

# THE HOSPITAL CLIPPER



VOL. 5 NO. 4

NAVAL HOSPITAL MEMPHIS, MILLINGTON, TENN. 38054

APRIL 1971



TEAM MEMBERS (FRONT ROW, L-R) HN PAUL B. RILEY, ... WILLIAM E. CONLON, HM3 JEROME A. OTTO, HN RANDY L. CARTER, HN RUBEN A. PRINCE, HN WILLIE L. O'REAR. (BACK ROW, L-R) HN VICTOR P. HARMS, HN JERRY W. MC-DANIEL, LTJG DANIEL W. THURN, LT JAMES A. BARNSHAW, LCPL ROBERT N. VENCEIL, HN JOHN R. REUTER, HN STEVE C. MC CANTS. NOT PICTURED ARE LCDR CLYDE W. NULL, COACH, AND DN MYRTLE POTTER, SCOREKEEPER.

(Adapted from an article in the NAS Bluejacket, by JO2 Roger Dyals.)

Naval Hospital Memphis clinched the station title Tuesday night, March 23, in Navy Memphis' Intramural Basketball Tournament held during the last month in the station gymnasium.

Displaying a balanced scoring attack and an aggressive defense, Hospital throttled the efforts of AV'A! 750 in the championship game, 59-51, to win the tourney's top trophy.

Guard Ruben Prince led the scoring attack for Hospital as he connected for 23 points from the field and the charity line. Leading Hospital's efforts on defense was John Reuter, who also contributed 13 points to the winning cause.

Hospital's journey to the championship game came about by first defeating AM School, 54-53, in the third game of the tournament. Our "Green Weenies" then sent NATTC AMD to the loser's bracket with a 58-42 victory for their second tournament win.

The next game was with AV'A! 750 in a battle of the unbeaten. Trailing throughout the first three quarters, Hospital put everything together in the fourth to ease past, 57-49, and enter the championship game with an unblemished record.

CONGRATULATIONS "GREEN WEENIES", WE'RE PROUD OF YOU!!

Exam Rating	Examined	Passed	Advanced	Passed, not Advanced
HM3	81	51(43%)	35(43%)	16(20%)
HM2	12	9(75%)	9(75%)	0
HM1	3	0	0	0
HMC	3	3(100%)	0	3(100%)
HMC5	5	4(80%)		
HMC4	2	1(50%)		
DTG1	1	1(100%)	1(100%)	0



The results of the Navy-Wide Competitive Examinations for Advancement in Rate have arrived! The HOSPITAL CLIPPER wishes to express sincere congratulations to members of the hospital staff who were advanced in rate.

The new chevrons for petty officers in the lower four pay grades are effective in five increments on the first of each month from June through October. At this command, ten of the total personnel rated will wear on their crowns effective on 01 June, nine on 01 July, thirteen on 01 August, ten on 01 September, and six on 01 October.

Hospital exam results appear in the upper righthand column.

CAPTAIN R. D. NAUMAN, MC, USN.....COMMANDING OFFICER  
 CAPTAIN F. M. BARNWELL, MC, USN.....EXECUTIVE OFFICER  
 COMMANDER J. W. YOUNG, MSC, USN.....ADMINISTRATIVE OFFICER

DUPLICATED MONTHLY ON GOVERNMENT EQUIPMENT WITH NON-APPROPRIATED FUNDS AND IN COMPLIANCE WITH NAVEXOS P-35 REV JULY 1958. DISTRIBUTED FREE OF CHARGE TO PERSONNEL OF THE NAVAL HOSPITAL MEMPHIS, MILLINGTON, TENNESSEE. THE HOSPITAL CLIPPER SOLICITS NEWS ITEMS FROM ITS READERS.

EDITOR-IN-CHIEF  
 EDITOR

LCDR F. D. SAINES, MSG, USN  
 HM3 D. J. WILLIAMSON, USN

## CHAPLAIN'S CORNER

Are you an Armchair Christian?

