weals were also elected to two year terms. Other elect-

ed members of the Board, carrying over from 1966, are Cdr. Robcke, Ed Romero and M. B. Sorge. Appointed members are LCdr. Buc, NAF, LCdr. Keely VX-5, Jackie Novatney, Bill Baker and Roy Williams, representing the EDR, and Wilma Grozier of WACOM. LCdr. Rue-

se has been appointed to replace Cdr. Snyder as Mess Liaison Officer.

Members of the Mess are encouraged to discuss ideas for improvement with any of the above Advisory Board Members.



DEPUTIES HEAR DUTIES — Some 50 new special deputies are addressed by Kern County Sheriff Charles H. Dodge (left) after he swore them in at the County Building in Ridgecrest last week. These deputies are members of the China Lake Mountain Res-

cue Group, the Sheriff's Aero Squadron and the Sheriff's Ground Search and Rescue Group, according to Deputy Sheriff Don Glennon. They are in addition to another group of 50 China Lakers sworn in as special deputies at Security Dept. last week.

Burroughs High Final Exams To Start Wed.

First semester final examinations will be held at Burroughs High School on January 25, 26, and 27. A minimum day schedule will be on the above dates with students dismissed at 12:25 p.m.

On Wednesday, first and second period classes will be tested with third and fourth period classes following on Thursday, and fifth and sixth period classes on Friday.

The schedule each day will be tests from 8:25 a.m. to 10:15 a.m., a snack break from 10:15 a.m. until 10:35 a.m. and another test from 10:35 a.m. until dismissal time at 12:25 p.m.

Senior students who have an average grade of "B" or better for the semester in a subject may be excused from the examination at the discretion of their teachers.



HAPPY BIRTHDAY — At the presentation of Navy Relief pins at the Military Wives luncheon Tuesday, Jan. 17, Capt. John I. Hardy, ComNOTS, and Jeanne Robcke, chairman of Navy Relief interviewers, were honored with a surprise birthday cake and gifts. Jeanne's birthday was on the same day, and Capt. Hardy will celebrate his tomorrow. Ages were not readily available.



TICKETS FOR HER BOSS — Mary Neufeld, Chairman for the Third Annual Bosses' Night of the China Lake Business and Professional Women's Club, presents tickets to her Boss, Capt. H. J. Hartman. The affair will be held on January 24 at the Community Center, with a social hour at 6:30 p.m. and dinner at 7:30 p.m. Members, bosses, and guests are urged to attend. Tickets are available from Mrs. Neufeld or Mrs. Margaret Craig.

NOTS Pasadena

VIRGINIA E. LIBBY — EXT. 638

Capt. Lowe On ASO Board Of Directors

Captain G. H. Lowe, Officer in Charge, NOTS Pasadena, has been named to the Board of Directors of the newly established Pacific area chapter of the American Society for Oceanography at Long Beach, California.

The new ASO group was founded by a group of more than 30 California government, business, education, science and community leaders in a meeting held in the Port of Long Beach Administration Bldg.

Elected president of the chapter was J. S. Russell, president of THUMS Long Beach Co., a combine of Texaco, Humble, Union, Mobil and Shell oil companies which is the field contractor for the East Wilmington Oil Field.

Other officers are Dr. Andreas B. Rechnitzer, chief of Ocean Sciences, Ocean Systems Operations, North American Aviation, Inc.; first vice president; Dr. Russell Riese, Office of the Chancellor, California State Colleges, second vice president; Louis F. Jobst, Jr., manager of Marine Development, City and Port of Long Beach and Ernest LaBelle, assistant general manager of the Chamber of Commerce, co-secretaries.

The office of treasurer and a third vice president were left open for future selections.

Founded in 1965, the American Society for Oceanography, has already organized large chapters at both Houston and New Orleans.

Established to advance the cause of ocean sciences and the development of ocean resources and potential, OSO aims for a broad public participation including any citizen interested in this field.

The Pacific chapter plans to implement programs for youth interested in the sea and in ocean science and industry careers.

The Long Beach organizational meeting also adopted a set of by-laws, made formal application to the national organization for a charter and seated a 30-man Board of Directors.

Plans call for a further expansion of the Board of Directors and the establishment of an Advisory Board.

The Pacific area chapter, which encompasses the entire U.S. Pacific seaboard, Alaska, Hawaii, Arizona and Nevada, plans to hold its first general membership meeting February 21 during the 2nd Offshore Exploration Conference at Long Beach.

Lt. H. G. Walker, Lt. L. J. Tritz Complete NOTS Tour of Duty



FAREWELL — Lt. H. G. Walker, Operations Officer, and Lt. L. J. Tritz, Sea Operations Officer, are honored guests at their farewell luncheon last week. (l-r) Lt. Walker, Mrs. Walker, Capt. Lowe, OinC, NOTS Pasadena; Mrs. Tritz and Lt. Tritz. —Photo by PH2 Ralph Robey

Lt. H. G. Walker, Operations Officer and Lt. L. J. Tritz, Sea Operations Officer, were feted at a farewell luncheon last week prior to the termination of their NOTS tour of duty.

Lt. Walker will report to the USS Markab (AR-23) as Operations Officer and Navigator. His replacement at NOTS is Lt. Douglas S. Milne who has served as Assistant Sea Operations Officer at Long Beach since September, 1966.

