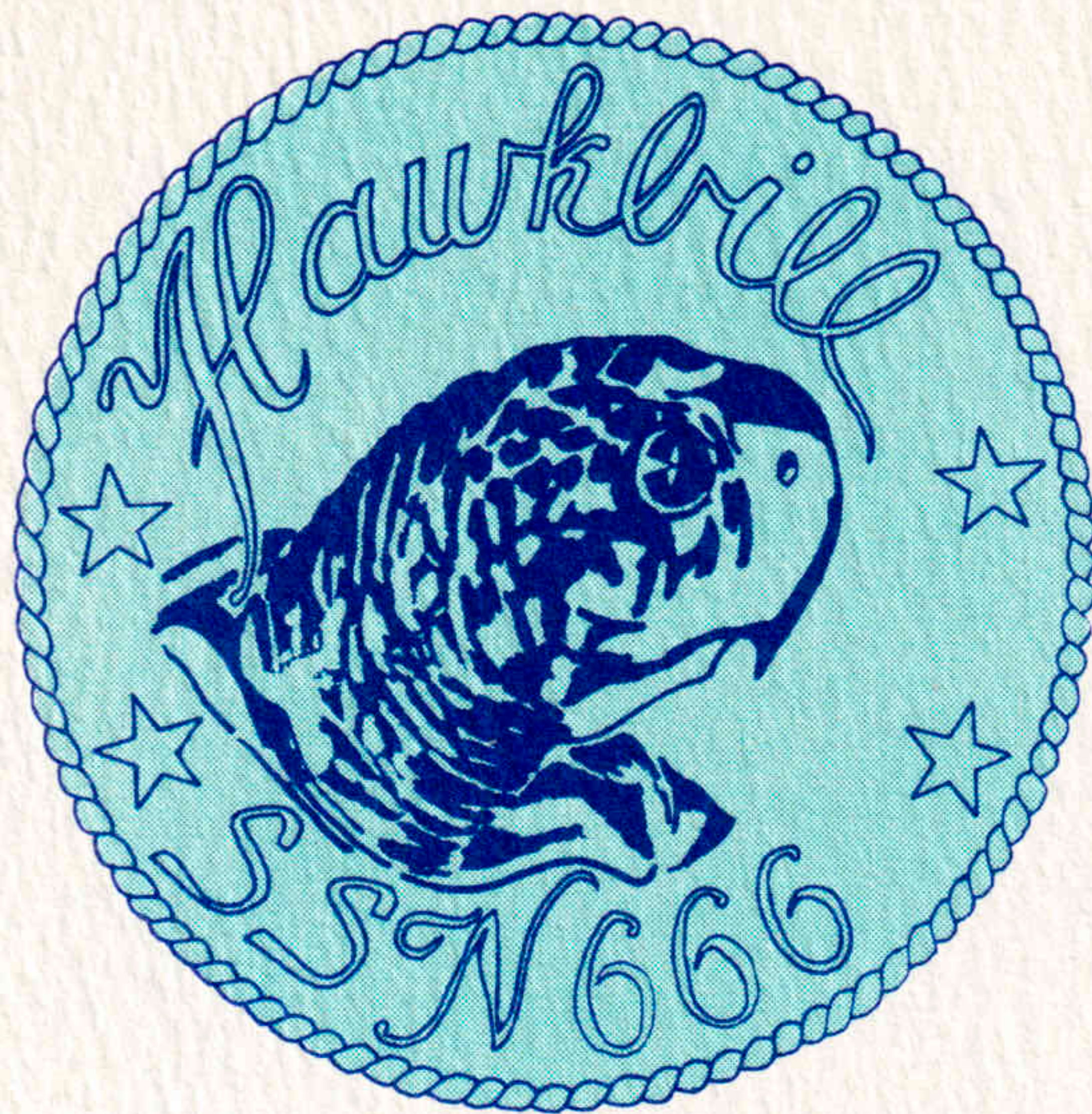




UNITED STATES PACIFIC FLEET



UNITED STATES SHIP HAWKBILL

WELCOME ABOARD

The officers and crew take great pride in extending to you the hospitality of the Submarine Force of the United States Navy. It is our desire to make your stay with us as pleasant as possible. All members of the ship's crew are ready to assist you in any way possible — you have only to ask.

As a warship, HAWKBILL is neither spacious nor designed for large numbers of people. We ask that you bear with us in this respect since we share your inconvenience. This pamphlet has been prepared as a memento of your visit. It also provides information necessary to ensure your health and comfort while on board.

As your hosts, all of us in HAWKBILL hope your visit will be informative, interesting, and pleasant.

COMMANDING OFFICER
USS HAWKBILL (SSN-666)

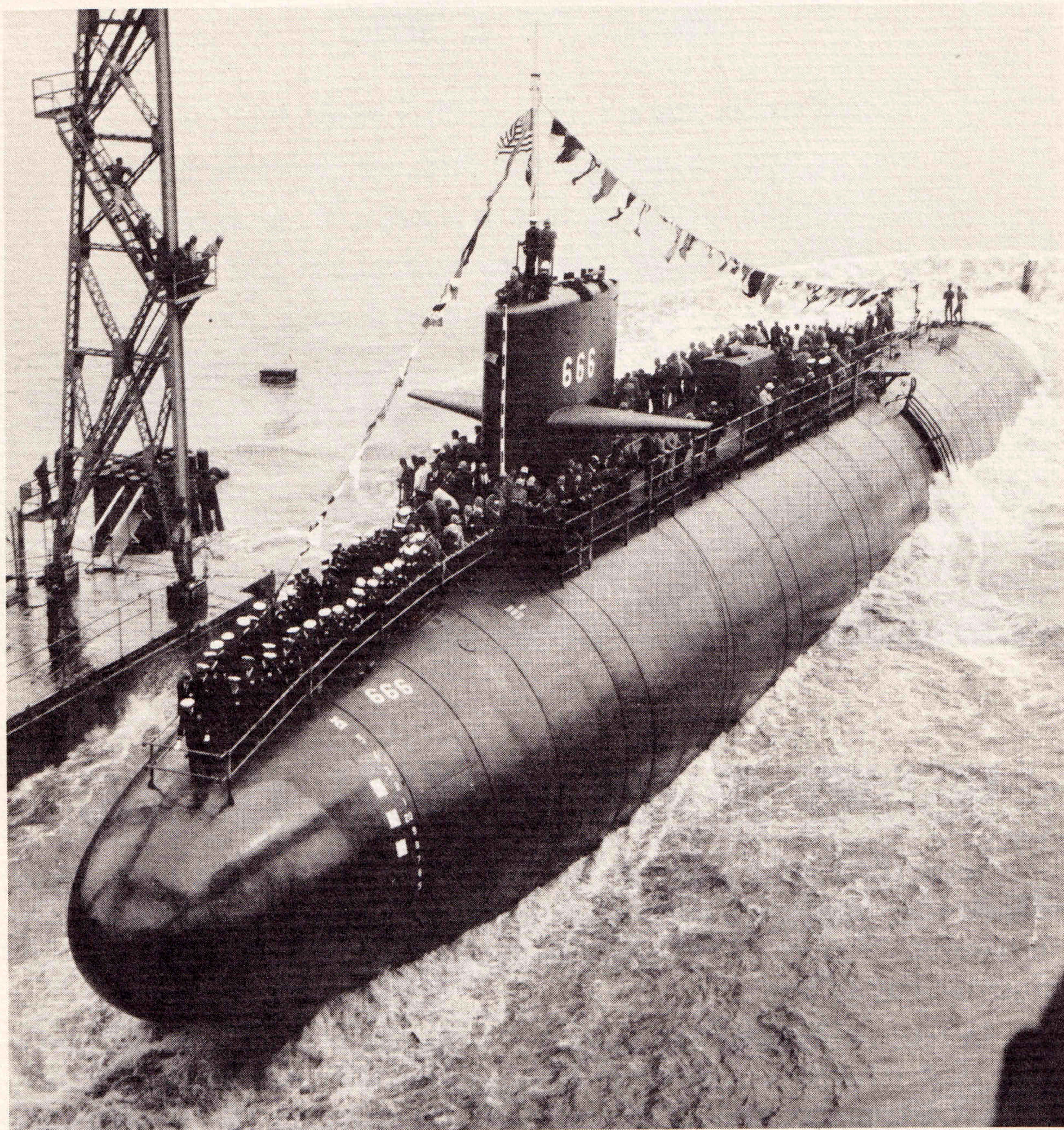
USS HAWKBILL (SSN 666)