Most sports fans can name their favorite teams. If they are highly enthusiastic, they can list all the important statistics: games won, leading players and their histories.

Regardless of this interest and knowledge, the fan is an outsider. He is one of the countless number who share vicariously in team contests. He does not participate in the hard work, sacrifices, joys and sorrows. The players reap their rewards of honor, while the armchair fan has only the temporary pleasure of looking on.

Can a parallel be drawn in the spiritual realm? Yes, and a truly vital one. Ask the average church-goer if he believes in God, and the answer will undoubtedly be "Why, I'm a Christian."

Yet, keeping the armchair athlete in mind, one may ask himself, "What team am I on? Am I really on God's team?" One may know a great deal more religious history and doctrine than the average person, but still be no more than an "Armchair Christian". Once a person identifies himself with Christ he must either assume the full responsibility which the name bears or be guilty of grave blasphemy. "Let everyone that smeth the name of Christ depart from iniquity." (II Timothy 2:19).

As a sports fan, one wouldn't think of approaching the manager of the team and announcing that he was a member of the team and wanted his award just because he attended all the games and knew all the statistics. Could you, on an equally flimsy basis, stand before Almighty God and claim a Christian's reward?

## PROJECT BOOST

The Navy is engaged in a vigorous effort to insure that opportunities for career service as naval officers are open to persons of various racial ethnic minority groups who may have been educationally or culturally deprived, but who have demonstrated in their individual environments that they possess the qualities and desires necessary for a career as naval officers. As a part of that effort, Project BOOST was developed for tailored instruction of selected individuals preparatory to competing for entrance to the Naval Academy, the Navy Enlisted Scientific Education (NESEP) Program, or for the Naval Reserve Officer Training Corps (NROTC) Navy-Marine Scholarship Program. The benefits of the program will be offered to present Navy and Marine Corps enlisted personnel (and selected civilian personnel) who can be identified as having potential for development of officer qualifications if suitable educational opportunity is provided.

Project BOOST enrolls selected candidates from racial and ethnic groups in a special program conducted at the Naval Academy Preparatory School, Bainbridge, Maryland. Within 2 years, when the candidate is capable of competing successfully in a college environment, he will then compete for entrance into the previously listed officer program.

### ELIGIBILITY

1. Citizenship. An applicant must be a citizen of the United States.
2. Status. Participants in BOOST must be enlisted in the Regular Navy or Naval Reserve on active duty.
3. Obligated service. Must have 2 years obligated service as of 1 July of the year admitted to the BOOST Program, or must extend enlistment for this purpose.
4. Marital status. Single.
5. Sex. Male.
6. Age. Must have reached 17th but not 22nd birthday by 1 July of the year admitted.

## SUGGESTIONS

A continuous effort must be made to increase the efficiency of the operation and improve the quality of service offered by this hospital in addition to maintaining a high degree of morale for both patients and staff. The objectives are accomplished through the men and women who do the work. All military personnel are invited and encouraged to submit practical ideas and suggestions in a narrative form for:

- (1) Improving service, methods, procedures, working conditions, morale, etc.
- (2) Combining operations, methods, and procedures.
- (3) Eliminating unnecessary work and duplication of effort, etc.
- (4) Saving manpower, money, material, time, and space.
- (5) Reducing cost of material, operations, services, and time of delivery (critical materials).

## SOCIAL SECURITY

Social Security beneficiaries will receive a raise in their monthly checks beginning in June. Benefits will be increased by 10%.

President Nixon signed into law a bill authorizing this 10% raise and it is effective as of January 1971. Because of the time required to change benefit checks for the some 26 million Social Security beneficiaries, it will not be included in monthly benefit checks until June 3rd.

No application is necessary from Social Security beneficiaries. The increase will be automatically added to their present benefit amount.

Because the increase is effective with January 1971, it will require Social Security to issue a second check of June 1971. This second check will include the 10% raise for months before June that beneficiaries had already received regular monthly checks.



