

MARCH 16, 1940

# BUREAU OF NAVIGATION

## BULLETIN

★

NUMBER 279



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

★

COMMENDATIONS.

Auttie White, A.M.lc, U.S.N., attached to the Naval Air Station, San Diego, Calif., was commended by the Chief of the Bureau of Navigation for "the ingenuity and initiative he displayed in devising an improved method for straightening Breeze ignition harness manifolds used in aircraft."

Next of kin: Wife, Mrs. Zella D. F. White,  
1215 Market Street, San Diego, Calif.  
Home address: 1215 Market Street, San Diego, Calif.

Loren Luther Bowers, S.K.lc, U.S.N., U.S.S. Wright, was commended by the Chief of the Bureau of Navigation for "outstanding work in assisting in the preparation of the revision of the Navy Training Courses for the ratings of Ship's Cook second class, Ship's Cook first class, Baker ratings, and Chief Commissary Steward."

Next of kin: Wife, Mrs. Frances F. Bowers, 4585 Campus Ave., San Diego, Cal.  
Home address: 2449 Metzler Drive, Los Angeles, Cal.

Dudley Growther Buzby, CCStd., U.S.N., attached to the Naval Air Station, San Diego, Calif., was commended by the Chief of the Bureau of Navigation for "outstanding work in assisting in the preparation of the revision of the Navy Training Courses for the ratings of Ship's Cook second class, Ship's Cook first class, Baker ratings, and Chief Commissary Steward."

Next of kin: Wife, Mrs. Kathryn Buzby, 4794 Kansas Ave., San Diego, Calif.  
Home address: 4794 Kansas Ave., San Diego, Calif.

Carl Woodrow Smith, A.M.M.lc, U.S.N., attached to Scouting Squadron Forty-two, was commended by the Chief of the Bureau of Navigation for "ingenuity he displayed in originating and building a device for insertion of inter-cylinder drain pipes into the rocker box covers of Pratt and Whitney engines."

Next of kin: Wife, Mrs. Ruby M. Smith, General Delivery, Beebe, Ark.  
Home address: General Delivery, Beebe, Ark.

Richard B. Comstock, A.C.M., U.S.N., attached to the Fleet Air Base, Pearl Harbor, T. H., was commended by the Chief of the Bureau of Navigation for "invention of a Shallow Water Diving Face Plate."

Next of kin: Wife, Mrs. Virginia M. Comstock, 1348 S.Car.Ave.,S.E.,  
Washington, D. C.  
Home address: 1811 W. 103rd St., Chicago, Ill.

SPONSORS.

The Secretary of the Navy has designated Mrs. Ernest J. King, of 2919 43rd St., N. W., Washington, D. C., as sponsor for the U.S.S. TRITON (SS201).

Mrs. King is the wife of Rear Admiral Ernest J. King, U.S.Navy, a member of the General Board, Navy Department, Washington, D. C.

SPONSORS (contd.)

The U.S.S. TRITON (SS201) is scheduled to be launched at the Navy Yard, Portsmouth, N.H., 25 March 1940.

The submarine TRITON was authorized by Act of Congress dated March 27, 1934.

-----  
The Secretary of the Navy has designated Mrs. Albert P. Niblack, Farnsboro Apartment, 2129 Florida Ave., N. W., Washington, D. C., as sponsor for the U.S.S. NIBLACK (DD424), named in honor of her husband, the late Vice Admiral Albert Parker Niblack, U.S.Navy.

The U.S.S. NIBLACK (DD424) is scheduled to be launched at the plant of the Bath Iron Works Corporation, Bath, Maine, May 18, 1940.

This vessel, the first one of that name, was authorized by Act of Congress dated March 27, 1934.

-----  
The Secretary of the Navy has designated the following ladies as sponsors for the Minesweepers RAVEN and OSPREY:

Miss Elizabeth Scott Baker, daughter of Commander Robert N. S. Baker, (CC), U.S.N., Norfolk Navy Yard, Portsmouth, Va., has been designated as sponsor for the U.S.S. RAVEN (AM55).

