

8 JULY 1933.

# BUREAU OF NAVIGATION

## BULLETIN



NUMBER 196.



PUBLISHED FOR THE PURPOSE OF DISSEMINATING  
GENERAL INFORMATION OF PROBABLE INTEREST TO  
THE SERVICE.



## OFFICER PERSONNEL

### MEDICAL CORPS SELECTION BOARD.

The membership of the Medical Corps Selection Board for promotion to the rank of Rear Admiral which convenes on 17 July 1933 follows:

#### President:

Rear Admiral Charles E. Riggs, (MC), U.S.N.

#### Members:

Rear Admiral Charles P. Kindleberger, (MC), U.S.N.

Rear Admiral Arthur W. Dunbar, (MC), U.S.N.

#### Recorder:

Lieutenant Commander John Harper, (MC), U.S.N.

2 officers to be selected.

### BOOK "THE DARK INVADER" ORDERED FOR LIBRARIES.

There have been ordered for libraries of battleships, cruisers, and tenders, copies of "The Dark Invader" by von Rintelen. The book will also be available in the Loan Collection where it may be borrowed by individual officers.

The book is by a German naval officer who was employed as a spy during the war. It is an account of the German sabotage operations in the United States during the World War. Unfortunately, the author has written wholly from memory, and while he has given names, he has seldom given dates or other means of checking, and in the case of one incident, he places the death of Huerta six months before it occurred. The book therefore cannot be relied upon as an entirely accurate account, but it does serve as a study of the problems of secret communications during war and the importance of safeguarding our code and signal systems.

## ENLISTED PERSONNEL

### COMMENDATION.

John Donald Brewster, F.C.3c, U.S.N., received a letter of commendation for rescuing a woman from drowning in the Anacostia River, Washington, D. C.

In addition, the Department has recommended Brewster to the Secretary of the Treasury for the award of a silver life-saving medal in recognition of his act.

NAVY CROSS.

Thomas Marvin Lynch, C.Ph.M., U.S.N., was presented a Navy Cross by the President of the United States for services performed as a Lieutenant in the National Guard of Nicaragua, as set forth in the following citation

"For extraordinary heroism while a member of a patrol of Guardia Nacional in contact with a bandit group at Punta Rieles, Nicaragua, on 26 December 1932. The patrol, while on a train proceeding to El Sauce, was attacked by a vastly superior force of bandits and suffered losses in killed and wounded. Chief Pharmacist's Mate Lynch attended the wounded, placed them under cover, and personally carried one of the wounded Guardias from the firing line to a place of safety, all at the risk of his life under heavy fire, after which he continuously exposed himself while carrying ammunition to the firing line until the engagement ended. His conduct during the entire combat was outstanding, beyond the call of duty and was of the greatest assistance in bringing the action to a successful conclusion."

FLEET RESERVE ASSOCIATION.

The Fleet Reserve Association, composed of enlisted men of the United States Navy with eight or more years' service, and who are still serving in the active Navy, together with those who have served sixteen, twenty or thirty years in the active Navy or on the Naval Reserve list, will hold its Ninth Annual Convention in Chicago, on the 2nd, 3rd, and 4th of September of this year.

Leave of absence to attend may be granted to enlisted personnel who are members of this Organization by Commanding Officers, if their services can be spared.

HOSPITAL CORPSMEN - CHANGE OF RATING.

Bureau of Navigation Circular Letter No. 20-35 calls attention to the necessity of reducing the present number of hospital corpsmen.

One method of effecting this reduction is by changing the rating of hospital corpsmen to other branches in corresponding pay grades. To date, only a few requests for such changes have been received in the Bureau.

To encourage hospital corpsmen to qualify for other ratings, the Bureau desires that all concerned be advised that, within limits, to be determined in the Bureau, it is to their advantage to change to other branches. This is obvious when it is pointed out that the present large excess in the hospital corps will prevent any promotions for an indefinite period, while the existing shortage in certain other ratings, such as yeoman and storekeeper, may make it possible to effect promotion much sooner than will be possible in the hospital corps branch.