VITAL STATISTICS

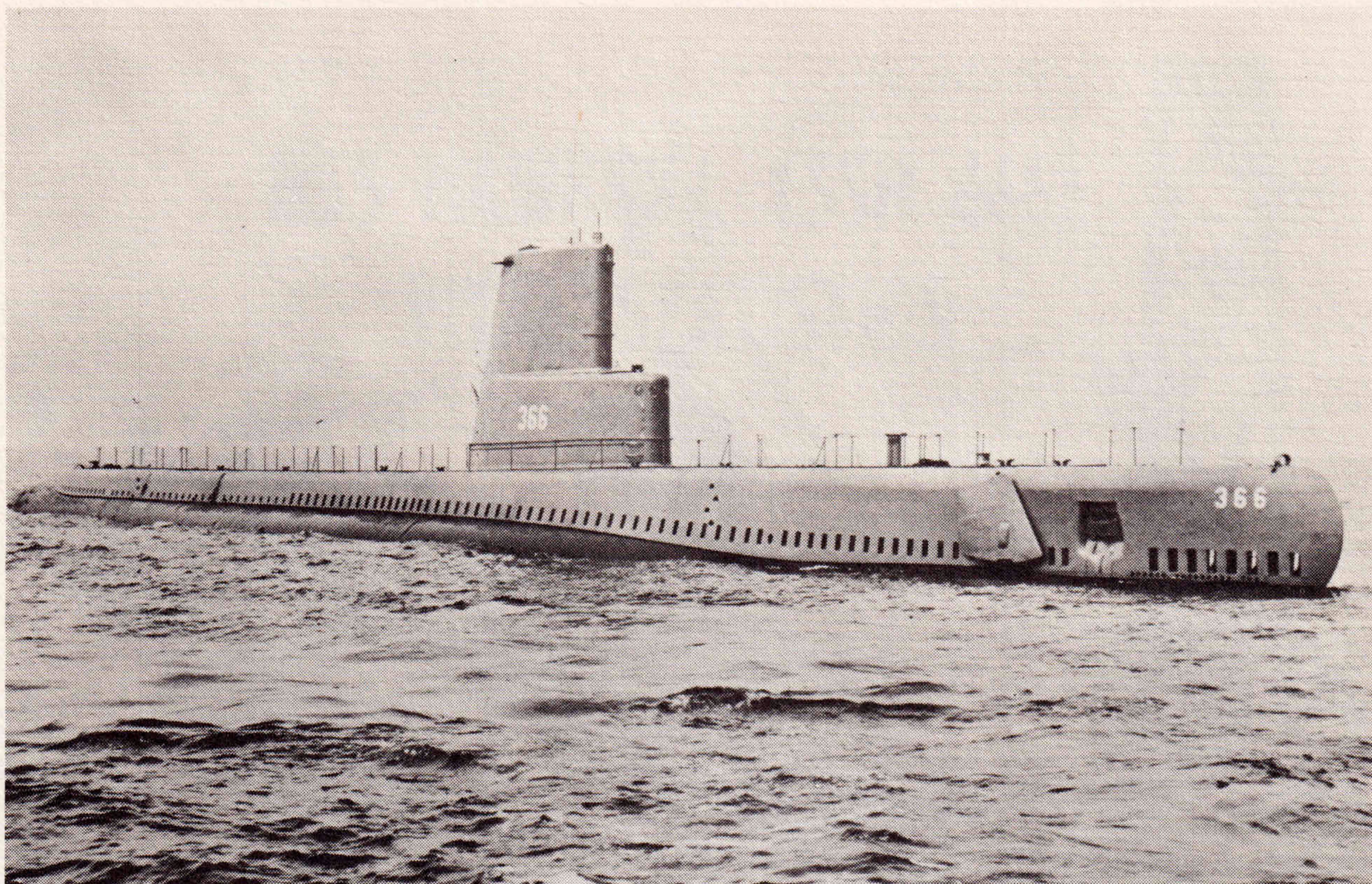
Built by

MARE ISLAND NAVAL SHIPYARD

Keel laid	12 September 1966
Launched	12 April 1969
Sponsored by	Mrs. Bernard F. Roeder
Length	292 feet
Beam	32 feet
Displacement surfaced	4060 tons
Speed	Over 20 knots
Diving depth	Over 400 feet
Assignment	Submarine Squadron Five, San Diego, California



LAUNCHING THE ATTACK SUBMARINE USS HAWKBILL (SSN-666)



HISTORY OF USS HAWKBILL (SS 366)

HAWKBILL was built by the Manitowoc Shipbuilding Company, Manitowoc, Wisconsin. She was launched 9 January 1944 and commissioned 17 May 1944. LCDR F. W. SCANLAND, JR., was her first commanding officer.

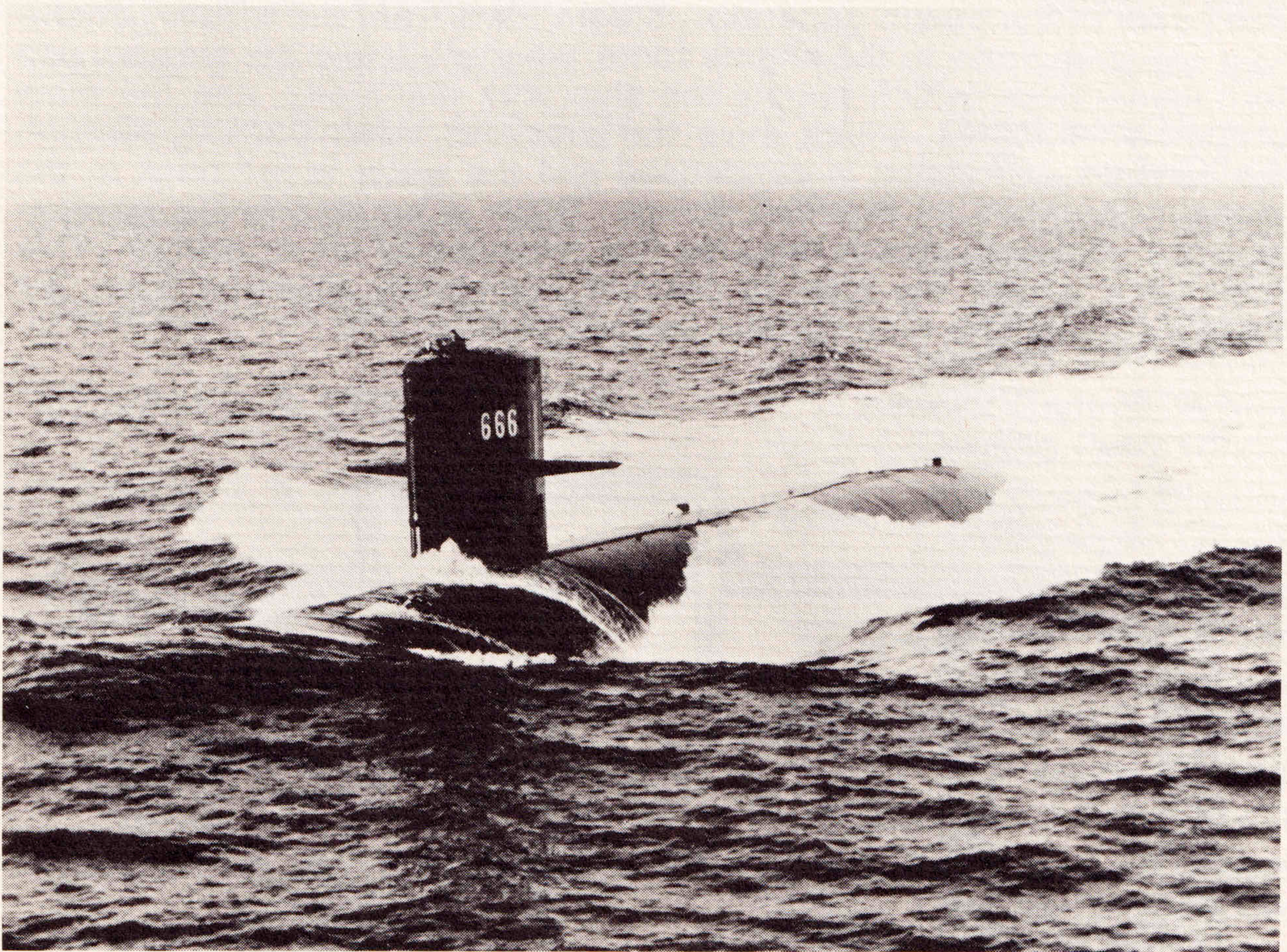
In four successful war patrols, the first one beginning on 23 August 1944, HAWKBILL sank five Japanese ships for a total of 7,856 tons. She shared in the sinking of two other ships for an additional 10,350 tons. For these patrols HAWKBILL was awarded six Battle Stars on the Asiatic-Pacific Area Service Medal. She also was awarded the Navy Unit Commendation.

HAWKBILL was first decommissioned in November 1945. She was recommissioned in April 1952, modernized, and converted to a fleet snorkel submarine. In April 1953 she was decommissioned and delivered to the Royal Netherlands Navy for service as H. M. ZEELEEUW.

SHIP'S MISSION

USS HAWKBILL (SSN-666) is a fast-attack nuclear submarine of the SSN 637 Class. Her primary mission is to seek out and destroy enemy ships of any type. She is equipped with the most advanced sonar and fire control systems of the present day.