\*SAILOR OF THE QUARTER\* (L-R) CAPT R. D. NAUMAN, COMMANDING OFFICER AND HM3 DONALD A. HAUPT. HM3 HAUPT IS RECEIVING THE SAILOR OF THE QUARTER AWARD (THIRD QUARTER, FY 1971). HE IS SENIOR CORPSMAN ON WARD 9.



(L-R) HMI PERRY CHILDERS, LAB SERVICE, IS RECEIVING HIS THIRD GOOD CONDUCT AWARD FROM CDR JOHNNY W. YOUNG, ADMINISTRATIVE OFFICER.



(L-R) CAPT R. D. NAUMAN, COMMANDING OFFICER, IS PRESENTING MR. ROSCOE BREWER, SUPERVISORY MILITARY PERSONNEL TECHNICIAN WORKING IN PATIENT AFFAIRS, WITH A 30 YEAR LENGTH OF SERVICE AWARD.



(L-R) MRS. H. L. HAMMERS, GIDEON INTERNATIONAL; CAPT ALICE L. DAVIS, CHIEF, NURSING SERVICE; CAPT F. M. BARNWELL, EXECUTIVE OFFICER; AND MRS. JAMES WILLIAMS, ALSO REPRESENTING THE GIDEON INTERNATIONAL. MRS. HAMMERS AND MRS. WILLIAMS DONATED ENOUGH GIDEON BIBLES FOR ALL THE NURSES IN THE HOSPITAL, ON BEHALF OF THEIR ORGANIZATION.



(L-R) CAPT R. D. NAUMAN, COMMANDING OFFICER; MR. JOHN B. SHAVER, FORMER CIVILIAN EMPLOYEE WITH FOOD SERVICE DIVISION; AND MR. ELMER HARRISON, FOREMAN, FOOD SERVICE DIVISION. MR. SHAVER IS BEING PRESENTED WITH A LETTER OF APPRECIATION "FOR HIS DEMONSTRATION OF OUTSTANDING ABILITY AND DESIRE TO PERFORM HIS DUTIES" WHILE WITH THE FOOD SERVICE DIVISION.



(L-R) MR. DENNIS WAGES, MANAGER OF WAGES' FURNITURE AND APPLIANCES INC.; JOHN QUALLS, FORMER PATIENT OF WARD 20; AND LCDR C. W. NULL, PATIENT AFFAIRS OFFICER. MR. WAGES DONATED A BEAUTIFUL STEREO SET TO THE PATIENTS AND STAFF OF WARD 20.



(L-R) MR. ELMER HARRISON, FOREMAN, FOOD SERVICE DIVISION; MR. EXTRA WEBB, FOOD SERVICE DIVISION; AND CAPT F. M. BARNWELL, EXECUTIVE OFFICER. MR. WEBB IS RECEIVING A 20 YEAR LENGTH OF SERVICE AWARD.

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## DEPARTMENT OF THE MONTH..... OFFICE OF THE COMMANDING OFFICER

The Office of the Commanding Officer consists of the Commanding Officer, the Executive Officer, the Administrative Officer, Assistant to the Administrative Officer, Central Files Petty Officer, Commanding Officer's Secretary and Executive Officer's Secretary.



Captain Newman is charged with the command, organization, and management of the hospital. He is responsible for the professional care and services provided to the patients in the hospital and for the safety and well-being of the entire hospital command, and exercises complete military jurisdiction within the hospital reservation.



Captain Barnwell's primary function as Executive Officer is to assist the Commanding Officer in the discharge of his responsibility for the professional care of patients and the training of the staff, in the formulation of professional policies, standards, and directives, and in the coordination of all internal administration of the hospital dealing with professional matters. Captain Barnwell also wears a second "hat" as Chief of Medical Service.



Commander Young is responsible for all administrative matters including the coordination of internal administration of the hospital as well as management improvement functions. He advises the Commanding Officer regarding the non-professional functions and management of the hospital, and assists in the formulation of administrative policies, standards, and directives. He acts independently on matters which do not require the personal attention of the Commanding Officer.