## MISCELLANEOUS

### VETERANS OF FOREIGN WARS.

The Veterans of Foreign Wars of the United States will hold their National Encampment in Milwaukee, Wisconsin, from August 27 to September 1, 1933.

Leave of absence to attend may be granted to officers and enlisted personnel who are members of this organization by the commanding officer, if their services can be spared.

### CONTRIBUTION TO NAVY RELIEF SOCIETY FROM JAPANESE CITIZEN.

The Navy Relief Society is in receipt of a letter, transmitted through the American Embassy, Tokyo, Japan, from a Japanese citizen.

The letter expresses the writer's deep sympathy for those lost in the AKRON and encloses a contribution described as "a part of my savings" towards the relief of dependents or floral tribute to the lost heroes.

### ARMY-NAVY LEECH CUP TENNIS MATCH 1933.

The Navy Department has been informed by the Secretary of War that due to the pressing demands on the regular Army in connection with the Civilian Conservation Corps project, it will be impossible for the Army this year to participate in the Leech Cup Tennis Match.

The Leech Cup Tennis Trophy has been competed for annually between the Army and Navy for the past nine years, with the following results:

1924	Army	7	Navy	0
1925	Army	4	Navy	3
1926	Army	2	Navy	5
1927	Army	0	Navy	7
1928	Army	3	Navy	4
1929	Army	1	Navy	6
1930	Army	1	Navy	6
1931	Army	3	Navy	4
1932	Army	2	Navy	5

### EXAMINATIONS FOR WARRANT RANK.

The attention of the service is invited to the fact that 25 July 1933 has been set as the date for the beginning of examinations for promotion to warrant rank. It is necessary that all who take the examination start at the specific time designated, and the Bureau desires that arrangements be made accordingly in order that candidates, through no fault of their own, may not be denied the privilege of appearing before a duly appointed Board of Examiners.

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## OFFICER PERSONNEL

### COMMENDATION.

Chief Gunner W. F. Loughman, U.S.N., and Chief Torpedoman Hugh F. Sherwood, U.S.N., received letters of commendation from the Chief of the Bureau of Navigation for the prompt and efficient manner in which they handled a diving casualty on board the U.S.S. Falcon in Great Salt Pond, Block Island, and prevented a diver from drowning when his helmet became detached from his breast plate.

### NAVY TRAVEL INSTRUCTIONS.

On 1 July 1933 so much of the Economy Act became ineffective as relates to the method of reimbursement of naval officers for travel performed on official business in obedience to orders. Reimbursement will now be made in accordance with the basic law as published in United States Navy Travel Instructions.

Unless officers are directed to proceed by government transportation, they may now travel via private or public conveyance without further authority.

### HOSPITALIZATION IN WALTER REED GENERAL HOSPITAL.

For the past few years, actual dependents of commissioned officers and warrant officers of the active list of the Navy and Marine Corps who were absent on sea duty and whose dependents resided in Washington or within 25 miles of that city, have been admitted to Walter Reed General Hospital, Washington, D. C.

Due to the effect of the Economy Act and the withdrawal of Veterans' Administration beneficiaries in Army hospitals, it has become necessary for the Army to withdraw this privilege.

This change in no way affects the families of naval officers on temporary duty with the Army in connection with the Civilian Conservation Corps. These officers, while on duty with the Army, and their families will receive treatment at any Army dispensary or hospital as long as accommodations are available, just as if they were members of the regular Army.

## ENLISTED PERSONNEL

### ENLISTED MEN IN UNIFORM, HITCH-HIKING.

The Bureau has received reports from recruiting officers and recruiters that enlisted men in uniform while on leave are soliciting rides from passing motorists. Such conduct reflects discredit on the uniform and the Navy. Hitch-hiking is illegal in many states and is a form of "panhandling" that has fallen into ill repute with the American public.