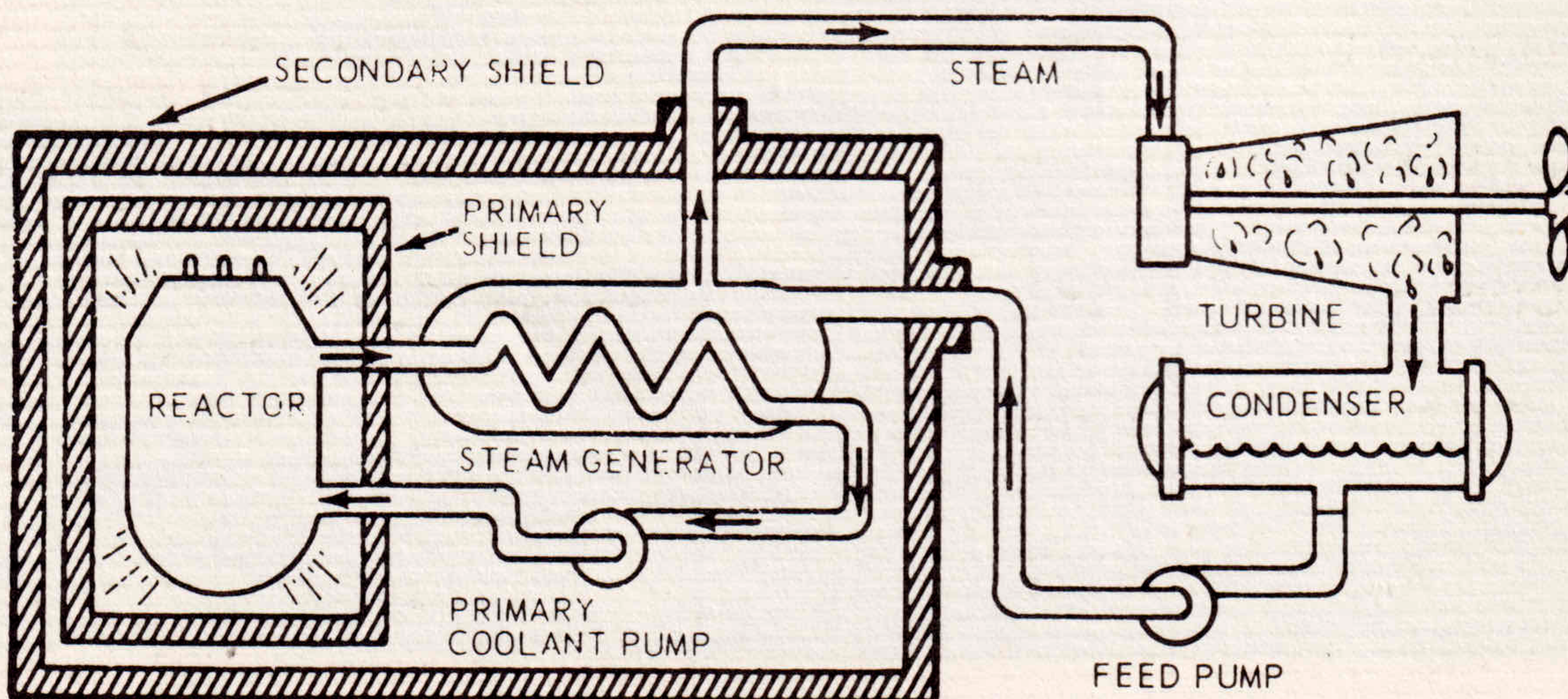
HAWKBILL has been specially designed to operate quietly and indefinitely at high speeds while completely submerged. This gives her great advantage in offensive and defensive action.



THE POWER PLANT

HAWKBILL is powered by a nuclear power plant which consists of a nuclear reactor with its associated circulating water, steam cycles, and auxiliary machinery. The primary system is a circulating water cycle and consists of the reactor, identical port and starboard loops of piping, primary coolant pumps, and the tubes of the steam generators. Heat is produced in the reactor by nuclear fission and is transferred to the circulating primary coolant water which is pressurized to prevent boiling. This water is then pumped through the steam generator tubes, where it transfers its heat to the shell, or the secondary side of the steam generators, where it boils water to form steam. It is then pumped back to the reactor by the primary coolant pumps where it is heated for the next cycle.

The secondary system is the steam-producing cycle and is made up of the shell side of the steam generators, turbines, condensers, and steam generator feed pumps. It is completely isolated from the primary system since the primary water goes through the tubes of the steam generator while the water which is boiling to make steam is on the shell side of the steam generator. Steam rises from the steam generators and then flows to the engine room, where it drives the ship service turbogenerators, which supply the ship with electricity, and the main propulsion turbines, which drive the propeller. After passing through the turbines, the steam is condensed and the water is fed back to the steam generators by the feed pumps. There is no step in the generation of this power, which requires the presence of air or oxygen. This fact alone allows the ship to operate completely divorced from the earth's atmosphere for extended periods of time.



ROSTER

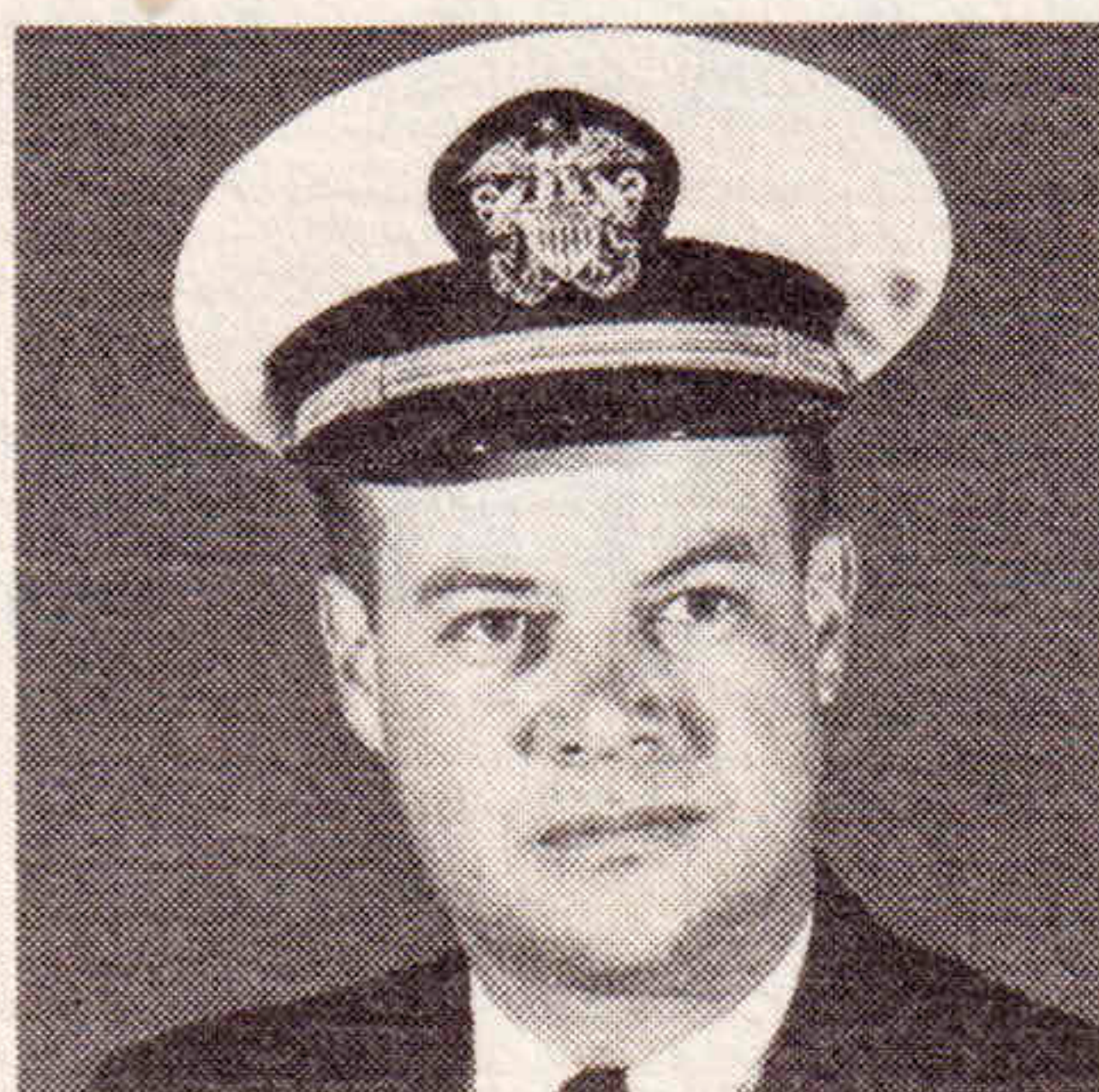
OFFICERS AND CHIEF PETTY OFFICERS

CDR C. H. BROWN, USN	Commanding Officer
LCDR G. R. STUBBS, USN	Executive Officer
LCDR R. E. WESTFALL, USN	Navigator
LCDR R. H. HARTMAN, USN	Engineer Officer
LT S. M. BUESCHER, USN	Weapons Officer
LT C. L. SHOEMAKER, USN	Communications Officer
LT J. M. SULLIVAN, USN	Main Propulsion Assistant
LT F. A. ADAMS, USN	Sonar Officer
LT R. A. SHULTZ, USNR	Damage Control Assistant
LTJG J. H. ALMY, USN	Electrical Officer
LTJG O. K. EARLE, USN	First Lieutenant
LTJG(SC) M. H. LEYMASTER, USN	Supply Officer
QMC(SS) L. M. BARNES, USN	Chief of the Boat
MMCS(SS) H. R. GARLAND, USN	Machinery Division Leading Petty Officer
STCS(SS) F. P. KONICKI, USN	Sonar Division Leading Petty Officer
EMCS(SS) M. P. SHUMAN, USN	Electrical Division Leading Petty Officer
ETCS(SS) C. R. STEWARD, USN	Reactor Control Division Leading Petty Officer
FTGC(SS) E. B. CURTIS, USN	Fire Control Division Leading Petty Officer
RMC(SS) H. COKER, USN	Communications Division Leading Petty Officer
ICC(SS) L. COSTA, USN	Leading Interior Communications Division Petty Officer
TMC(SS) A. K. KAMAKEEAINA, USN	Torpedo Division Leading Petty Officer
STC(SS) F. O. WATERS, JR., USN	Sonar Division Assistant Leading Petty Officer
STC(SS) D. R. OROSZ, USN	Sonar Division Assistant Leading Petty Officer
HMC(SS) M. R. WHITLEY, JR., USN	Ship's Hospital Corpsman