Master Chief Floyd acts as direct liaison between the Administrative Officer and other divisions/services of the hospital, and maintains current information regarding laws, regulations, policies, and instructions pertaining to naval administration. He provides for the preparation, promulgation, and maintenance of the directives necessary to meet the operating requirements of the hospital.



HM2 Moore is responsible for the correct filing of all official incoming and outgoing correspondence. He screens all incoming correspondence, routes it to the proper department for action, and screens all outgoing correspondence for correctness prior to presenting it to the Commanding Officer for signature. He is also responsible for keeping current all manuals, directives, and files pertaining to the administration of the hospital.



Miss Sowders is the Commanding Officer's girl Friday, and handles all his correspondence of a personal or confidential nature and all telephone communications. She is the Commanding Officer's liaison with other commands, and the civilian community. Miss Sowders has been on the staff since January, 1943, which was prior to the official commissioning of the hospital in March, 1943.



Mrs. Bode handles all correspondence and telephone communications for the Executive Officer's Office, and further acts as file secretary for the professional committees within the hospital. She wears a second "hat" as Secretary to the Chief of Nursing Service.



(L-R) MMJ JAMES H. MURDOCK, HMCS WILLIAM C. GRIMES, AND LT SHEILA A. CALL. AT A RECENT PERSONNEL INSPECTION MMJ MURDOCK RECEIVED THE BRONZE STAR WITH COMBAT "V" AND CITATION, HMCS GRIMES RECEIVED HIS FIFTH GOOD CONDUCT AWARD, AND LT CALL WAS PRESENTED WITH A LETTER OF APPRECIATION FROM THE COMMANDING OFFICER, NAVAL HOSPITAL, OAKLAND, CALIFORNIA.



(L-R) MRS. BERNICE BLADE, MRS. LILLIAN ANDERSON, MRS. BLOISE VARNADO, MRS. GLADYS MACKLIN, ALL OF THE FOOD SERVICE DIVISION; MISS GEORGE ANN SOWDERS, COMMANDING OFFICER'S SECRETARY; CAPT F. M. BARNWELL, EXECUTIVE OFFICER; AND MR. WALTER DELASHMIT, FISCAL AND SUPPLY. THE ABOVE MENTIONED PERSONNEL EXCLUDING CAPT BARNWELL ARE ALL "PLANK OWNERS", HAVING WORKED AT NAVAL HOSPITAL MEMPHIS SINCE ITS COMMISSIONING, AND MISS SOWDERS AND MR. DELASHMIT WERE BOTH HERE SEVERAL MONTHS BEFORE COMMISSIONING. THIS GATHERING IS A PART OF THE HOSPITAL'S 28TH ANNIVERSARY CELEBRATION.

## HIGHLIGHTS OF MEDICAL CORPS 100th BIRTHDAY PARTY



(L-R) RADM JOHN W. ALBRITAIN, MC, USN, DEPUTY SURGEON GENERAL OF THE NAVY, AND MR. AL WHITMAN, PRESIDENT OF THE MEMPHIS CHAPTER OF THE NAVY LEAGUE.



CAPT R. D. NAUMAN, MC, USN, COMMANDING OFFICER OF NAVAL HOSPITAL MEMPHIS IS ADDRESSING HIS AUDIENCE AT THE CELEBRATION OF THE MEDICAL CORPS' 100TH BIRTHDAY HELD AT THE OFFICERS' CLUB AT THE NAVAL AIR STATION ON MARCH 13TH.



(L-R) CAPT R. D. NAUMAN, MC, USN, COMMANDING OFFICER OF NAVAL HOSPITAL MEMPHIS, AND CAPT A. D. NELSON, MC, USN, SENIOR MEDICAL OFFICER AT THE NAVAL AIR STATION DISPENSARY, ARE CUTTING THE FIRST PIECE FROM THE BIRTHDAY CAKE HONORING THE 100TH BIRTHDAY OF THE MEDICAL CORPS. IN THE BACKGROUND IS RADM LANGDON NELSON, RET.