Miss Margaret Kays, daughter of Captain Herbert E. Kays, U.S.N., Captain of Yard, Norfolk Navy Yard, Portsmouth, Va., has been designated as sponsor for the U.S.S. OSPREY (AM56).

The U.S.S. RAVEN (AM55) was authorized by Act of Congress approved July 30, 1937, and the U.S.S. OSPREY (AM56) was authorized by Act of Congress approved May 17, 1938.

These minesweepers are scheduled to be launched at the Norfolk Navy Yard, Portsmouth, Va., May 2, 1940.

-----  
The Secretary of the Navy has designated Mrs. Mons Monssen of 364 Rutland Rd., Brooklyn, N. Y., as sponsor for the U.S.S. MONSSEN (DD436), named in honor of her husband, the late Lieutenant Mons Monssen, U.S.Navy.

The U.S.S. MONSSEN (DD436) is scheduled to be launched at the Puget Sound Navy Yard, Bremerton, Washington, May 16, 1940.

This vessel, the first one of that name, was authorized by Act of Congress March 27, 1934.

U.S.S. SAILFISH.

The Secretary of the Navy announced recently that the President has selected the name "Sailfish" for the submarine U.S.S. SQUALUS (SS192), which is to be reconditioned and placed back in active service.

The "Sailfish" is any of a genus of large pelagic fishes related to the Swordfish, but having teeth and a very large dorsal fin. They are excellent game fish.

U.S.S. SAILFISH (contd.)

The name "Sailfish" replacing the name "Squalus" became effective February 9, 1940.

SELECTIONS FOR POSTGRADUATE INSTRUCTION.

The Board to select candidates for the Postgraduate School in accordance with Bureau of Navigation Circular Letters No. 23-39 and No. 5-40 convened at the Navy Department on March 4, 1940. The membership of the Board was as follows:

Senior Member - Captain George V. Stewart, U.S.N.

Members: Captain George D. Murray, U.S.N.,  
Commander Forrest U. Lake, "  
" Albert G. Noble, "  
" Thomas E. Inglis, "  
" David H. Clark, "  
" Stuart S. Murray, "

Recorder: Lt. Commander Campbell D. Emory, U.S.N.

-----  
The following candidates were selected for postgraduate instruction, grouped as indicated:

AEROLOGY. (4)

Lieutenant (j.g.)	William J. Dimitrijevic, U.S.N.	Class of 1932
"	William R. Franklin, "	" " 1932
"	James S. Shilson, "	" " 1934
"	Bernard A. Smith, "	" " 1934

AERONAUTICAL ENGINEERING. (7)

Lieutenant (j.g.)	Spencer M. Adams, U.S.N.	Class of 1934
"	Richard F. Kane, "	" " 1934
"	Edwin S. Lee, Jr., "	" " 1934
"	Fred D. Pfotenhauer, "	" " 1934
"	Cedric W. Stirling, "	" " 1934
"	William E. Sweeney, "	" " 1934
"	Robert L. Townsend, "	" " 1934

COMMUNICATIONS (APPLIED). (16)

Lieutenant (j.g.)	Samuel Bertolet, U.S.N.	Class of 1933A
"	Horace V. Bird, "	" " 1933A
"	Earnest G. Campbell, "	" " 1933A
"	Lester C. Conwell, "	" " 1933A
"	Richard G. Copeland, "	" " 1933A
"	Charles B. Jackson, Jr., "	" " 1933A
"	Carlton B. Jones, "	" " 1933A
"	Leon S. Kintberger, "	" " 1932
"	Willard R. Laughon, "	" " 1933A

COMMUNICATIONS (APPLIED) (contd.)