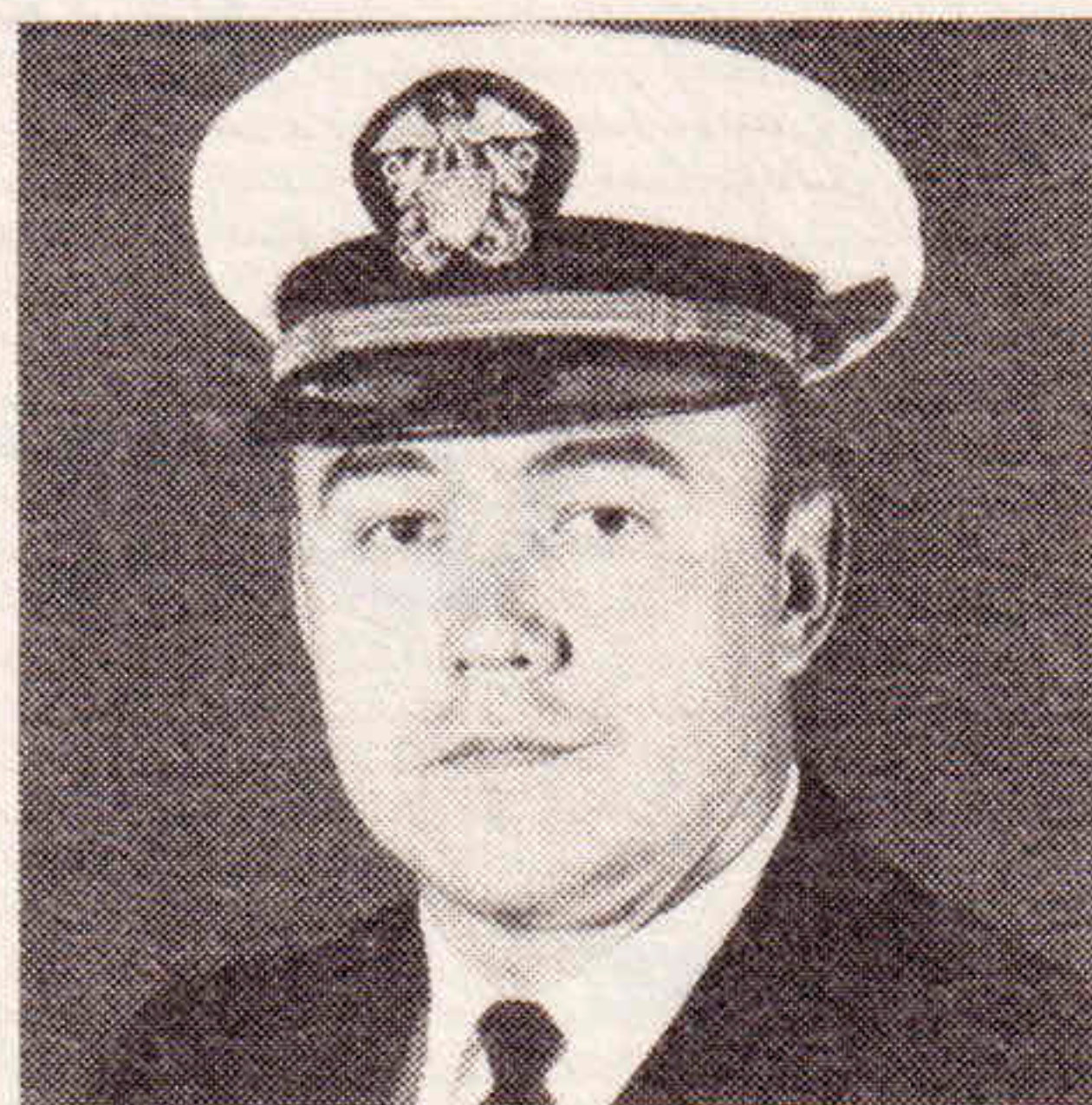


**COMMANDING OFFICER
CHRISTOPHER H. BROWN
Commander, U.S. Navy**

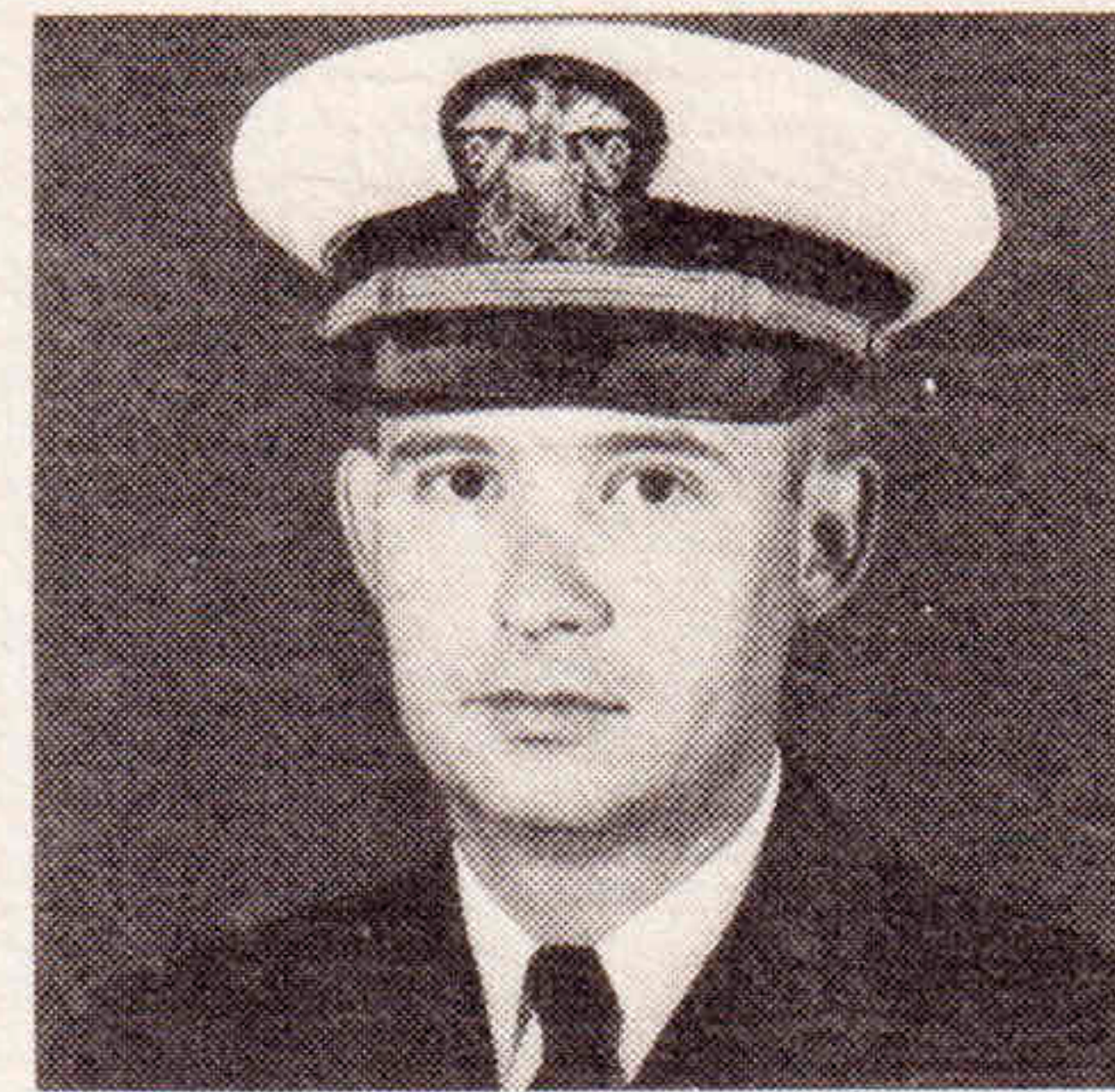
WARDROOM
USS HAWKBILL (SSN-666)