## LIBRARY NEWS

### Fiction

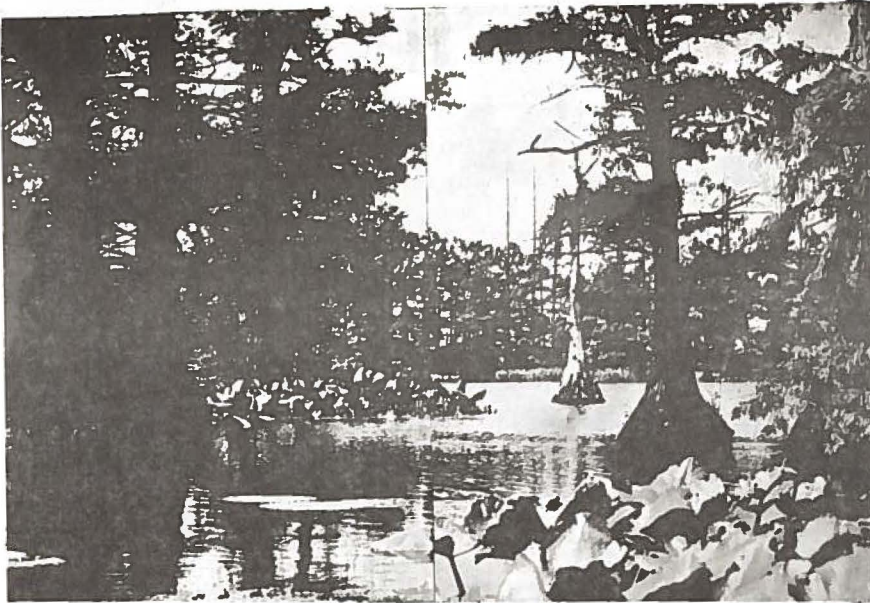
- Falkirk, R. THE TWISTED WIRE.  
Forester, C. S. GOLD FROM CHESTE: TEN STORIES.  
Cann, E. K. THE ANTAGONISTS.  
Gerson, N.B. CLEAR FOR ACTION!  
Killens, J. O. THE COTILLION. A novel of black people.  
Robertson, Don. THE GREATEST THING THAT ALMOST HAPPENED.  
Uris, L. QB VII.  
Zeno (pseudonym) GRAB.

### Non-fiction

- Armstrong, E. MAKE YOUR LIFE WORTH-WHILE.  
Franklin, J. H. AN ILLUSTRATED HISTORY OF THE BLACK AMERICANS.  
Lasser, J. K. YOUR INCOME TAX, 1971.  
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U.S. Navy Department. OUTSTANDING NAVY SPEECHES, 1966-67.  
Westman, W. C. THE DRUG EPIDEMIC.  
Burgess, R. E. SINKINGS, SALVAGES, AND SHIPWRECKS.  
Gordon, B. I. MAN AND THE SEA.  
Constean, J. THE SHARK.  
Scheffer, V. B. THE YEAR OF THE SEAL.  
Reuben, D. R. EVERYTHING YOU ALWAYS WANTED TO KNOW ABOUT SEX.  
Miller, W. PRINCE AND MRS. CHARMING: CARTOONS.  
Dance, S. THE WORLD OF DUKE ELLINGTON.  
Burgess, A. SHAKESPEARE.  
Graves, W. HAWAII.  
Nolan, W. A. THE MAKING OF A SURGEON.  
Keats, John. YOU MIGHT AS WELL LIVE: THE LIFE AND TIMES OF DOROTHY PARKER.  
Legg, Stuart. THE HEARTLAND.  
Walt, L. W. STRANGE WAR, STRANGE STRATEGY. A general's report on Vietnam.  
Pratson, F. J. LAND OF THE FOUR DIRECTIONS.  
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Kinsinger, R. E. HEALTH TECHNICIANS.  
Sidney, H. AGRICULTURAL, FORESTRY, & OCEANOGRAPHIC TECHNICIANS.  
Wiggs, G. D. MARKETING, BUSINESS AND OFFICE SPECIALISTS.  
Livesey, H. B. GUIDE TO AMERICAN GRADUATE SCHOOLS.  
Copperud, R. N. AMERICAN USAGE: THE CONSENSUS.