# TRAINING

## NAVY TRAINING COURSES AVAILABLE.

Rating courses are available for men preparing for the following ratings:

	<u>Seaman Branch</u>	
Seaman 1c	Gunner's Mate 1c	Torpedoman 2c
Coxswain	Chief Gunner's Mate	Torpedoman 1c
Boatswain's Mate 2c	Quartermaster 3c	Chief Torpedoman
Boatswain's Mate 1c	Quartermaster 2c	Fire Controlman 3c
Chief Boatswain's Mate	Quartermaster 1c	Signalman 3c
Gunner's Mate 2c	Chief Quartermaster	Signalman 2c

	<u>Artificer Branch</u>	
Fireman 2c	Carpenter's Mate 3c	Painter 2c
Fireman 1c	Carpenter's Mate 2c	Painter 1c
Machinist's Mate 2c	Carpenter's Mate 1c	Radioman 3c
Machinist's Mate 1c	Shipfitter 3c	Chief Radioman
Water Tender 2c	Shipfitter 2c	Molders Course
Blacksmith 2c	Shipfitter 1c	Patternmaking
Electrician's Mate 3c	Chief Shipfitter	
Electrician's Mate 2c	Painter 3c	

	<u>Other Branches</u>	
Storekeeper 3c	<u>Messman Branch</u>	Chief Pharmacist's
Storekeeper 2c	Yeoman 3c	Mate and Pharmacist's Mate
Storekeeper 1c	Yeoman 2c	1c
Chief Storekeeper	Yeoman 1c	Avia. Machinist's Mate 3c
Ship's Cook 3c	Chief Yeoman	Avia. Machinist's Mate 2c
Ship's Cook 1c	Hosp. Apprentice	Avia. Chief Machinist's Mate
Chief Commissary Steward	1c and	
Officers Cooks & Stewards	Pharmacist's Mate 3c	
Baker Ratings	Pharmacist's Mate 2c	

The following general courses are available for issue:

A to N	Boilers Coal Fired	Gasoline Engines
Apprentice Seaman	Oil Burning Boiler	Mechanical Measuring In-
Compasses and Piloting	Operation	struments
Bearings and Lubrication	Diesel Engines	Pumps
Blowers	Distilling Plants	Storage Batteries
Boiler Care and Repair	Electric Propulsion	Office Procedure
	Main Drive	Aviation Seamanship
	Gas and Electric Welding	



The following publications are available for issue:

Navy Speller  
Methods of Instruction  
Gregg Shorthand Lessons  
Gregg Shorthand Progressive Exercises  
News Handling  
Benefit Guide  
Thrift  
Page: Naval Artificers Manual  
Carmichael: Practical Ship Production  
Instructions - Painting and Cementing Vessels  
Longfield: Sheet Metal Drafting  
Instructions - Navy Motion Picture Film and Projecting  
Equipment 1931  
Schools and Colleges Granting Concessions to Sons and  
Daughters of Officer and Enlisted Personnel, U. S. Navy  
Case Instruction 1-10, 11-20, 21-30, 31-40, 41-50.

The following courses are being prepared and will be available by 1 October 1933:

Radioman 2c  
Gunner's Mate 3c  
Torpedoman 3c  
Gyroscopic Compasses

## MISCELLANEOUS

### INTERNATIONAL SIGNAL CODE.

By international agreement, effective January 1, 1934, the alphabet pennants C, D, E, F, and G, of the International Signal Code are to be replaced by flags, and there is added to that code a set of 10 numeral pennants (1 to 0 inclusive), and 3 repeater pennants.

It is planned toward the end of 1933 to change the present Navy alphabet, numeral, and repeater pennants to conform to the new international code.

A correction sheet for the "BOAT BOOK OF THE U. S. NAVY, 1927" has been prepared and will be distributed to all ships in accordance with the allowance list in Article E-6104, Bureau of Navigation Manual. Shore stations will be issued these correction sheets on request to the Bureau. Requests from shore stations should state the number of Boat Books on hand.