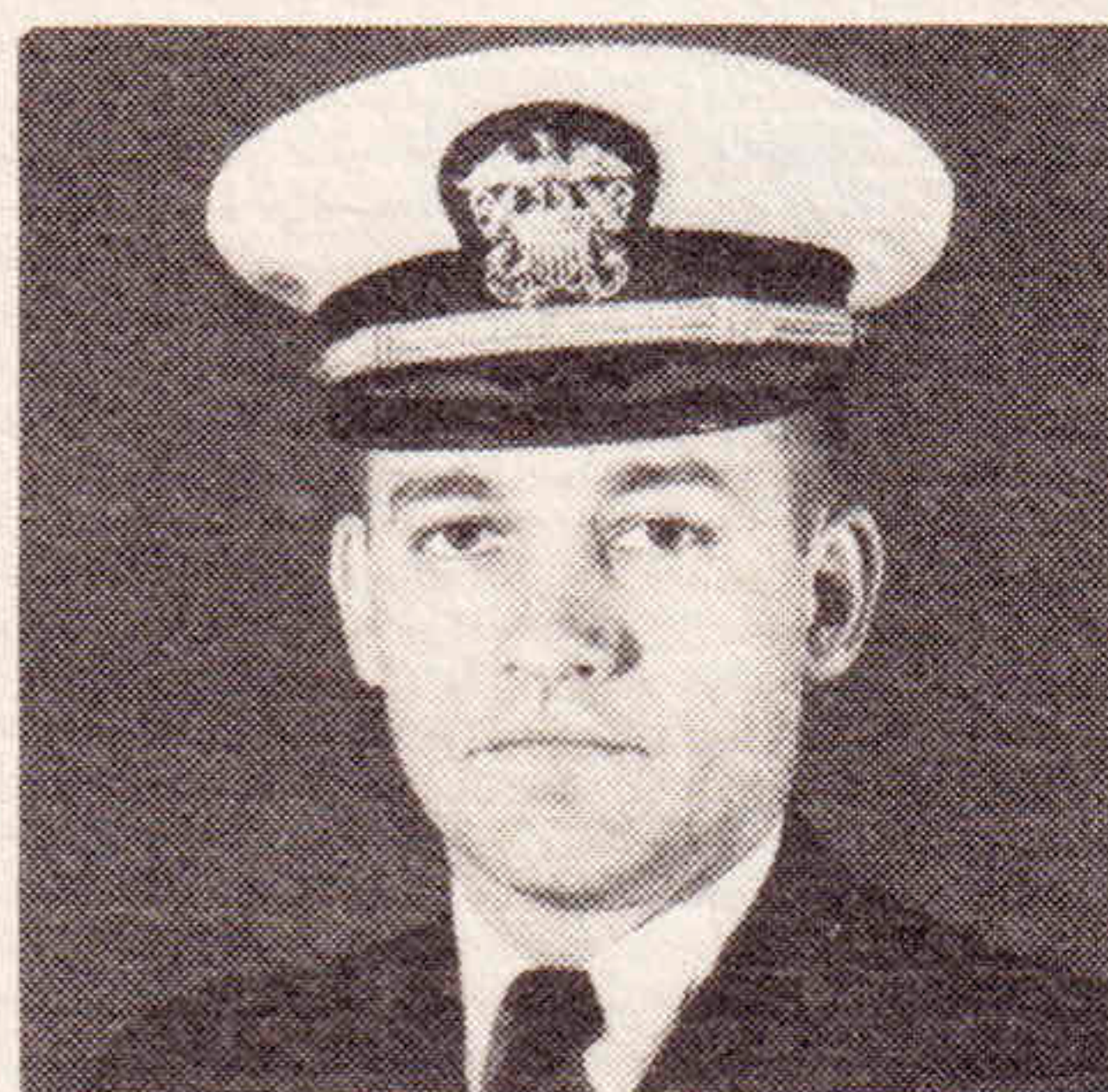
**LCDR G. R. Stubbs,
USN
Executive Officer**



**LCDR R. E. Westfall,
USN
Navigator**



**LCDR R. H. Hartman,
USN
Engineer**



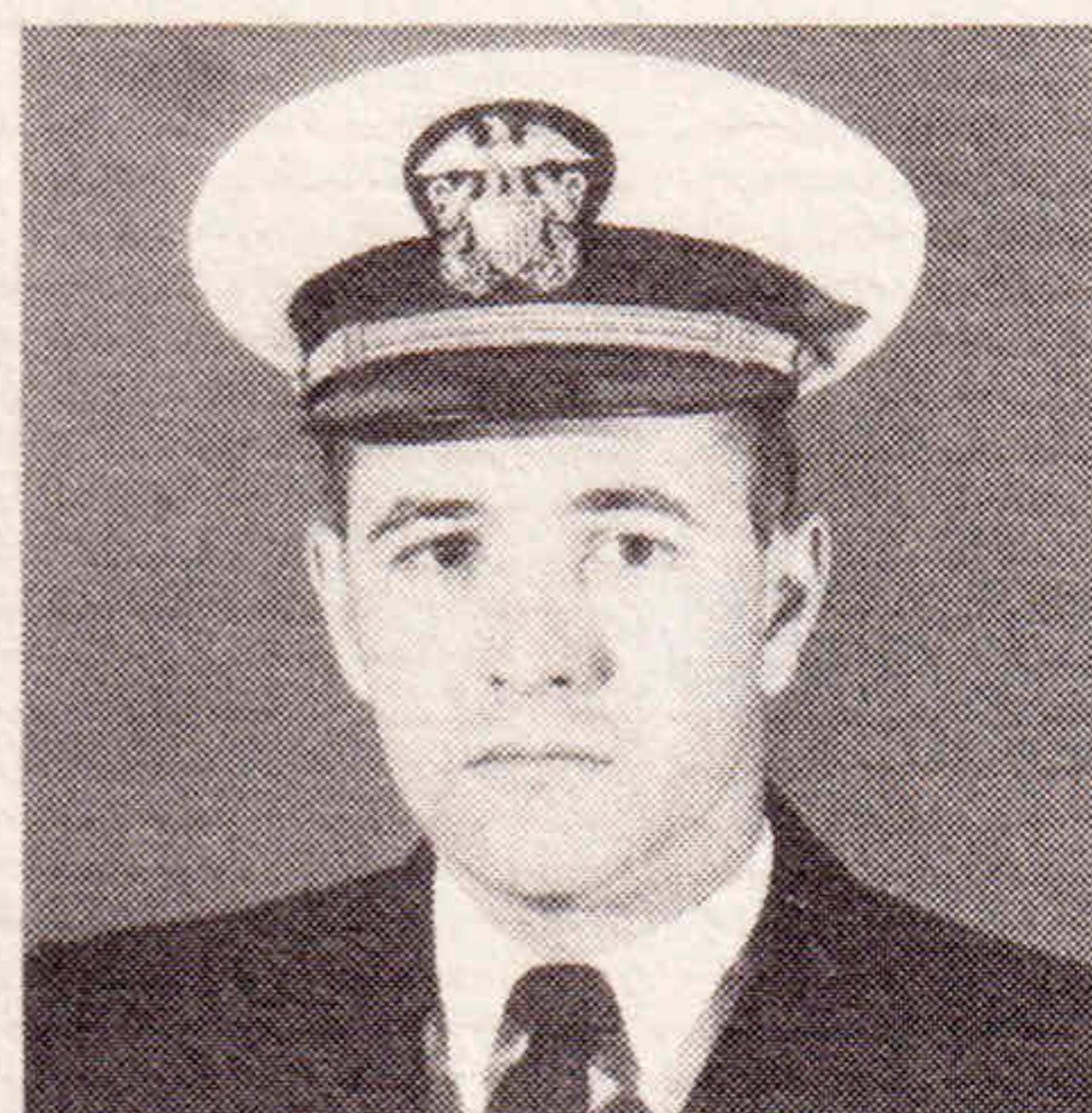
**LT S. M. Buescher,
USN
Weapons**



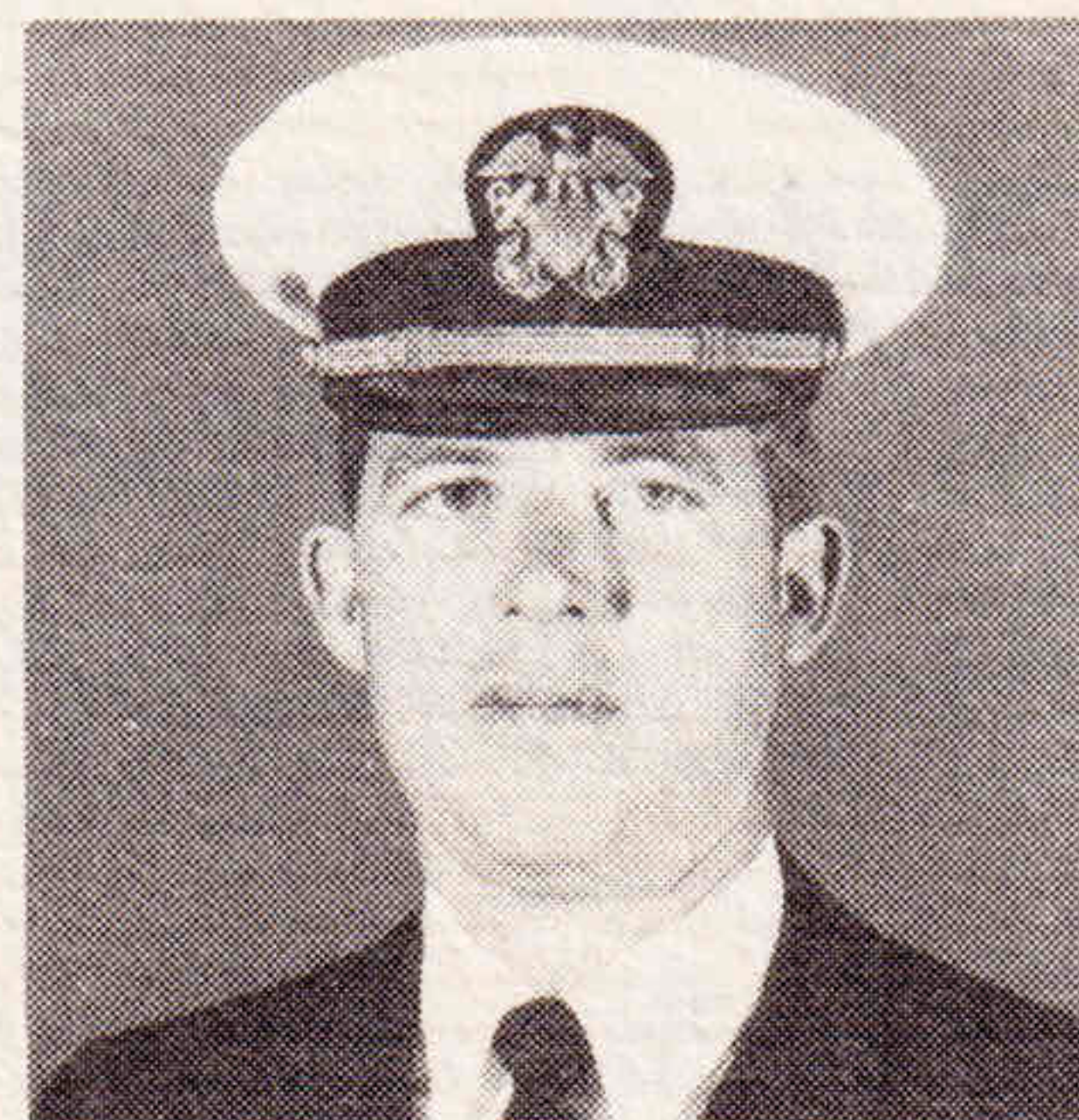
**LT C. L. Shoemaker,
USN
Communications**