## SPOTS OF INTEREST

Reelfoot Lake, located in the far northwest corner of the state, is the site for this unique park. The park itself is located along the shore of Reelfoot, on State Highways 21 and 22, a mile east of Tiptonville and just off U. S. Highway 51 between Dyersburg and Union City.

The lake has long been recognized as the nation's most abundant natural fish hatchery. There are 56 varieties of fish but fishermen go after crappie, bream, and largemouth bass. Commercial boat docks dot the shore of the lake and carry complete supplies.

CAMPERS will find a well-developed area nestled beneath tall cypress trees with the convenience of a centrally-located washhouse and restrooms.

PICNIC sites are numerous and located near the lake shore under large cypress trees. A picnic shelter and concession stand are located within the area to provide visitors with refreshments.

The Tiptonville Kiwanis Club, in cooperation with the Parks Division, has developed a KIDDIE LAND featuring a scenic train ride, merry-go-round and many activities to provide hours of enjoyment.

An air-conditioned auditorium is perfect for banquets and conventions with a seating capacity of 600. Cooking facilities are available, as well as catering service. The museum building, which is a part of the auditorium, houses an outstanding collection of Indian artifacts, and specimens of wildlife found in the area. Admission is free.

EXCURSION BOATS operated by the park make scheduled trips daily. These boats provide visitors with the unique experience of seeing areas of Reelfoot

Lake formerly unexplored by the average sightseer. One of the trips features a rest stop on Indian Mound Island for a picnic and nature hike.

Reelfoot Lake was formed during a series of earthquakes which rocked the area in 1811-12. Fertile farm land sank; the Mississippi River flowed backward and flooded the newly-formed sink, creating what is now one of the most unusual lakes to be found in the Southeast.

In addition to the numerous recreational opportunities provided by Reelfoot Lake, the park has hiking trails, archery, badminton, horseshoes, and many more.

Reelfoot Lake State Park does not have eating and overnight establishments. However, adjacent to the park there are nine dining rooms, two sandwich shops, ten ultra-modern motels, eleven modern motels; all with air conditioning and several with housekeeping facilities. For water recreation there are three nice swimming beaches and twenty-seven boat docks.

For unusual outdoor fun and excitement try Reelfoot Lake State Park.



(L-R) ENFM ORVAL L. BOZE IS BEING PRESENTED A PURPLE HEART AND A NAVY COMMENDATION MEDAL WITH COMBAT "V" BY CAPT R. D. NAUMAN, COMMANDING OFFICER. BOZE RECEIVED THE PURPLE HEART FOR WOUNDS RECEIVED IN ACTION WHILE IN THE REPUBLIC OF VIET NAM, AND THE NAVY COMMENDATION MEDAL FOR MERITORIOUS SERVICE ALSO IN THE REPUBLIC OF VIET NAM. HE IS A PATIENT ON WARD 4.



LT CAROL DICKERSON



LTJG MARY JO O'DWYER



HN SUSAN M. HARSEN

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(L-R) CAPT R. D. NAUMAN, COMMANDING OFFICER, IS PRESENTING HM2 LABERT J. HARRINGTON OF THE PHARMACY SERVICE WITH A LETTER OF APPRECIATION UPON HIS REBASE FROM ACTIVE DUTY. HARRINGTON IS A REGISTERED PHARMACIST AND WILL BE WORKING WITH HSI UNCIE IN A PHARMACY IN LOUISIANA.



FRONT ROW (L-R) HN FLORA L. BLUEDOG, HN LARRY J. BANE, HN BRYAN E. YOUNG, HN MARVIN E. PENNEY, HN WILLIAM R. SEENE, HN CATHY L. FRICK. BACK ROW (L-R) HN GARY R. HOGG, HN STEPHEN E. BROWN, HN HOWARD J. PING, HN HAROLD E. WORKMAN, HM3 WARREN D. MC PADDEN, HA CARSON SHORT, HN GEORGE D. WALLEY.