Lieutenant (j.g.)	Laurence H. Marks,	U.S.N.	Class of 1933A
"	" Dale Mayberry,	"	" " 1933A
"	" Frederick W. Purdy,	"	" " 1933A
"	" John Shannon,	"	" " 1933A
"	" Martin A. Shellabarger,	"	" " 1933A
"	" Charles M. Sugarman,	"	" " 1932
"	" Waldemar F. A. Wendt,	"	" " 1933A

GENERAL LINE. (24)

Lieutenant (j.g.)	Benjamin B. Cheatham,	U.S.N.	Class of 1933A
"	" Joseph P. Costello,	"	" " 1933A
"	" Roy M. Davenport,	"	" " 1933A
"	" Mark E. Dennett,	"	" " 1932
"	" Charles W. Duncan,	"	" " 1933A
"	" Thomas M. Fleck,	"	" " 1932
"	" William H. Groverman, Jr.,	"	" " 1932
"	" Brooks J. Harral,	"	" " 1932
"	" Ralph C. Johnson,	"	" " 1932
Lieutenant	William D. Kelly,	"	" " 1933A
Lieutenant (j.g.)	Joseph W. Koenig,	"	" " 1933A
"	" Michael J. Lucey,	"	" " 1932
"	" Albert S. Major, Jr.,	"	" " 1932
"	" Samuel P. Moncure,	"	" " 1932
"	" Milton F. Pavlic,	"	" " 1933A
"	" Ralph M. Pray,	"	" " 1932
"	" Clayton R. Simmers,	"	" " 1932
"	" Charles H. Smith,	"	" " 1933A
"	" Louis J. Stocker,	"	" " 1933A
"	" Millener W. Thomas,	"	" " 1933A
"	" Vernon C. Turner,	"	" " 1933A
"	" Theodore R. Voageley,	"	" " 1932
"	" Thomas F. Williamson,	"	" " 1933A
"	" Herbert C. Yost,	"	" " 1933A

NAVAL ENGINEERING (DESIGN). (7)

Lieutenant (j.g.)	William A. Brockett,	U.S.N.	Class of 1934
"	" William B. Brooks,	"	" " 1934
"	" Francis E. Brown,	"	" " 1933A
"	" James P. Craft, Jr.,	"	" " 1934
"	" James E. Halligan, Jr.,	"	" " 1934
"	" Edwin H. Schantz,	"	" " 1934
"	" Arthur W. Smith,	"	" " 1934

NAVAL ENGINEERING (OPERATING). (24)

Lieutenant (j.g.)	Charles F. Brindupke,	U.S.N.	Class of 1932
"	" Merrill K. Clementson,	"	" " 1933A
"	" Fred Comaway,	"	" " 1932
"	" Anthony H. Dropp,	"	" " 1932
"	" Raymond L. Fulton,	"	" " 1933A
"	" Philip W. Garnett,	"	" " 1933A
"	" Paul H. Grouleff,	"	" " 1932



RADIO ENGINEERING. (5)

Lieutenant (j.g.)	Norman W. Gambling,	U.S.N.	Class of 1933A
"	" Ezra G. Howard,	"	" " 1933A
"	" Grayson Merrill,	"	" " 1934
"	" John M. Phelps,	"	" " 1934
"	" Frank D. Schwartz,	"	" " 1933A

DUTY WITH NAVAL MISSIONS OR AS NAVAL ATTACHES IN FOREIGN COUNTRIES.

The Bureau of Navigation Bulletin Number 278, of February 10, 1940, carried an item captioned "Duty with Naval Missions or as Naval Attaches in Foreign Countries," which dealt with certain of the phases of these duties and stating that applications for such duty are welcomed by the Bureau.

Vacancies that will occur in 1940 and 1941 are listed below for the specific assignments noted and requests should be submitted at this time by officers desiring any of these assignments:

<u>Month</u>	<u>Duty</u>	<u>1940</u> <u>Place</u>	<u>Rank</u>
March	Mission (Chief)	Lima	Captain
November	Mission (Chief)	Rio de Janeiro	Captain
November	Mission (Aviator)	Rio de Janeiro	Lt. Comdr. or Lieut.
November	Mission (Comma.)	Rio de Janeiro	Comdr. or Lt. Comdr.
November	Mission (Constructor)	Rio de Janeiro	Lt. Comdr. or Lieut. (CC)
November	Mission (Engineer)	Rio de Janeiro	Comdr. or Lt. Comdr.
November	Mission (Gunnery)	Rio de Janeiro	Comdr. or Lt. Comdr.
October	Mission (Chief)	Cartagena	Captain
November	Attache	Rome	Captain or Comdr.