### NAVY MUTUAL AID ASSOCIATION.

At a special meeting of the Board of Directors of the Navy Mutual Aid Association, held July 8, 1933, Admiral W. H. Standley, Chief of Naval Operations, and Rear Admiral W. D. Leahy, Chief of the Bureau of Navigation, were unanimously elected President and Vice-President of the Association, respectively.



GAREY SCHOOL, ABERDEEN, MARYLAND.

A discount of ten percent on the usual charge of \$800 is allowed the children of service personnel. In addition, there are offered a number of working scholarships, information of which may be obtained by specific inquiry.

The school offers instruction from the first grade, through college preparatory, including definite preparation for the service academies.

FILM MUTILATION PREVENTION.

Considerable motion picture film is being damaged by exhibiting units and the damaging units place the cause of the damage as being due to the fact that the film was new and "unseasoned", and not the result of carelessness nor ignorance on the part of the operator.

The following is quoted from the pamphlet "Film Mutilation and How to Prevent it", published by the Eastman Kodak Company, Rochester, N. Y.:

"In making the light sensitive emulsion of motion picture film, one of the chief ingredients is gelatin - a substance which readily absorbs and gives off moisture. In freshly developed film the gelatin contains a considerably higher percentage of moisture than is found in seasoned film, and when in this condition it is easily affected by heat, tending to make it soft and tacky, particularly in a moist atmosphere. The first point at which new film comes in contact with unusual temperature is at the aperture plate of the projector where the light is concentrated, producing heat to a degree which softens the gelatin and causes it to collect on the tension springs or shoes where it rapidly dries and forms a flint-like deposit. As the new film is projected, the hardened deposit of gelatin continues to accumulate and offers further resistance, causing scratches along the perforations. As the resistance increases there is the added danger of the teeth of the intermittent sprocket tearing and damaging the perforations, sometimes to an extent where injury to the print is irreparable.

"Careful waxing produces, under the action of heat, a smooth and polished surface on the gelatin along the perforations; provides against undue straining during the first projections of new prints, materially benefits successive runs, and greatly prolongs the commercial life of the prints.

"Cold wax should never be used as it is impossible to apply it evenly. There is also the danger with the cold method of overwaxing with the result that, in contact with the heated pressure springs, the wax melts and spreads over the picture. A very slight application is all that is necessary and is best accomplished by a waxing machine which deposits a thin layer of hot wax along the perforations. New prints treated in this manner require no further waxing."

Film received by the Navy Motion Picture Exchange, Navy Yard, New York, has been "processed" in accordance with terms of the contract before delivery. This "processing" accomplishes the waxing and polishing and the film is ready for projection upon receipt. However, for a check, and inspection,

the film is screened in this exchange before being put in circulation in the Navy. In each case, the record book which accompanies the program is stamped:

"NEW AND UNUSED FILM - USE SPECIAL CARE IN PROJECTING."

Accordingly, it is considered that any damage to film due to collection of wax or emulsion in the machine is directly due to carelessness on the part of the operator.

This damage may not be apparent on the screen in the sound or screen picture, but would be apparent to a careful and alert operator detecting a chattering noise in the machine itself (gate). In case the accumulation became great enough to cause the film to ride over the sound gate, then the damage would be apparent in the sound.

#### JEWISH HIGH HOLY DAYS.

The Jewish High Holy Days include the New Year (Rosh Hashonah), which for the present year begins at sundown of Wednesday, 20 September, and continues until sunset of Friday, 22 September 1933, and the Day of Atonement (Yom Kippur), which begins at sundown of Friday, 29 September, and continues until sunset of Saturday, 30 September 1933.

Leave of absence, with sufficient time to permit them to go to their homes or to neighboring communities to observe the Holy Days, may be granted to men of the Jewish Faith by Commanding Officers, if their services can be spared.

#### REDUCTION IN RATING.

In connection with summary courts-martial and deck court sentences involving reduction in rating, the attention of the service is invited to Paragraph 13, page 516, Naval Digest 1916.