(L-R) RECEIVING THEIR PROMOTIONS TO HOSPITAL CORPSMAN THIRD CLASS ARE HM3 FRANKIE L. THOMAS, HM3 GARY L. VANDERLINDEN, HM3 DONNIE E. SANDERS, AND HM3 DENNIS R. GARVIN.

Lightning

# A Shocking Handicap

It's about that time of year again when grown men, armed with a variety of weapon-like clubs, pit their wits against a tiny white ball. Although defenseless and unable to strike back, the ball frequently is the victor.

Some golfers this year could lose, not only a match, but also their lives.

Did you know that lightning kills up to 500 U.S. golfers a year? Last year in one city three golfers had just taken refuge under a tree when lightning struck. One was merely stunned, but two were knocked unconscious. Fortunately, a Red Cross nurse and her hus-



band were near the scene of the accident and immediately gave mouth-to-mouth resuscitation to the stricken men. Their lives were saved, but only because of the couple's quick thinking and knowledge of how to give this form of artificial respiration.

Lightning will strike the highest point in an area, and on a wide-open golf course, a golfer might be the highest point.

However, the majority of victims are not felled from the bolt itself but from side flashes or ground charges. Immediate action can mean the difference between life and death. The reason for giving mouth-to-mouth resuscitation is that an electrical shock interrupts breathing because it affects nerves and muscles.

The next time you're on a golf course during an electrical storm, remember these simple Red Cross rules:

1. Don't raise an umbrella.
2. Avoid small sheds and shelters in an exposed area.
3. Don't stand under an isolated tree or small clump of trees.
4. Seek shelter in dense woods, a frame building protected against lightning, or any natural protection.

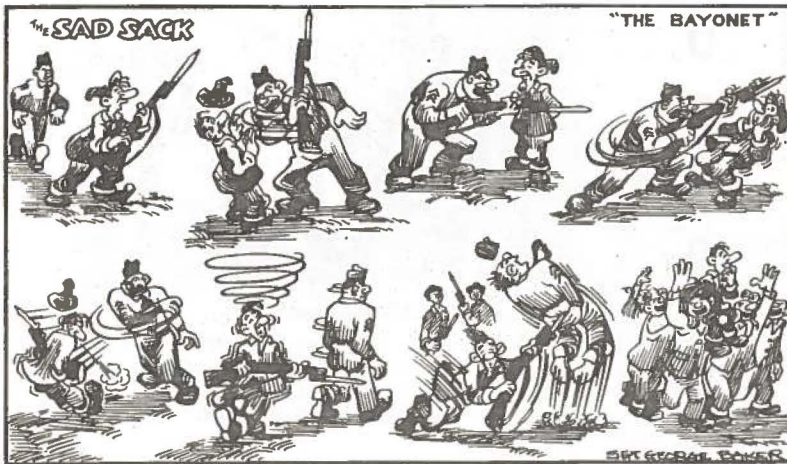
To continue to play while lightning crackles around you, could net you a lot worse than a seven-stroke hole. (AFPS)

## Taking Things For Granted

We are taught that we should never take good things for granted. There is an important exception—U. S. Savings Bonds.

Millions of Americans everywhere already take Bonds for granted. They receive them regularly through Payroll Savings and Bond-A-Month Plans. The Bonds are purchased automatically. The money isn't missed—it is amassed. And the growing family nest egg of Savings Bonds is there when needed most—for unexpected emergencies and for the "good expenses"—new home, education, weddings, vacations, retirement.

## A Yank Classic



# NASA Tests May Yield Chromosome Secrets

WASHINGTON (AFPS) — Human chromosomes may soon yield more of their secrets to medical researchers with the aid of a space-age computerized process developed at NASA's Jet Propulsion Laboratory, Pasadena, Calif.