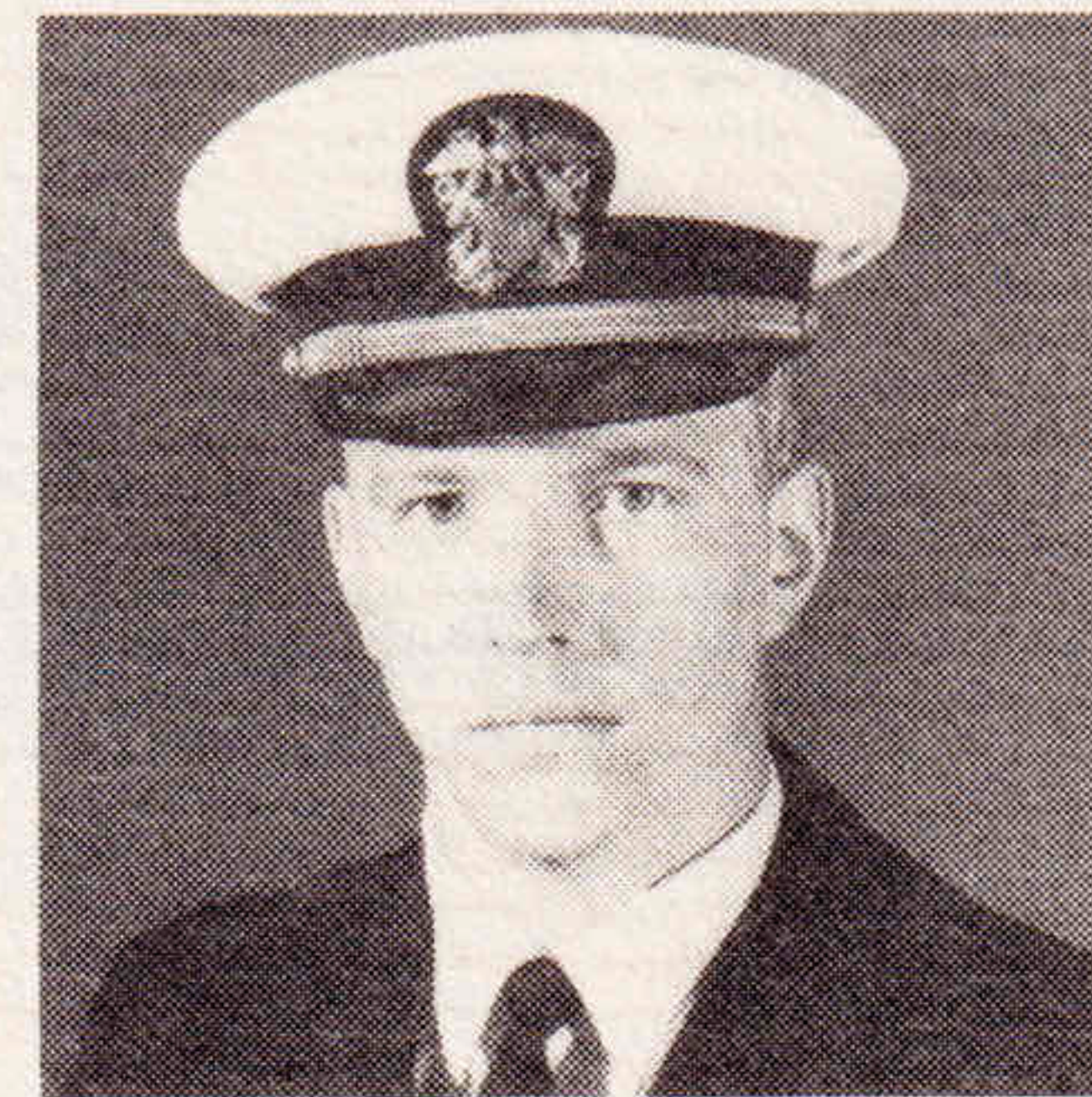
**LT J. M. Sullivan,
USN
Main Propulsion
Assistant**



**LT F. A. Adams,
USN
Sonar**



**LT R. A. Shultz,
USNR
Damage Control
Assistant**



**LTJG J. H. Almy,
USN
Electrical Officer**



**LTJG O. K. Earle,
USN
First Lieutenant**



**LTJG(SC) M. H. Leymaster,
USNR
Supply**

**LTJG C. E. Campbell,
USN**

**LTJG L. J. Brenner,
USN**

U.S.S. HAWKB

Commissioning C



BAND SELECTIONS
TWELFTH NAVAL DISTRICT BAND
ARRIVAL OF OFFICIAL PARTY



INVOCATION
CAPTAIN ROBERT H. HEATH (CHC), USN



WELCOMING REMARKS
CAPTAIN W. C. BARNES, USN
COMMANDER, MARE ISLAND NAVAL SHIPYARD



PRESENTATION OF THE SHIP FOR COMMISSIONING.
READING OF THE COMMISSIONING DIRECTIVE
REAR ADMIRAL WILLIAM H. GROVERMAN, USN
COMMANDER, WESTERN SEA FRONTIER



COMMISSIONING
THE NATIONAL ANTHEM, AND BREAKING OF THE
COMMISSIONING PENNANT

BILL - - SSN 666

Ceremony Program



ACCEPTANCE OF COMMAND
COMMANDER C. H. BROWN, USN
READS HIS ORDERS, ASSUMES COMMAND, AND SETS
THE WATCH



INTRODUCTION OF PRINCIPAL SPEAKER
COMMANDER C. H. BROWN, USN



ADDRESS BY PRINCIPAL SPEAKER
MR. CHARLES L. GOULD
PUBLISHER, SAN FRANCISCO EXAMINER



REMARKS OF THE COMMANDING OFFICER
COMMANDER C. H. BROWN, USN



BENEDICTION
CAPTAIN ROBERT H. HEATH (CHC), USN



DEPARTURE OF OFFICIAL PARTY

THE SPONSOR

Mrs. Bernard Franklin Roeder is the daughter of Mr. and Mrs. Walter Fitch of Coronado, California. She was born in Salt Lake City, Utah, and moved to Coronado at an early age. She graduated from the Convent of the Sacred Heart, Menlo Park, California, and from Cas Alta, Florence, Italy. In 1936 she married Lieutenant Junior Grade Roeder and their first duty assignment was in Long Beach where her husband was attached to USS LEXINGTON.

In the years that followed, duty stations included Cavite, Philippine Islands (from which she and her infant son were evacuated by air in 1940); Washington, D.C.; Newport, Rhode Island; and San Diego. At each duty station Mrs. Roeder devoted herself to Navy activities as well as the maintenance of a home and supervision of her family, she is also active in charitable and civic community organizations. Her favorite hobby is golf.

She and Vice Admiral Roeder now reside in Coronado, California and have four children.

THE SPEAKER

CHARLES L. GOULD, PUBLISHER, SAN FRANCISCO EXAMER

Charles L. Gould has been with the Hearst organization for more than 30 years, and has been in the newspaper business for more than 35 years. He was appointed Publisher of the San Francisco Examiner in November 1961.

Prior to his San Francisco appointment, Gould served 16 years on the New York Journal-American in various executive capacities.

Before joining the Hearst organization in 1935 as Promotion Director of the Chicago American, Gould was with the Cleveland News on promotion and feature assignments.

During World War II he served four years on sea duty in the U.S. Navy, and at the end of the War was Commanding Officer of a division of destroyer escorts. He returned to active duty at the outbreak of the Korean "police action" and spent a year in that war zone in charge of the Navy's Combat Camera Units.

Gould remained in the Naval Reserve and in 1966 returned to duty on a tour which took him through all areas of South Vietnam. From 1955 to 1961 he served as consultant to the Naval Representative to the United Nations. He now acts as a non-paid civilian consultant to the C.O., U.S. Naval Defense Forces Eastern Pacific, Commander Western Sea Frontier and Pacific Reserve Fleet. He holds the Navy's Distinguished Service Award, Bronze Star, Air Medal, Commendation Medal, in addition to area decorations.

Gould was born in Youngstown, Ohio, in 1909. He married Peggy Shannon in 1951, and is the father of two sons, Charles, Jr., and Michael E. He lives in Hillsborough, California.

Commander Christopher H. BROWN

Commander Christopher H. BROWN was born in Denver, Colorado on 6 February 1932. He attended the U.S. Naval Academy and was commissioned an Ensign in June 1954.

After a one and one half year tour in USS MONTAGUE (AKA98) and decommissioning of the ship, CDR BROWN reported to Basic Officers Submarine School. After graduation in June 1956, LTJG BROWN served two and one half years in USS WAHOO (SS565) before being selected for advanced nuclear power training.