Previous to joining NOTS in January, 1965, Lt. Walker was Communications Officer with the Fleet Training Group, U.S. Naval Base, Guantanamo Bay, Cuba. He entered the service in July, 1944, and received his commission in January, 1960.

He attended the University of Tulsa.

Lt. Walker and his wife, Marilyn, have two children — Jill and Mark.

Lt. Tritz has been the Sea Operations Officer at NOTS Long Beach facility since January, 1964. He leaves for duty in the Engineering Department aboard the USS Bennington (CVS-20). Previous to NOTS, he served as Main Propulsion Assistant aboard the USS Princeton.

A native of Iowa, he enlisted in the Navy in Los Angeles in 1946. He received his commission in June, 1960.

Lt. Tritz and his wife, Theresa, have three children — Diane, Michael and Patrick.



JACK S. RUSSELL, President of THUMS Long Beach Co., shows Captain G. H. Lowe, Officer in Charge, NOTS Pasadena, the company's plans for oil drilling in the Long

Beach area. Russell has been elected president of the new Pacific Chapter of the American Society for Oceanography. Capt. Lowe is on the ASO Board of Directors.



HOSTED by W. E. Hicks, Associate Head, Underwater Ordnance Department, the Mobile Sonar Technology Committee held a two-day session here last week to review the ASW Weapon System Program, Sonaray. Left to right (front row) R. Hasse, Navy Underwater Sound Laboratory, New London, Connecticut; Dr. H. Saxton, Naval Research Laboratory, Washington, D.C.; C. Smith and

G. Stohrer, Ship Systems Command, Washington, D.C.; I. Cook, David Taylor Model Basin, Washington, D.C. (Back row) Hicks, S. Peterson, NUSL; Dr. W. Morgan, DTMB; T. Bly, TRACOR, Inc., Maryland; and Dr. J. Stewart, Navy Electronics Laboratory, San Diego, Calif. Also attending from NEL, San Diego, but not present for photo was Dr. D. Andrews.

Quiet Five Cliffhanging

BY RAY HANSON

The Quiet Five should receive a special Pearl White award for cliffhanging from week to week. In the old silent serial, Pearl would end each episode hanging by a weed from the face of a cliff, trying to untie herself in the face of an oncoming train, or gazing in terror at an approaching buzz-saw blade. Of course, the following week she would ingeniously manage to extricate herself from certain doom.

Well, the Quiet Five are much the same. They hold a skinny two-game lead in the NOTS bowling league. As of the 16th week, the Five owned a 38-26 won-lost mark.

The second - place WhatNOTS were at 36-28, the third-place Low Bowls had a 35.5-28.5 record, and fourth place was a dead heat between Milit's Marauders and the Xclusives,



MORT HEINRICH, Head of the Torpedo Operations Branch (l), discusses a project of mutual interest with R. E. Hotchkis and E. C. Durrance, Engineers from the Royal Australian Navy Torpedo Establishment, North Sydney, Australia.

both at 35-29. Quiet Five personnel are Yvonne Benson, Gloria and Lloyd Hagnas, George Jackson, and Don Holyoke. Of course, with five teams fighting for shelter under a measly three-game blanket, it's anybody's league.

High scores for the 16th week are as follows: team series, Cy's Cynics, 2987; team game, Donald's Ducks, 1059; men's series, Al Lammens, 720; men's game, Al Gaghagen, 259; women's series, Pat Preston, 630; women's game, Ruth Neff, 225.

EDITORIAL

A More Perfect Union . . .

THE Constitution of the United States, which we are sworn "... to support and defend..." by our oath of enlistment or office, is one of the most remarkable and influential documents in the history of the world.

Brief, as constitutions go, and incorporating only general provisions for the establishment and conduct of government, it has not only survived wars, depressions and political changes, but has had a profound influence on the entire course of history and the peoples of the world.

In other lands, it has often been not only the inspiration, but the example for establishment of constitutional government and recognition of individual rights and dignity.

In our own country, it has carried us from an experiment in democracy by 13 states to the position of the most economically and industrially powerful democratic nation in the world.



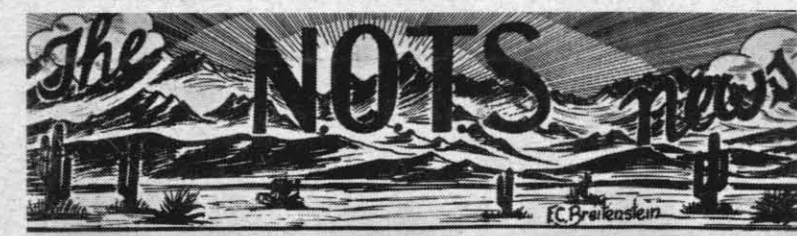
By the very nature of its brevity and general terminology, the Constitution of the United States has proven to be more flexible and durable than even its most optimistic framers might have hoped.

With remarkably few amendments or changes, the basic Constitutional framework has remained unchanged since it was signed Sept. 17, 1787 and finally ratified June 21, 1788.

The three co-equal branches of government, established by the framers of the Constitution, remain; each with powers, but with built-in restraints on those powers; each with powers to check the actions of the other two branches.