<u>1941</u>			
<u>Month</u>	<u>Duty</u>	<u>Place</u>	<u>Rank</u>
March	Attache	Berlin	Captain or Comdr.
June	Asst. Attache (Aviator)	Berlin	Comdr. or Lt. Comdr.
May	Attache (Aviator)	Bogota	Comdr. or Lt. Comdr. *
May	Attache	Rio de Janeiro	Captain or Comdr.
April	Mission (War College)	Rio de Janeiro	Comdr. or Lt. Comdr.
December	Mission (War College)	Rio de Janeiro	Comdr. or Lt. Comdr.
December	Attache (Aviator)	Caracas	Comdr. or Lt. Comdr. *
April	Mission (Asst. Chief)	Cartagena	Commander
June	Mission (Engineer)	Cartagena	Lt. Comdr. or Lieut.
April	Mission (Gunnery)	Cartagena	Lt. Comdr. or Lieut.
April	Mission (Constructor)	Cartagena	Lt. Comdr. or Lieut. (CC)
April	Mission (Supply)	Cartagena	Lt. Comdr. or Lieut. (SC)
May	Attache	The Hague	Capt. or Comdr.
April	Attache	Lima	Comdr. or Lt. Comdr.
April	Attache (Aviator)	Madrid	Captain or Comdr.
April	Asst. Attache	London	Comdr. or Lt. Comdr.
April	Asst. Attache (Aviator)	"	Comdr. or Lt. Comdr.
May	Asst. Attache (Constr.)	"	Comdr. or Lt. Comdr. (CC)
April	Attache (Aviator)	Mexico City	Captain or Comdr.

DUTY WITH NAVAL MISSIONS OR AS NAVAL ATTACHES IN FOREIGN COUNTRIES (contd.)

<u>Month</u>	<u>Duty</u>	<u>1941 (contd.)</u>	<u>Place</u>	<u>Rank</u>
April	Asst.Attache (Aviator)		Paris	Comdr. or Lt.Comdr.
April	Asst.Attache (Courier)		Paris	Lt.Comdr. or Lieut.
February	Asst. Attache		Rome	Comdr. or Lt. Comdr.
February	Attache		Santiago	Comdr. or Lt.Comdr.
April	Attache		Tokyo	Captain or Comdr.
April	Asst. Attache		Tokyo	Comdr. or Lt. Comdr.
April	Asst. Attache (Aviator)		Tokyo	Lt. Comdr. or Lieut.

\* - Or Marine Corps of equivalent rank.

Note 1. The month specified opposite each assignment is the month that the officer selected should report in the Division of Naval Intelligence before proceeding to his post assuming that a contact relief will be made. It is subject to some variation as circumstances necessitate.

Note 2. The ranks specified for each assignment is a general guide only and is subject to some variation.

Requests for duty on missions and in attache offices should, if practicable, be submitted to the Bureau of Navigation at least one year in advance of the date that the services of the officer will be required in the Division of Naval Intelligence.

As a general rule, officers serve on temporary duty in the Division of Naval Intelligence for a period of about one month prior to departing for their posts abroad if the exigencies of the Service permit.

ASSIGNMENT OF ENSIGNS, CLASS OF 1940, TO U.S.FLEET.

The Bureau of Navigation contemplates assigning the Class of 1940, upon graduation, to ships of the Fleet approximately as follows:

Lexington and Saratoga	12 each
Yorktown, Enterprise and Ranger	8 "
Wasp	3 "
BB U. S. Fleet	12 "
BB Atron	1 "
CA	6 "
CL Brooklyn class	6 "
CL Omaha class	3 "

EXAMINATIONS FOR PROMOTION TO LIEUTENANT COMMANDER AND LIEUTENANT.

Because of complications occasioned by the Line personnel laws, the Bureau is unable to state at this time the exact dates of promotion of officers recently selected for promotion to the grades of Lieutenant Commander and Lieutenant. However, it is estimated that all Lieutenants on the promotion list senior to Clyde M. Jensen and all Lieutenants (jg) senior to Walter D. Innis will become eligible for promotion not later than May 1, 1940.

EXAMINATIONS FOR PROMOTION TO LIEUTENANT COMMANDER AND LIEUTENANT. (contd.)