Upon completion of a year's training, LT BROWN served as an instructor at Nuclear Power School, Mare Island. In January 1960, he commenced over three years service in USS SARGO (SSN583). This tour included eventual assignment as Engineer Officer. During this time SARGO was awarded two Navy Unit Commendations.

From SARGO in March 1964, LCDR BROWN reported to Charleston, South Carolina and participated in the formation of Submarine Squadron EIGHTEEN as Staff Material Officer. After two years LCDR BROWN reported to USS SHARK (SSN591) as Executive Officer via Submarine School PCO/PXO Course.

In November 1968, CDR BROWN was detached from SHARK. Following attendance at the PCO Course at Submarine School, he reported to the Division of Naval Reactors, AEC for three months of duty under instruction.

In April 1969, CDR BROWN reported to Mare Island Naval Shipyard where he assumed duties as Prospective Commanding Officer of USS HAWKBILL (SSN666).

Commander BROWN is married to the former Roylene Skinner of Bell, California. They have two girls; Christy and Sandra.

ROSTER OF CREW

NAVIGATION DIVISION

QM1(SS) E. V. FELDER
QM2(SS) D. R. GERENGHER
QM3(SS) M. H. HENRY
QMSN(SU) C. G. KIRALY

COMMUNICATIONS DIVISION

RMC(SS) H. COKER
RM1(SS) R. M. REMILLARD
RM2(SS) R. VALADEZ
RM2(SS) D. M. FROMSON

OPERATIONS ELECTRONICS DIVISION

ET1(SS) R. P. HANSON
ET1(SS) R. P. KENNER
ETN2(SS) G. A. KOKAISEL
ETR2(SU) M. L. FENNELL
ETR2 D. N. AUSTIN
ETR2(SU) D. V. COMBS

ADMINISTRATIVE DEPARTMENT

QMC(SS) L. M. BARNES
HMC(SS) M. R. WHITLEY
YN1(SS) G. L. CUNNINGHAM
YN3(SU) S. M. SPAULDING

SEAMAN GANG

SN(SU) W. J. BRADBURY
SN(SU) W. D. CAMP
SN R. A. JONES
SN(SU) R. P. MORAN
SN(SU) F. J. PTICAR
SN(SU) C. J. REUTER

SUPPLY DEPARTMENT

SK1(SS) C. E. BRADD
SKSN(SU) D. C. SPECKETER
CS1 DANIELS
CS2 S. L. BALSLEY
CS2(SS) J. T. RHOADS
SD1(SS) A. Y. SALDITOS
SD3(SS) R. T. VERGARA
SD3(SS) A. D. ZAMORA

SONAR DIVISION

STCS(SS) F. P. KONICKI
STC(SS) D. R. OROSZ
STC(SS) F. O. WATERS, JR.
ST1(SS) J. R. MOORE
ST1(SS) R. L. PEDERSEN
STS2(SU) D. E. BOCK
STS2(SS) W. E. DOERFLER
STS2(SU) V. L. MASKEY
STS2(SU) G. D. WEIBLE
STS2(SS) G. P. WOODS
STS3(SU) J. A. NOSKO

TORPEDO DIVISION

TMC(SS) A. K. KAMAKEEAINA
TM1(SS) E. F. BUSSARD, III
TM1(SS) G. R. HOF
TM1(SS) C. R. TIPP
TM3(SS) T. F. RIDDLE

FIRE CONTROL DIVISION

FTGC(SS) E. B. CURTIS
FTG1(SS) R. T. HOLY
FTG2(SU) R. M. ROTH

REACTOR CONTROL DIVISION

ETCS(SS) C. R. STEWARD
ET1(SS) S. A. OAKES
ET1(SU) L. C. SAYLOR
ET1(SS) D. P. YOCOM
ETN2(SU) J. M. GOERLICH
ETN2(SS) P. G. JACOBS
ETN2(SS) B. D. McPHERSON

ELECTRICAL DIVISION

EMCS(SS) M. P. SHUMAN
EM1(SS) J. J. BUFIS
EM1(SS) R. R. NIEDOSMIALEK
IC1(SS) M. L. MABE
IC1(SS) R. G. HAMILTON
EM2(SU) J. M. FEHRINGER
EM2(SS) W. J. LARANCE
EM2(SS) C. A. SCHEUERMAN
EM2(SU) D.M.WANDSCHNEIDER
IC2(SU) J. W. ZUMMALLIN

MACHINERY DIVISION

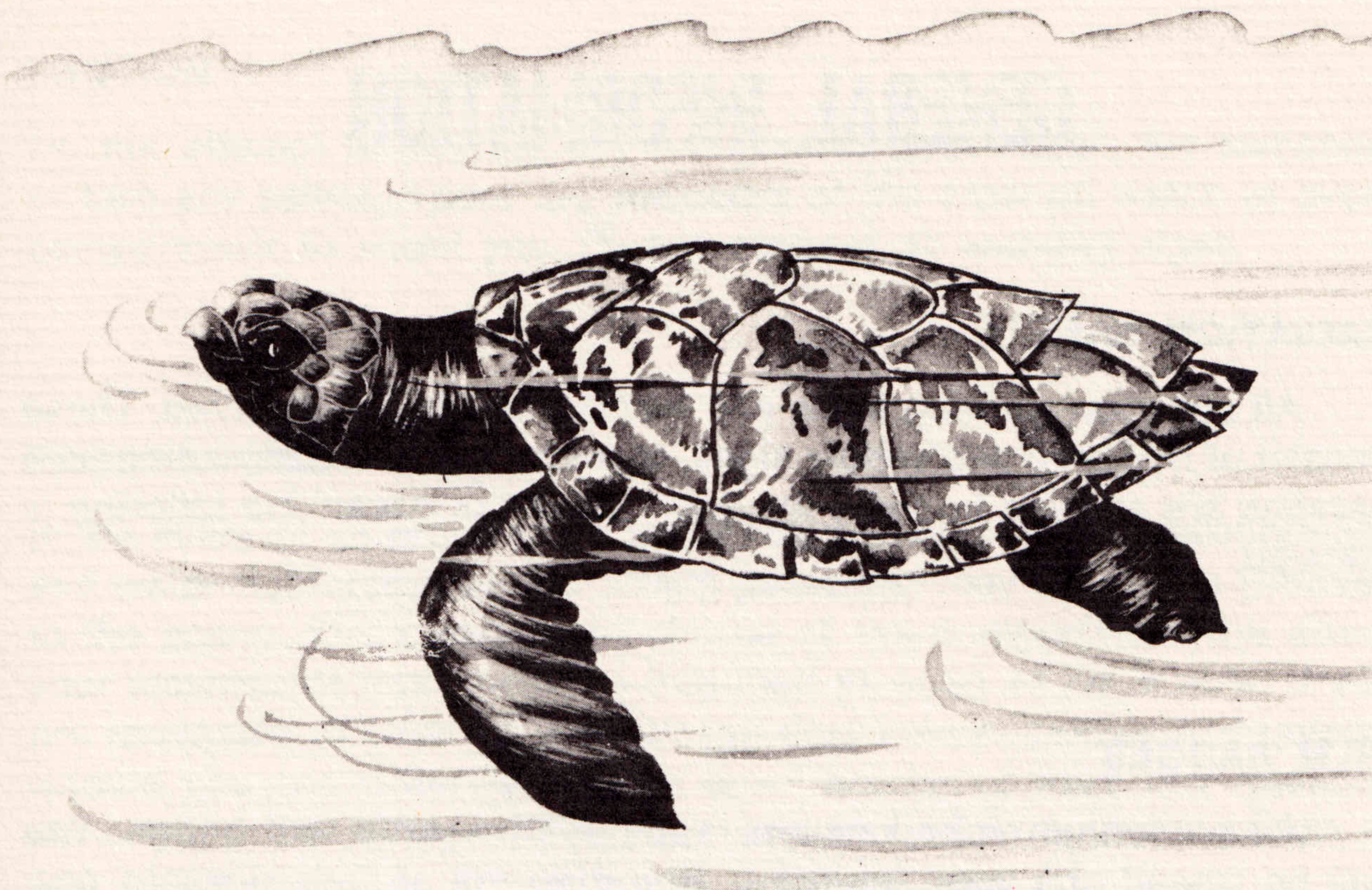
MMCS(SS) H. R. GARLAND
MM1(SS) D. A. DELROSARIO
MM1(SS) E. K. KAMAKEEAINA
EN1(SS) D. A. DACK
MM1(SS) D. V. McGLOTHLIN
MM1(SS) R. G. ODDEN
MM1(SS) D. M. ROHLF
MM1(SS) C. F. SCOTT
MM2(SS) J. T. STEINKE
MM2(SU) K. H. ALBERTS
MM2(SU) M. L. CHASE
MM2(SU) R. E. CRANDALL
MM2(SS) J. P. GARCIA
MM2(SS) D. L. HARGRAVE
MM2(SU) R. J. JOHNSON
MM2 M. M. TELLER
MM2(SU) C. N. WEAVER

AUXILIARY DIVISION

MM1(SS) W. E. BARFIELD
MM1(SS) D. A. RICE
MM2(SS) W. L. CAMPBELL
MM2(SS) T. C. PIEPENBRINK
MM2(SS) M. W. OSBORNE
EN1(SS) E. C. TAYLOR
MMFN(SS) P. C. DYSON, JR.