The powers and the system of checks and balances set forth in the Constitution have, for nearly 200 years, provided the continuity, vitality and flexibility which have served to preserve and strengthen our nation.

As members of the Armed Forces, we are guardians of a system and theory unequalled as the most influential and enlightened political concept in the history of mankind. (AFNB)



REAR ADMIRALS COMBS AND BRUNS FAVORABLY IMPRESSED ON N.O.T.S. INSPECTION TOUR



Receiving from left to right: Rear Admiral H. B. Combs, Captain S. E. Burroughs, Jr., Rear Admiral H. F. Bruns. "Very favorably impressed" was Rear Admiral H. B. Combs' remark on his first visit to the Naval Ordnance Test Station at Inyokern, recently. Rear Admiral Combs, Assistant Chief of the Bureau of Yards and Docks, recently returned from a 32000 mile tour of the Pacific War Zone where it is said that he had at least one meal with every C.B. Battalion in that theater. Rear Admiral H. F. Bruns, Superintending Civil Engineer Area Six, who is a frequent visitor to the station, also made favorable comments on its progress. Rear Admirals Combs and Bruns were entertained at dinner by Comdr. Rockwell. Guests included Captain Burroughs, Captain Moeller, CEC,USN, of the Bureau of Yards and Docks, CEC officers attached to this station and officers of Comdr. Rockwell's staff.

AN OLD TIMER—Those who have been on the Station over 20 years may remember this early issue of the NOTS News, fore-runner of the Rocketeer. This copy, dated March 6, 1945, was dug out of some old files of Sidney R. "Gunner" Stanley, Mechanical Engineer Technician. Stanley came to NOTS in 1944 as Assistant Magazine Officer.

NOTS INVENTORS GET PATENTS

CWO William D. Bowen on December 20, was the first military personnel at NOTS to receive a cash award under SecNAV Instruction of April 27, 1966 which extended incentive award recognition to include inventions made by personnel serving in the Navy in addition to civilian employees.

his "Protective Headgear" and "Spring Action Wheel Chock" both of which he invented while stationed aboard the aircraft carrier WASP then under the command of Captain J. I. Hardy. The Captain, incidentally, presented Bowen with the original Letters Patent and a check for \$200, representing his contribution to

the Government patent position.

Due to circumstances under which the inventions were made, the Government permitted Bowen to retain title and both the headgear and wheel chock have been licensed to potential manufacturers.

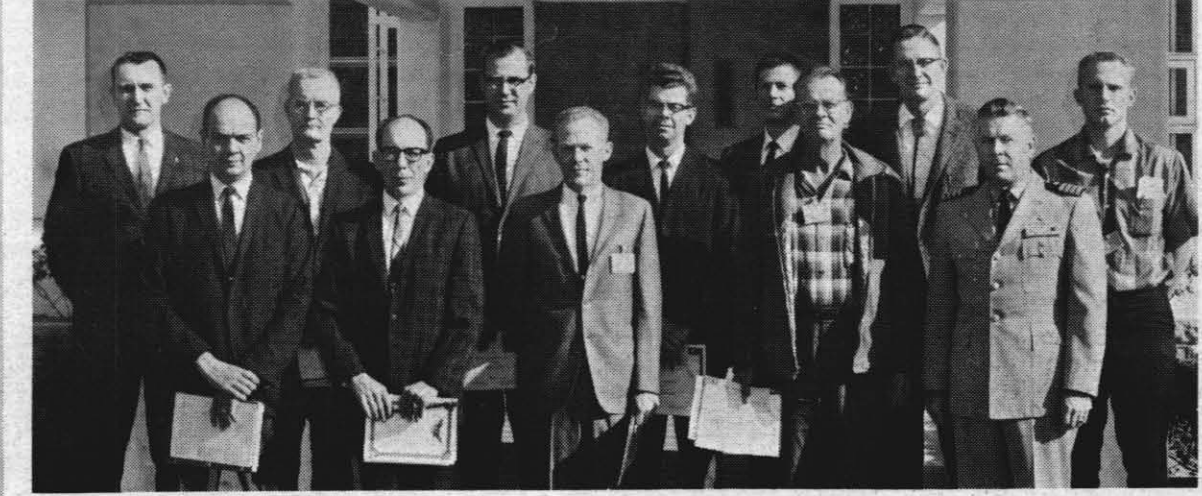
Shown below are other recent NOTS patent awardees.



