

WORK SPEEDED: The USS Nautilus, world's first atomic-powered submarine, is busily being fitted out by workmen at the General Dynamics Corp. Electric Boat Division, Groton, Conn. This is the first photo of the Nautilus to be released since she was launched last Jan. 21.

A Year in the Log of USS Nautilus without Refueling

During her first year of service, *uss Nautilus* (SSN 57) has demonstrated to the U. S. Navy and to the public the practicability of travel by nuclear power. She has also compiled an impressive list of statistics and broken innumerable records. Here's a summary of the Navy's first year "underway on nuclear power."

In 365 days *Nautilus* made 365 dives and traveled 26,231.3 nautical miles without refueling. Just over half of this distance (or 13,140.7 miles) she had steamed totally submerged, the longest such run lasting 89 hours and 42 minutes. She visited six ports from Portsmouth, N. H., to St. Thomas, V. I., her longest period underway lasting 206 hours.

In her first 75 cruises, she has carried 1542 different passengers, in addition to her crew. Her guests, mostly naval and test personnel, have included high government officials, Congressmen, and 76 admirals. Many of them have sailed in her more than once.

Personnel were transferred at sea via helicopter 110 times. Another 4913 officials and Navymen inspected her in port, including the entire Class of 1956 of Naval Academy midshipmen. Many of the latter will some day serve aboard nuclear warships.

In spite of this activity, the recreation of her crew, numbering 93 enlisted men, were not ne-



AT BATTLE station on *Nautilus* J. A. Baumgartner, IC1(SS), USN, shifts a gyro repeater during sea tests.

glected: 387 feature movies were shown in the crew's mess in the first 12 months. Nor has the public forgotten the men of history's first uranium-powered vessel: fans have addressed over 8700 letters to the ship, several of which have borne such abbreviated addresses as "Atomic Submarine, USA." In addition, 2168 classified letters were among the 6000 pieces of official correspondence received aboard, while her yeomen typed nearly 2800 outgoing official letters. *Nautilus* radiomen tapped out 710 messages, and received 1566 messages in return.

And how have the crew fared at the mess table? The figures would indicate both healthy appe-

tites and healthful meals, for over 21,002 pounds of fresh meat, 3894 pounds of fowl, and 1118 pounds of Navy beans were consumed on board, after having been washed down with 89,482 cups of coffee, a sure indication that the Fleet's favorite beverage is also the most popular in the atomic Navy.

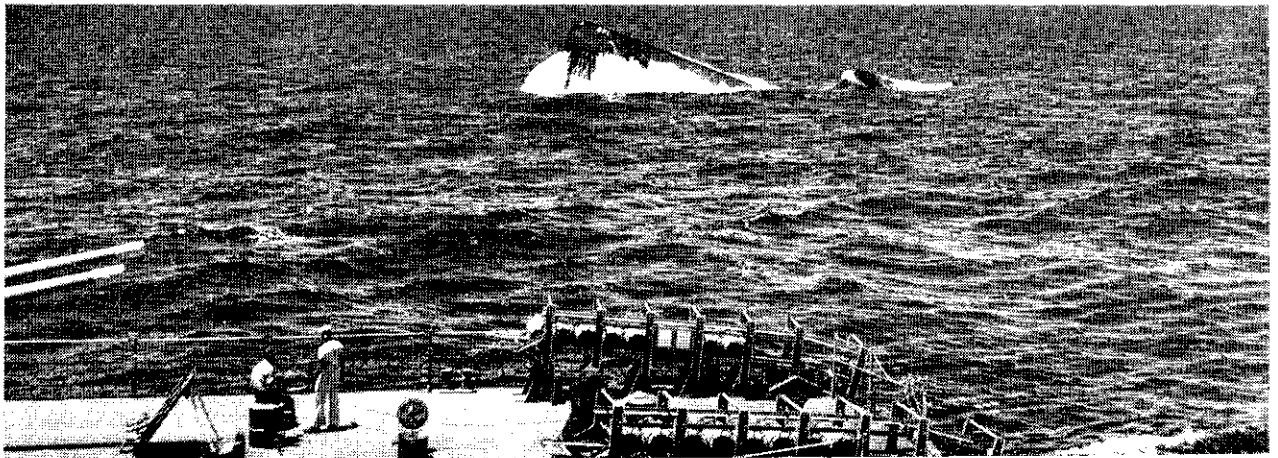
Forty-six crew members were promoted in the first year. This included the Skipper, CDR Eugene P. Wilkinson, USN, and six other officers selected for promotion, five enlisted men commissioned as officers, and 34 petty officers advanced in rate. Thirteen have reenlisted since last January. These promotions and reenlistments necessitated the assignment of 38 new men to replace those transferred to schools and other duty.

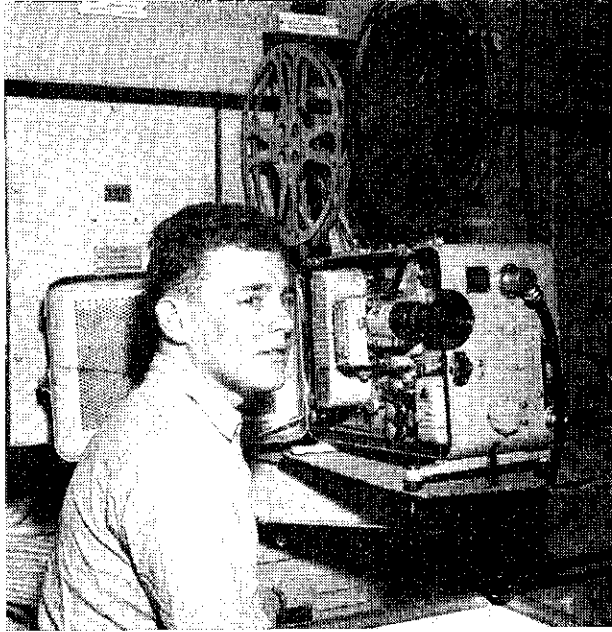
Nautilus has set and broken so many records that her crew can no longer keep track of them. On 21 Mar 1955 her wardroom served as the first submerged Congressional hearing room when she carried the Joint Congressional Committee on Atomic Energy for an orientation cruise.

On her shakedown cruise to the Caribbean, *Nautilus* made the 1300-mile run from New London to San Juan (P. R.) totally submerged at an average speed of over 16 knots.

These are some of the statistics released about the first nuclear sub's first year at sea.

A-SUB SURFACES — *USS Nautilus* (SSN 571) comes up by *USS Sarsfield* (DD 837) during amphibious maneuvers.





High Living Below

THE CREW MEMBERS OF USS *Nautilus* (SSN 571) can truthfully be referred to as living "high off the hog" for not only has the Navy put the most modern propulsion system and operating gear aboard but it has also included all the latest comforts that could possibly be fitted into the atomic powered sub's hull.

Top left: Special lens brings the latest wide screen movies into converted mess hall as D. K. Breese, SN(SS), USN, acts as projectionist. *Top right:* Lobster salad is prepared by D. R. Wilson, SD3(SS), USN. *Right:* The old Navy game of acey-deucey finds its place in the nuclear Navy as J. W. Armstrong, SO2(SS), USN, (left) and R. L. Kloch, QM2(SS), USN, battle it out. *Lower left:* R. V. Foster, EN1(SS), USN, slakes his thirst at soft drink stand running on atomic power. *Lower right:* Large mess hall affords plenty of room for off duty activities. Tables change to seats for movies.