The Bureau will proceed at once to issue the necessary orders to this group of officers with instructions that examinations be completed not later than July 1, 1940.

Of those remaining on the promotion list, it is believed that Lieutenants senior to Samuel M. Tucker and Lieutenants (jg) senior to Vernon C. Turner will make their numbers on or before July 1, 1940. For this group the Bureau contemplates the issuance of orders in April, with instructions that the examinations be completed not later than September 1, 1940.

It is expected that orders for examinations of the remaining officers on these promotion lists will be issued about two months in advance of the dates on which they become eligible for promotion, directing that examinations be completed during the ensuing four months.

EXAMINATIONS OF LINE OFFICERS FOR PROMOTION.

The Bureau has received several communications calling attention to the increased demand placed on officer personnel of the Navy incident to the state of limited emergency and to the accelerated building program, and recommending that certain officers be examined professionally on their records only, instead of by the usual written examinations.

The Department considers that written professional examinations serve an important part in demonstrating the qualifications of officers for promotion. As these examinations cover basic professional subjects only, officers are expected to be prepared for these examinations upon becoming due for promotion.

Recent orders have authorized examinations to be conducted within a period of three or four months, instead of within fifteen days, as was formerly the case. When information is available sufficiently in advance of the dates on which officers become due for promotion, the Bureau endeavors to issue orders so that necessary papers will arrive about two months in advance of such dates, authorizing examinations to be held during the ensuing four months.

The Bureau considers that, in most cases under this procedure, written supervisory examinations can be conducted without serious interference with regularly assigned duties, and without undue delay in the completion of examinations or in promotion.

RESERVE OFFICERS - FITNESS REPORTS.

Bureau of Navigation Circular Letter No. 48-39, of December 8, 1939, directs that fitness reports on all reserve officers ordered to active duty afloat shall be submitted quarterly, in duplicate, original to the Bureau of Navigation, copy to the Commandant of the Naval District having cognizance. This is intended to apply to all reserve officers on active duty afloat regardless of rank, and including Merchant Marine Reserve officers.

## RESERVE OFFICERS - FITNESS REPORTS. (contd.)

In the cases of Naval Reserve officers on active duty ashore, fitness reports are to be submitted in accordance with Article H-1810(2), Bureau of Navigation Manual as amended by Naval Reserve Multiple Address Letter No. 4 of February 5, 1940, addressed to Commandants of all Naval Districts.

There have been a number of cases in which fitness reports of reserve officers have not been routed in accordance with the instructions referred to in the previous paragraphs. The attention of reporting seniors is invited to the importance of promptly forwarding these fitness reports to the proper addressees in order that files may be kept complete and up-to-date.

### HYDROGRAPHIC OFFICE PUBLICATION NO. 214 "TABLES OF COMPUTED ALTITUDE AND AZIMUTH."

Volume II of H.O. Publication No. 214 is now on issue to naval vessels and may be purchased by the public from the Superintendent of Documents, Government Printing Office.

H.O. Publication No. 214, comprising seven volumes, is based on the most rapid means of accurately fixing the position of a ship or airplane. These volumes are made up in ten degree latitude bands and can be used in either the northern or southern hemisphere. Three volumes are now available covering latitudes 10° to 39°. Work is underway on Volume III covering latitudes 0° to 9° and Volume V covering latitudes 40° to 49°, and it is anticipated that they will be ready for issue in the near future.

Each volume of this publication contains over 260 pages of tables, and required the computation of approximately 600,000 spherical angles. To maintain the necessary accuracy involves over 4,000,000 steps in computation and checking.

### HYDROGRAPHIC OFFICE - ANALYSIS OF OCEAN CURRENTS.

From the beginning of the twentieth century the Hydrographic Office has been receiving reports of currents and ocean temperatures from mariners plying all the ocean routes. Some of the reports showing abnormal currents experienced have been published to the maritime world, but no summation or averaging of these values was practicable covering a long period of time.

Recently this work was undertaken by the Hydrographic Office, no such complete analysis having been undertaken since Matthew Fontaine Maury's scientific investigation of ocean winds and weather almost a century ago. The tabulation of current and temperature for the North Pacific Ocean has been completed.