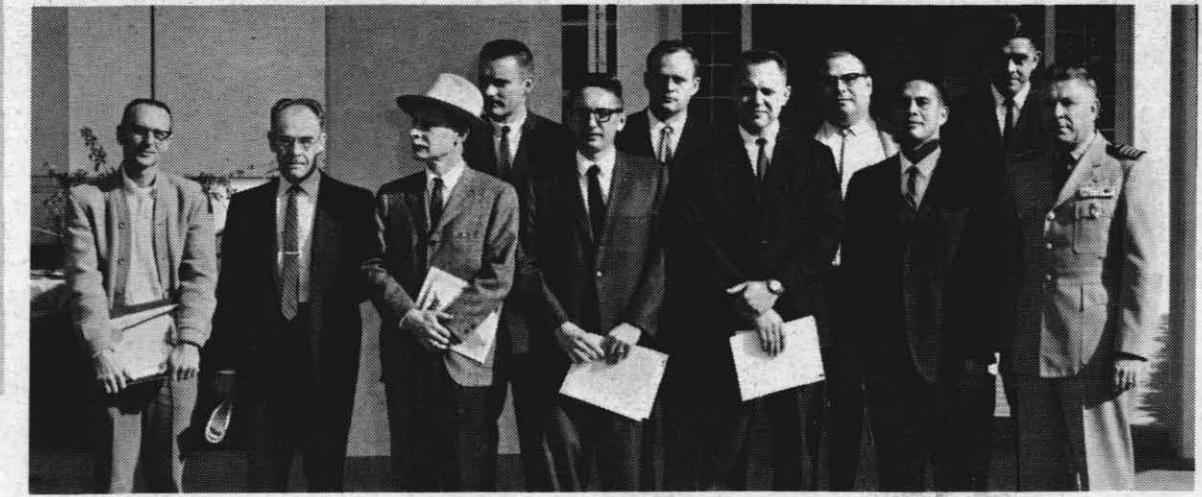
PATENT AWARDEES — With Capt. J. I. Hardy, ComNOTS, at patent presentation are (l-r) CWO William D. Bowen, Lloyd Holt, Harry Myers, Otho E. Hart, Dr. Finnegan, Dr. Burkardt and Harry Devereaux. —Photo by PH1 G. D. Bird



FOR INVENTIONS — Recipients of patent awards are (l-r, front) Roy Miller, Nathan Sippel, Leroy Krzycki, Horace Stanton, Armin T. Wiebke and (back row) Dr. Martin Kaufman, A. T. Robinson, John O'Drobinak, Herman J. Hoffman, William A. Gey and Cecil Glass. —Photo by PH1 G. D. Bird



AT CEREMONY —Inventors with their patent awards are (l-r, front) Sydney Shefler, Paul Driver, Earl Donaldson, Ralph Dietz and (back row) E. Mel Bens, David Kermond, James Oestreich, Robert Fowler, Carl Morley, Dr. Harold Bennett and Joseph J. Boyajian. Awardees represent all areas of NOTS research and development.



RECEIVE CERTIFICATES — Receiving patent certificates are (l-r, front) Robert E. Atkinson, Horace L. Newkirk, Dr. W. R. Haseltine, Lawrence M. Biggs, Jr., Jack A. Myers, Clayton Panlaqui and (back row) D. Jack Russell, Paul Cordle, Frank Crescenzo and Robert L. Dow, at the NOTS Administration Bldg. presentation.

CHAPLAIN'S MESSAGE



Holy Habits

By Senior Chaplain Paul Romantum

We are always looking for prescriptions to a happy Christian life. As bad habits are a detriment to our physical well being so holy habits can be the basis of wholesome spiritual living. Ralph S. Cushman suggests the following "Holy Habits" to any person who would seek his advice on Christian living. Those who have cultivated these "holy habits" will find in them a deep source of strength for spiritual living.

- 1) Establish the habit of keeping holy some portion of each day for prayer and Bible reading. A good time for this would be the beginning of each day so make it your first business.
- 2) Make the habit of giving a definite proportion of your time every week in special service to your fellow men. Seek to know the needs of your fellow man in the name of Christ and his Church.
- 3) Make attendance at Christian Worship a fixed habit in your life. You need the fellowship of other believers to grow in grace and understanding of God. Allow yourself no excuses for non-attendance which you would not give to a close friend when you have missed an appointment.
- 4) Be serious in forming the habit of accepting every opportunity to receive the Sacrament of Holy Communion. Christ our Lord is present in Communion for he says, "I am the bread of life."
- 5) Establish the very important habit of setting apart a definite proportion of your income for the work of the Kingdom of God. Try making it the first draft on your income and set it aside with prayer as unto God.

This is an excellent thermometer for the marking of the temperature of your spiritual life. Much of Jesus teachings were devoted to the wise use of our income which is a trust from God.

Honored for Navy Relief Work



FOR SERVICE — Navy Relief pins were presented to six Navy wives by Capt. John I. Hardy (left) and Chaplain Paul Romantum (right) this week. Honored for their service were (l-r) Joan Bustard (100 hrs), Priscilla Walsh (100 hrs), Amy Hartman (600 hrs), Kathy Mehrman (100 hrs), Valorie Rathbone (600 hrs), and June Gilbertson (100 hrs).

The Rocketeer

Official Weekly Publication of the U. S. Naval Ordnance Test Station China Lake, California
 Capt. John I. Hardy, USN Station Commander
 "J." Bibby Public Affairs Officer
 Joan Raber News Bureau
 Frederick L. Richards Editor
 Staff Writers: David L. Kinsey, John R. McCabe
 Staff Photographers: PH1 Jerry Williams, PH1 David W. Hobbs, PH1 Gary D. Bird, PH3 Jerry Willey, SA Michael R. Reid, and PH2 Ralph Robey, (Pasadena).



DIVINE SERVICES

Christian Science (Chapel Annex)—Morning Service—10 a.m. Sunday School—10 a.m.
 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 Station 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.
 Confessions—7 to 8:00 p.m. Saturday.
 NOTS 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.) Sunday, 7:30 p.m.