INTERIOR COMMUNICATIONS DIVISION

ICC(SS) L. COSTA
IC1(SS) F. L. TILLMAN
IC3(SU) R. R. JENSEN
IC3(SU) H. G. KEOWN
IC3(SU) A. R. McLAIN
IC3(SU) C. H. RANKIN



HAWKSBILL TURTLE

The Hawksbill, the smallest sea turtle, rarely measuring over two feet long, is the most valuable, commercially, to man. It is this turtle which supplies the costly tortoise shell used in making combs, compacts and many other fine articles. The shell of this sea turtle is smooth and shiny, beautifully marked like marble, in black and yellow or brown and yellow.

Their legs are like flippers so that they can swim well, but they are awkward on land and seldom come ashore. However, the female does make a yearly land visit in late spring to lay her large batch of eggs, which she buries in the sand above the tide line.

Fish is the Hawksbill Turtle's chief food but it also eats other marine animals and plants. This swimming turtle lives in the tropical and semi-tropical seas of both hemispheres.

GENERAL INFORMATION

RADIATION SAFETY

All radiation warning signs and markers are to be observed. These consist of magenta and yellow signs, ropes or ribbons. Only authorized persons are allowed in areas marked "Radiation Area." No loitering is allowed.

FILM BADGES

All personnel embarked are required to wear a film badge. You will be issued one upon boarding, if you do not already possess one. It is anticipated that you will receive no detectable radiation. In the event that you do, a report will be forwarded to your parent activity.

Film badges must be worn at all times, on the front portion of the body and external to all clothing belt clips are attached to the badges to prevent loss. However, loss of a film badge should be reported to the Hospital Corpsman immediately. All film badges issued by the Medical Department must be returned at the end of the cruise. Ensure that you have a film badge in your possession prior to the ship getting underway.

MEDICAL FACILITIES

The Hospital Corpsman should be consulted for any illness or injury that may occur during the cruise. It is recommended that those personnel susceptible to motion sickness obtain medication prior to getting underway. However, medication for this purpose will be available throughout the cruise.

CAUTION

Do not attempt to operate any equipment, twist knobs, flip switches, or turn any valves. There are members of the crew on watch in every compartment to assist you. Please observe all warning signs.

EMERGENCIES

In the event of an emergency, stand fast but clear of all passageways and water-tight doors so that ship's personnel may be free to proceed to the scene. The crewman in charge of the compartment will direct your movements and keep you informed as soon as he is able. If you are requested to clear an area please do so expeditiously and quietly. Should you see water leaking or smell smoke or have any question concerning the safety of the ship, please call it to the attention of one of the crewmen who will take proper action.

ACCESS TO BRIDGE

The bridge is very small, with room for only two men. Guests cannot be accommodated in order to permit the watchstanders sufficient room to carry out their duties.

SECURITY

Most features of the ship are of a classified nature. In addition, Sonar Control, Radio, ECM Room, Sonar Equipment Space, Nucleonics Laboratory and the entire ship aft of the Operations Compartment are security areas. Only authorized personnel are permitted in these spaces. Information concerning speed, depth, weapons, fire control, sonar, ECM, and the propulsion plant is classified.

LIVING ACCOMMODATIONS

Berthing is assigned visitors embarking upon their arrival. If possible, lockers will also be assigned. If it occurs that you are required to share a bunk, we request you make arrangements with the others assigned your bunk in order that no conflicts arise. Please use only the bunk assigned. This enables you to be located if necessary.

Heads and Washroom facilities are located throughout the ship. Please realize they are maintained by crewmen who consider the ship their home. Before using a head for the first time, please consult a member of the crew for proper flushing procedures. Please do not discard any solid object, no matter how small, into a water closet. It may foul the seat of the sanitary tank overboard discharge.

Showers may be taken anytime at your convenience, but because the number of shower facilities is very limited, showers should be taken as expeditiously as possible. There is no restriction on water. However, the ship's water-making capacity, while large, does have reasonable limits.

Messing arrangements will be established prior to your arrival and you will be assigned a specific area and time to eat. All meals must be served in shifts, so you are requested to be punctual in your arrival for meals and not to linger over coffee after finishing.

Smoking is permitted throughout the ship except in bunks, bilge areas, or the vicinity of pyrotechnics or oxygen stations.

ORDERS

If you are under military orders, please turn your orders into the Yeoman in the Ship's Office (Operations Compartment Upper Level, aft of the Weapons Loading Hatch).

CALLS

For embarked visitors, calls are made by the Duty Steward in the Wardroom Country, the Torpedo Room Watch in Operations Compartment Lower Level, and the Auxiliaryman Forward in the Bow Compartment. Any of these watchstanders will ensure a visitor is called at any particular time he may designate. The call list is maintained in the Control Room.

ACCESS AND CONGESTION

Visitors are always welcome in any authorized space when the operations of the ship permit. At most operating and control stations the space is very limited, however. As a result, it is necessary for any person not on watch to have permission of proper authority before being allowed in the space. This regulation is in effect at all times and for all persons embarked, including members of the ship's company. You are asked to abide conscientiously by these regulations. If allowed in an area so controlled, you will be requested to leave when necessary. Summarized below are those areas in which access is controlled in this manner and the name of the watchstander who may allow visitors in the area.

Control Room — Officer of the Deck
Chief of the Watch (when surfaced)

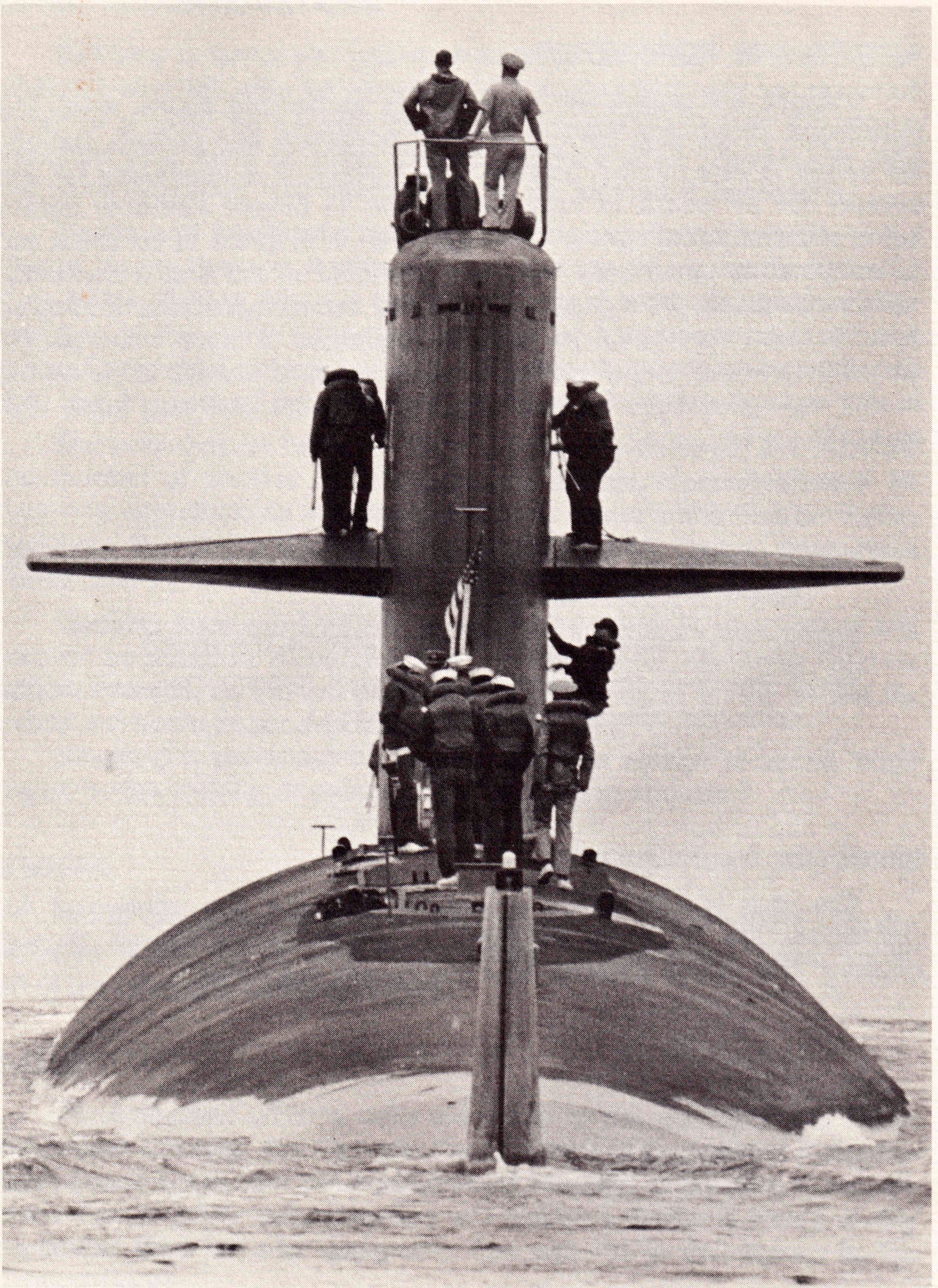
Sonar Control — Sonar Supervisor (NOTE: Only authorized personnel are permitted in this space.)

Maneuvering Room — Engineering Officer of the Watch

Radio Room — Radioman of the Watch (NOTE: Only authorized personnel are permitted in this space.)

IMPROVED HABITABILITY

The ship is completely air-conditioned and has equipment for revitalizing the air. Other facilities include a crew's lounge, library, laundry, hi-fi stereo systems and ice cream machines.



3