The results will greatly assist in promoting safer navigation as well as extend the knowledge of meteorological conditions in the various navigable parts of the world. As the results are being charted, vagaries long suspected in the geographic position of current streams are being confirmed. The scientific data obtained will materially aid in the solving of existing problems relative to oceanic water circulation; climatic, meteorological and atmospheric changes; the movement and disintegration of icebergs; and will materially advance the safety of both surface and aerial navigation.

PILOTAGE FEES.

The Commandant, Navy Yard, Pearl Harbor, has informed the Bureau that effective March 1, 1940, all naval vessels employing territorial pilots for entering and leaving territorial ports will be charged regular pilotage fees. Naval vessels desiring civilian pilots for entering and leaving Honolulu Harbor may obtain services of yard pilots by advising the Commandant, Navy Yard, Pearl Harbor, as far in advance as practicable.

INFORMATION REGARDING OPERATIONS OF  
THE NAVY RELIEF SOCIETY DURING THE YEAR 1939.

"FROM: The Navy Relief Society.  
TO: The Chief of Bureau of Navigation,  
Navy Department.

SUBJECT: Information regarding operations of the Navy Relief Society during the year 1939.

1. If not inconsistent with the Navy Regulations or a policy or rule of the Navy Department or the Bureau of Navigation, may I suggest and request that the following information, which it is believed will be of interest to the officers and enlisted force of the Navy and the Marine Corps, be published in the Bureau's Bulletin and perhaps shown on the screen on the various vessels of the Navy?

During the year 1939 the Relief Society gave \$68,265.09, in the form of monthly allotments or lump sums of money, to 332 dependents of naval personnel.

During the same period the Society loaned \$442,441.50 to 9,490 persons in the Navy and Marine Corps and received in repayment of these loans the sum of \$420,283.17.

Contributions to the Society enabled it to meet such calls upon it for aid.

/s/ Spencer S. Wood. "

SALVAGE OF MOTION PICTURE FILM.

The following is quoted from a recent Bureau of Navigation letter:

"Due to measures taken, which satisfactorily restored one reel of the subject program that had fallen overboard, the necessity of replacing the film and consequent assessment against the U.S.S. \_\_\_\_\_ are eliminated."

ROSEMONT COLLEGE, ROSEMONT, PENNSYLVANIA.

This college is located eleven miles from Philadelphia on the Main Line of the Pennsylvania Railroad. It is strictly liberal arts and is Roman Catholic but students of other Christian denominations are accepted. Tuition, board, and fees amount to approximately \$1100 but a flat rate of \$700 will be given to daughters of officers and men of the service.

ST. EDMUND'S SCHOOL, STOCKBRIDGE, MASS.

This school, to open in 1940, is a church (Episcopal) boarding school to prepare students for entrance to college according to standards set by the College Entrance Examination Board. Day and boarding students are accepted at fees of \$350 and \$900 yearly, respectively. Ten scholarships of \$200 each are offered to sons of naval personnel.

RENSSELAER POLYTECHNIC INSTITUTE.

Eligibility for the scholarship offered by Rensselaer Polytechnic Institute has been extended by the school authorities to sons of petty officers of the Navy or non-commissioned officers of the Marine Corps.

This scholarship is for the full tuition (\$450 a year) and continues for four years if the student maintains a high scholastic standing. The Bureau of Navigation designates the recipient from all applicants; applications should reach the Bureau on the proper form by July 15, 1940. (See BuNav. Bulletin No. 276.)

LANGUAGE STUDENT - DUTCH AND MALAY.

It is planned to send a line officer of the Navy to Batavia, Dutch East Indies, to study the Dutch and Malay languages.

The officer selected will leave the United States for Batavia during the Spring or Summer of 1940. The course will be of two or three years duration.

In general, the requirements of Art. E-1401, Bureau of Navigation Manual, will apply except that the marital status of candidates will not be a consideration and considerable latitude will be given in the matter of age.

In view of the fact that the study of two foreign languages will be undertaken concurrently, special consideration will be given applicants who already have some knowledge of the Dutch language.

Officers interested in this detail should submit requests at once.