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 50 King St., Bldg. 00929. Phone—71354, 71655, 72082

PROMOTIONAL OPPORTUNITIES

Accounts Maintenance Clerk, GS-520-3, Code 1122 — Located in the Accounting Branch of the Housing Division where rents and charges incurred through the occupancy of Station Housing units are collected and accounted for. Duties include assisting the direction of Branch operations; maintenance of Public Quarters bookkeeping system; reports, etc. Qualifications: One year general experience and two years specialized experience.
 File application for above with Sherry Schaefer, Bldg. 35, Rm. 26, Phone 71577.

Clerk-Typist, GS-322-4, PD No. 070610, Code 7083 — This position is located in the Public Works Department, Maintenance Control Division, Work Reception and Control Branch. The purpose of this position is to furnish work reception control. This includes checking and correcting, preliminary classifying, identifying and record, logging progress, providing status and report information, obtaining job order numbers and accounting data, and furnishing all data needed by machine records for management reports to the Administrative Division.
 File applications with Dora Childers, Code 457, Rm. 32, Bldg. 34, Phone 71995.

Mail and File Clerk, GS-3 or GS-4, Code 2505 — Receives and distributes incoming mail for the Supply Department; reviews and processes out-going mail; acts as custodian for classified material; maintains correspondence and records files. Requires one year general office-clerical experience at the GS-3 level plus one year of work related to mail room operations, including filing, security classification procedures and correspondence practices at the GS-4 level.
 Warehouseman, WB-05, \$2.89 to \$3.13 per hour, Code 254 — Performs a variety of tasks in connection with the physical receipt, storage or issue of supplies. Applicants must have had six months experience in warehousing.
 File applications for above with Naomi Campbell, Bldg. 34, Rm. 28, Phone 72218.

Engineering Technician, GS-8, Code 3526 — Incumbent performs duties in the field of electrical design and coordinates installations in aircraft. The incumbent works with other Branches of the Station meeting their instrumentation requirements. Incumbent must be familiar with the aircraft electrical procedures and use of aircraft manuals.
 File application for above with Mary Morrison, Rm. 32, Bldg. 34, Phone 72032.

Electronic Engineer (Instrumentation), PD No. 555063, GS-12, Code 5225 — Incumbent is Senior Microwave Systems Design Engineer in the Radio Frequency (RF) section of the Systems Electronic Design Branch, Electromechanical Division, Engineering Department. The duties are manifold: from RF systems analysis to documentation of drawings, specifications, purchase descriptions and assembly procedures. Within the area of his major technical discipline, incumbent provides a consulting service to the members of the RF section and to other project personnel of the Electromechanical Division. He must be conversant with the basic principles of other disciplines such as mechanical engineering, mechanics, chemistry, metallurgy and thermodynamics.
 File application for above with Joan Cheever, Bldg. 34, Rm. 34, Phone 71514.

Physicist, GS-12 or 13, Code 3037 — This position is that of a Physicist in the Electronic Warfare Complex, currently being implemented for the study of electronic counter-measure and aircraft tactics against surface to air weapon systems. Responsibilities will primarily be involved with the real time programming of the digital computer in areas of data assessment and flight simulation. Initial assignments will be oriented towards software documentation requirements, system familiarization, coordination with contractor personnel on software design, and consideration of future improved programs.
 Mathematician, GS-12 or 13, Code 3037 — This position is that of a Mathematician in the Electronic Warfare Complex, currently being implemented for the study of electronic counter-measure and aircraft tactics against surface to air weapon systems. Responsibilities will primarily be involved with the real time programming of the digital computer in areas of data assessment and flight simulation. Initial assignments will be oriented towards software documentation requirements, system familiarization, coordination with contractor personnel on software design, and consideration of future improved programs.
 File application for above with Fawn Haycock, Bldg. 34, Rm. 34, Phone 71514.

Electronics Technician, GS-856-9 or 11, PD No. 13787, Am-1, 455048, Code 5522 — This position, located in the Electronics Branch, is in support of electronic circuit design efforts and in-house missile electronics trouble shooting (primarily solid-state). The group in which this position is located works on, but is not limited to, the SHRIKE missile system. The incumbent's responsibilities include prototype circuit layout (low-level video and integrated circuit), evaluation of these circuits and those fabricated in other shops, and missile computer evaluation and testing. Production hardware improvements are based on the inputs from the incumbent. Occasional travel is required to contractor's facilities. The incumbent is required to use standard laboratory test equipment in the course of electronic circuit investigations. This position requires an individual that can function in a circuit design environment which is strongly oriented toward productivity of the hardware. Experience with missile guidance systems is desirable but not essential.
 File applications for above with Joan Cheever, Bldg. 34, Phone 71514.

'DESERT PHILOSOPHER'

Get Yourself Oriented

By "POP" LOFINCK



Although this is the middle of January 1967, it's not too late to make plans for the coming year. Plans are always good even if circumstances require you to deviate later. A plan gives you a base line to deviate from—so you know how much you are deviating.

The point is that the silent solitude of this Mojave Desert with its broad horizons is an ideal place to cogitate and think clearly.

The great thinkers of the past went to the desert from time to time to get their ideas reoriented.

The great Pythagoras accentuated this necessity — at 500 B.C. — to seek desert solitude for orientation; and Aristotle — who taught Alexander the Great and many others.