The same computer that enhances photographs radioed back from the Moon and Mars has been successfully applied to analyzing pictures of human chromosomes.

A JPL scientific team has devised a system which can analyze a picture of the chromosomes in a human blood cell in three minutes—about one-tenth the time required to do the same job manually.

Chromosomes are the tiny bodies that contain the basic patterns for life, genes. Seen through a microscope, they appear to resemble a tangle of short spaghetti strands, or stubby worms.

Each chromosome contains strings of DNA molecules, believed to be the reproductive basis of all living organisms. DNA—deoxyribonucleic acid—holds the key to the genetic code of life of Earth, biologists and biochemists now generally believe.

The JPL system was explained this way:

By closed circuit television, an operator watches as the automated microscope searches

a slide prepared from a blood sample. The technician stops the scanning when a cell with a suitable group of chromosomes is found.

Automatically the system then sharpens the focus and enlarges the image 2,500 times. A special data camera takes the picture and transfers it into a computer.

Still operating automatically, the computer isolates, measures and rotates each chromosome image until it is erect.

Each chromosome—46 in the case of a normal human cell—is numbered and classified according to size and shape.

The resulting digital picture inside the computer is transferred to a special photographic printer which produces a picture on paper.

The computerized TV slide search, as the JPL researchers call it, promises not only to be faster, but to be considerably less tiring for the laboratory technician making the analysis.

## Agents Sought For Narcotic, Drug Bureau

WASHINGTON (AFPS) — Applications are being accepted by the U.S. Bureau of Narcotics and Dangerous Drugs for positions of special agent, the Justice Department has announced.

Selectees will participate in a formal, ten-week course at the National Training Institute in Washington, D.C. Instruction will cover self-defense, use of firearms, narcotic and drug abuse laws, court procedures, investigative techniques, criminology, drug and narcotic identification.

Lowest positions, the announcement said, begin at GS-7 —\$10,727 yearly, including overtime. Qualification requirements include established eligibility on a Federal Entrance Examination plus one year of graduate study or one year of experience. Some positions start at a GS-9 level for qualified applicants, the announcement added.

Other requirements are: applicants must be male, possess American citizenship, have a valid driver's license, be able to undergo a background investigation, and pass a rigid physical examination.

Rapid promotional opportunities exist, officials said, to Grades GS-11 and GS-12, dependent upon satisfactory job performance and a minimum of one year of experience in a lower grade.

Men interested in such Federal law enforcement officer positions should contact the nearest Regional Office of the U.S. Bureau of Narcotics and Dangerous Drugs or write to the Bureau's Headquarters, Washington, D.C. 20537.

## What in Heaven's Name

HANSCOM FIELD, MASS. (AFPS)—Don't tell the NCOIC of Special Services here that he has a heavenly name. Sixteen-year Air Force veteran Master Sergeant Pearly Gates has heard that line too many times. Besides, he claims he was named after an uncle, Pearly Hill.

## MISS APRIL



## Frigate Coins Still On Sale

WASHINGTON (AFPS) — Commemorative coins struck from old solid copper spikes of the frigate Constellation are still available for public sale.

Funds derived from the sale will be used to complete restoration of the historic ship at its permanent berth in Baltimore. Restoration of the frigate began in 1959.

The coins serve as lifetime passes to visit the frigate free of charge.

Anyone wishing to obtain a Constellation Commemorative Coin should send \$2 to CONSTELLATION, Baltimore, Md. 21202.

## Sore Eyes Cited

THE FACTS: One sunny day a Defense Department employe took to his safety officer a pair of sunglasses he had obtained in a package of hair cream. The employe complained that he suffered headaches after each wearing of the glasses. The safety officer turned the glasses over to an optometrist, who reported: Frames highly flammable, lens distortion in the extreme.

THE POINT: A sure way to impair vision, perhaps permanently, is to equip yourself with a pair of inferior grade sunglasses.

Modern FAR EASTERN HISTORY from 1841

Get all the details at your Education Center!