How much more important today is that temporary solitude — away from the increased jangle of civilization.

However — not everyone can stand silence. If they have become accustomed to continuous noise, silence makes them nervous — they should get accustomed to silence by degrees. When you get yourself oriented, then noise may be a stimulus to action.

That doesn't mean you should stay out in the desert for a week — maybe a few hours of relaxation — meditation and cogitation might clear up confusion for clear thinking. You don't have to go far in this area to find desert solitude. There are many places in Panamint Valley — within a few minutes of the gate. But you should be alone with yourself. Tell someone where you are going for safety. You can park your car off the highway and walk out by yourself to meditate.

The next thought I want to get off my chest is about the statement or comment we read about so often lately — even by people who are, or one assumes to be, highly intelligent — like college professors or scientists — the statement "God Is Dead."

You don't have to be grooved into any orthodox religion to believe in God. If you have an orthodox religion with a concept of God, fine—stay with it—but it isn't necessary as I see it.

In my humble opinion, the comment "God is dead" is about as silly as saying the sun is dead — or gravity is dead — or the magnetic current that points to the North Pole and guides birds in their long flights is dead — or the magnetic current that is life itself is dead—or that the universe is dead. I see the manifestation of God in all nature.

My humble thought is that God is the Cosmic Intelligence for lack of a better term — that keeps the universe in operation.

In my opinion, there is no such thing as a genuine atheist. He is an individual whose intelligence will not permit him to believe a lot of silly stuff he was taught as a kid—but who has not yet advanced far enough to grasp a bigger concept of life and the universe.

The most profound comment I've ever read about God was by Chief Seattle (the city in Washington was named after him) The missionaries were proselytizing on him to convert him to become a Christian, and getting nowhere. In exasperation they asked him, "Don't you have any concept of God — what is your idea of God?" and he replied, "The finite mind of man cannot define God — he can only define the attributes of God." How about that?

The cost of being human is that humans must think to survive. Animals get along with their instincts. But it seems that as the human mind develops — instincts have a tendency to ossify or deteriorate. So the human race must learn to think or perish.

Some think that the human race may be just a temporary episode in the history of the earth. Maybe — but I don't go for that. The human race is a very late comer in the history of the earth and they are still learning — like a child learning to walk.

We might say that God is something like a cosmic radio station. It's up to us to learn how to get the wavelength and tune into this Cosmic Wisdom. That's the purpose of prayer.

I had to get this bit of philosophy off my chest. COMMENTS WILL BE APPRECIATED.

Be Alert to New Traffic Signs

Work has been accomplished to govern the flow of traffic going out of the main gate of NOTS which now allows left hand turns from both lanes.

Those in the left hand lane must turn left onto China Lake Boulevard and into the left lane next to the center line.

The cars in the right hand lane going out of the gate may either turn left onto China Lake Boulevard and into the right hand lane or may proceed straight ahead to Inyokern.

Arrow signs have been painted on the road to point out the way traffic should flow.

It is believed that this will prove beneficial in expediting left turns during the time of peak traffic. Extra care must be taken by those in the right hand lane to allow for left turns from that lane.

THE LOCKER ROOM

IWV Swim Club

By ED RANCK



A visitor attending a practice session of the Indian Wells Valley Swim Club, gets the impression that dedication and enthusiasm are the keys to the club's success. The club, with a membership of 160, ranging in age from 6 to 18, offers one of the finest youth recreation programs in the Mojave Desert area.

COMPETITIVE SPIRIT AND TEAM WORK

The team hasn't produced any national racing champions, and maybe it never will. But that's not the purpose of the club. It's purpose is to produce young men and women, who love to swim, are physically fit, and understand the value of practice and team work. In this respect, the club is developing potentials every day.

The youngsters come to work, and their competitive spirit is amazing, it's evident every time they enter the pool. They love to race, that's when the work ceases, and the fun begins. There's a camaraderie here, a "one for all and all for one" spirit, and it embraces all members of the club. They help each other to learn and improve, and many stay on to become assistant coaches when they pass the age limit.

THE TRAINING PROGRAM

The success of the IWV Swim Club can be attributed, not only to enthusiasm, but also to a carefully planned and well managed training program. The team works out twice a week in the winter months, and four times a week during the summer.

Qualifying tests are held in October. The kids don't have to be expert swimmers to join, but it's expected that they have some knowledge and experience. For those who pass, the next six months consist of practice, exercise, racing and more practice.

The names of the top three swimmers in each stroke and age group are posted on a "Challenge Board," and any team member wishing to move up in the standings may challenge twice a month. The top three work hard to maintain their positions, as there's never a lack of challengers eager to move into the top spots.

Meets are held about twice a month during this period, and the coaches attempt to give all members a crack at the competition. In March, time trials are held, the top 110 swimmers continuing on to the summer competitive season. In the summer the team competes about once a week, with the championships being held at Bakersfield each August. An awards banquet follows, with the outstanding boy and girl swimmers receiving trophies.

THE HEAD COACH

The guiding hand behind the program is provided by Head Coach Carol Chatterton. Carol is rated as an instructor trainer by the Red Cross, one of two in Kern County. Long an enthusiastic swimmer and volunteer swimming instructor, she's the one who makes the program go.

Carol is quick to point out that the aid given her by assistant coaches and parents is an important factor to the club's success. "Without their cooperation and support," she says, "it would really be difficult." Carol also adds, "We need volunteers to help officiate the meets, or handle the staff duties, and we always have plenty of parents who are willing to help out."

HISTORY OF THE CLUB

Like many good programs, the IWV Swim Club had a modest beginning. In the summer of 1958, Carol, then Red Cross Water Safety Chairman, was asked to put together a local swim meet. The event was successful, and that summer, the District was held at the Officer's club pool.

The local swimmers did poorly, although several members of the team did qualify for the championships at Bakersfield. In August, a team was sent to the Mojave Desert Invitational Meet, where they were beaten once again. It was apparent that although lacking in talent, the local team was rich in enthusiasm, and as a result the IWV swim club was formed.

Dick Chatterton became head coach, with Carol assisting. The 40-member team began workouts, and by August of 1959, sessions were being held four times a week. A first place finish in the Mojave Desert Invitational, and a third at the Bakersfield championships resulted.

Carol had taken over as head coach by this time, and the club continued to grow in size and stature. In the next few years, the parents committee was formed, and several assistant coaches began to work with the team. Last year 160 swimmers vied for the 110 positions on the summer team. The club won 13 out of 14 meets attended, and is doing equally well this season.

FUTURE CITIZENS

A final note! Anyone who thinks that the youth of today is soft, or have lost its sense of values, should take a trip to the Station Pool any Tuesday or Thursday afternoon.

If the members of the IWV swim club are representative of tomorrow's leaders, and grow up with the same attitude toward children that their parents and coaches have, then this country will be in good hands for a long time to come.

NAF Hawks Are In Good Position For Champ Title

Although NAF has not clinched the Station Basketball championship, it appears that only major disaster can keep the high flying Hawks from the title. The Hawks won twice last week, including a crucial 75-74 victory over co-leader Aero Science. The loss dropped the Falcons to second, one full game behind. The Hawks can take the championship by beating the winless VX-5 Vampires, Thursday night.

Despite the loss to NAF, Aero Science was assured of at least a tie for second place. The Falcons crushed VX-5 128-48, Tuesday, to move three full games ahead of Code 45 with three games left for both clubs.

Code 45 split a pair, beating NOTS 72-46, before bowing to the Hawks, 62-41. The Rockets must win all their remaining games, while Aero Science loses to finish second.

Dave Held hit a free throw with 8 seconds left, to clinch NAF's 75-74 victory over Aero Science. In a wild finish, which saw five fouls called in the last 28 seconds, the Hawks outscored the Falcons, 4-1, from the line to overcome a 73-71 Falcon lead.

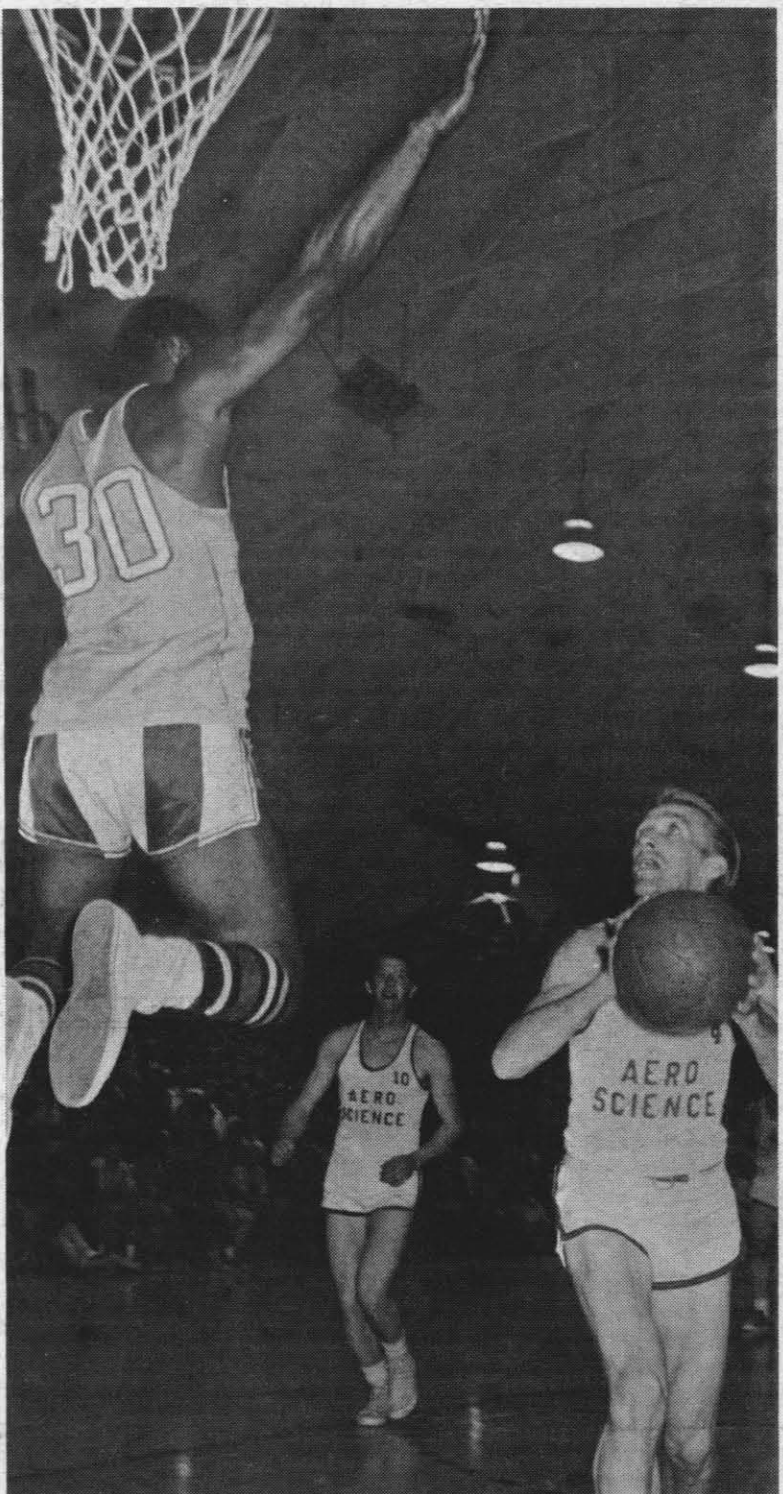
The winning score came on a technical foul. In the confusion of the final moments, the Falcon's Spencer Buckner replaced Tom Taylor illegally, and Held connected on the technical-foul shot that followed. Although involved in the mixup, it was Buckner who brought the Falcons close. Entering the game with 8:43 remaining, and Aero Science trailing 64-57, Buckner tipped in a basket, then made 4 key rebounds as the Falcons pulled into the lead, 73-71, with 1:43 left. It was all free throws after that. Willie Westley hit one with 28 seconds left, to make it 73-72. Jerry Estelle missed at 18 seconds, but hit a pair shortly after that to put NAF ahead 74-73. Driving up the lane, Gary Jacobs was fouled by NAF's Don Perry with 8 seconds left, and hit one shot to tie the game, 74-74.

At this point the illegal substitution took place, resulting in Held's winning free throw. The Falcons had one more chance in the waning seconds. Ted Lane drove into the right corner on the fast break, but missed a 15 foot jumper at the buzzer.

The Falcons had opened quickly, beating the Hawks at their own game, speed. Led by Jacobs, they scored continually from inside, twice opening up an eight point lead in the first half. The Hawks cashed in on several Aero Science turnovers however, to prevent a runaway. Estelle scored twice in the last minute to close the gap to 4, 38-34, at intermission.

The Falcons set the pace early in the second half, jumping quickly to a 46-36 lead, but the Hawks began to move after that. It was the brilliant play of Mike Barnes which brought NAF back into the ball game. Barnes scored 17 points, pulled down 6 rebounds and made several key assists in the next 10 minutes, before fouling out with 3:53 left. Prior to the departure of Barnes, the Hawks had regained the lead, only to lose it when Buckner took control of the boards.

Barnes led all scorers with 29 points. Estelle scored 18, and Westley grabbed 13 rebounds to pace a fine team effort. Lane topped the Falcons with 24, while Leon Allord had 15 and Jacobs 14. The Box Score



OOPS! — That's what Ted Lane of the Indian Wells Valley All Stars seems to be saying when confronted with this Harlem Clown roadblock. The Clowns defeated the All Stars last Saturday, before a sellout crowd at Burroughs High School. —Photo by Mike Taylor

Basketball Scoreboard

STANDINGS	W	L	GB
NAF	8	1	
AERO SCIENCE	7	2	
CODE 45	4	5	3
NOTS	3	6	4
VX-5	0	8	6 1/2

INDIVIDUAL SCORING LEADERS

Player	Pts.	Avg.
LANE, Aero Science	219	24.3
HELD, NAF	201	22.3
BARNES, NAF	139	15.4
GARTRELL, NOTS	133	14.8
TAYLOR, Aero Science	131	14.6
BURKE, Code 45	122	13.5

REBOUNDS

Player	Total
BURKE, Code 45	107
WELLS, VX-5	101
SIDNEY, NOTS	84
HALL, Code 45	78
WESTLEY, NAF	78

AERO SCIENCE	G	F	T	NAF	G	F	T
Lane	10	3	24	Barnes	3	3	29
Allen	5	1	11	Held	6	1	13
Jacobs	5	4	14	Estelle	8	2	18
Taylor	2	2	6	Perry	0	0	0
Buckner	2	1	5	Windiyboy	3	1	7
Allord	7	1	15	Westley	2	2	6
				Howard	1	0	2

George Cagers Beat NOTS Combo Team In Close Adelanto Tilt

George AFB defeated a team representing NOTS China Lake, 101-95, at the base gym in Adelanto, Friday night. The local club, with members of the NOTS Tigers and NAF Hawks making up the squad, rallied from a 23-point deficit late in the second half, but couldn't catch the taller Air Force team.

BOWLING NEWS

Benny Whiteside rolled a 252-643 last Thursday night, to pace the Thursday Night Mens Handicap League. In the Friday Night Mixed League, Bob Owens was high with 246-595, while Dan Branson had a 235.

Al Hebert led the action in the Premier League. Hebert rolled a 212-260-184 for a high series of 656, tops at the local alleys this last week. Ridge-