

'Seawolf' Heralds Navy's Accelerated Atomic Sub Program

(Picture, Page 1)
By ELTON C. FAY
Of The Associated Press

GROTON, Conn. (AP)—The Navy's second atomic submarine—the long, lean, deadly killer named Seawolf—went down the ways to the sea Thursday.

Mrs. Sterling Cole, wife of a New York congressman, christened the ship, but missed hitting the bow with the traditional bottle of champagne.

Mrs. Cole turned for an instant to speak to John Jay Hopkins, president and chairman of General Dynamics Co., as he pressed a button releasing the great steel hull.

In that instant, the Seawolf slipped swiftly out of reach of Mrs. Cole's arm. She hurled the bottle at the receding bow, but it missed again and broke in foam on a portion of the launching machinery.

But the Navy, always ready for such untoward happenings, had a second bottle of champagne, attached to a line, on the deck.

As the Seawolf raced down the ways, a man aboard the submarine cracked a second bottle on the bow. And so the Seawolf got her christening, after all.

Three hours earlier, the keel of a third atomic submarine, as yet unnamed, was laid in a ceremony attended by a relatively few officials.

The fact was unknown to most of the audience of 25,000 attending the launching. Their first word came when Navy Secretary Thomas interpolated into his prepared speech the brief remark that "the keel of a third submarine was laid at an earlier hour this morning on an adjacent way, without pomp or ceremony."

The 3,000-ton Seawolf is a trimmer, sleeker ship than the Nautilus. Unlike the bulbous snout of the Nautilus, the Seawolf has a sharp bow.

MANY OTHERS
In his speech, Thomas said the Navy, with eight atomic submarines already authorized, hopes

to build many others "in rapid succession thereafter."

Thomas referred to congressional action this year in approving four additional atomic-driven submarines and added:

"This means that this fiscal year the Navy will have eight nuclear-powered submarines in being or under construction and, in rapid succession thereafter, many others."

"Of course, our future plans will include nuclear-powered vessels of other types."

He said he is insuring that "the earliest and maximum" attention be given to development of atomic power not only for surface ships but for naval aircraft.

"Particular, careful attention is being given to nuclear powered seaplanes," he said.

Indicating a belief that Russia so far has produced no nuclear submarine, Thomas told his audience in his prepared address that they were witnessing the launching of the second known nuclear propulsion submarine "in the entire world."

LOOK MUCH ALIKE
The Nautilus and the Seawolf look much alike on the outside, but are powered with different types of atomic engines.

AEC Chairman Lewis L. Strauss said in a companion address that the land-based power plant on which the Seawolf's atomic engines are based has "operated at full power long enough to have propelled the Seawolf on a 2,250-mile, nonstop trip, fully submerged."

Thomas said the Navy has seven different nuclear reactor project studies under way.

The different type reactors for the Nautilus and Seawolf, he said, "were purposely made competitive, partly to determine which is the better power plant and partly to exploit the rapidly advancing technology of nuclear propulsion."

The purpose of the seven projects, he added, is "to develop a family of reactors which will be applicable not only to submarines, but to surface ships."

"The Seawolf is symbolic of the accelerating importance of nuclear power in the American Navy," he said. "We have crossed the threshold of a period of change which promises to alter the face of the Navy even more than did the changes from sail to steam and of wood to steel, combined."

FIRST A-SUB
The first A-submarine, the Nautilus, was built here at the yards of the Electric Boat Division of General Dynamics Corp., where the Seawolf and the third boat are building. The Nautilus was commissioned six months ago and now has thousands of miles of operation, hundreds of dives and a long cruise to the Caribbean on her log.

Official statistics on the Seawolf show her to be about 3,000 tons displacement, 330 feet long, with a 27-foot beam.

Her underwater speed is stated in the same general manner as that for the Nautilus—"over 20 knots." Actual speed may range between 20 and 30 knots.

The Seawolf will carry a crew of about 100, including officers.

The official cost estimate of the Seawolf's hull, minus the atomic power plant, is \$32,700,000. The Nautilus is estimated unofficially to have cost about 57 million dollars, including the atomic engine which accounted for about half the cost.

PRIMARY DIFFERENCE
Primary difference between the Nautilus and the Seawolf is in the type of atomic reactor. The Nautilus power plant transfers the heat produced by fission into steam by using ordinary water under pressure. The Seawolf will use a form of liquid metal for the heat transfer. The Nautilus reactor is called the thermal or slow neutron type. The Seawolf will use an "intermediate" reactor where the speed of the neutrons is faster. This, in theory, means that absorption of the faster neutrons by the metal structure of the reactor is reduced, perhaps making for a more efficient, more easily maintained atomic furnace.

Four in Course
Four Eugene area residents are enrolled this summer in the "Sun, Surf and Study" program at the University of Hawaii. Those taking part in the 6-week summer session are Carolyn Ann Hurd, daughter of Mr. and Mrs. Stuart W. Hurd; DeVonne Kay Link, daughter of Mr. and Mrs. William E. Wells; Helen Elva Ward, daughter of Mr. and Mrs. Dalton A. Ward; and Mary Lou Watts of Springfield.

LANE GRANGE
SPEICER CREEK Grange—A very interesting program has been planned for Spicer Creek Grangers Friday, July 22. A student of Portland University will show color slides of the world and Europe. The program will start promptly 8:30 and all are urged to be on time.

Logger Dies While at Work

A Springfield logger, Otis Jones, 51, 4139 E. Main St., died suddenly Wednesday afternoon while working at a Roseboro Logging Co. operation east of Finn Rock.

Coroner Fred Buell said Thursday the cause of death had not yet been determined. He said Jones had been sawing a log into sections and had stopped to rest when he suddenly fell to the ground.

Buell said an autopsy had been held Thursday morning and the autopsy surgeon was continuing his investigation in an effort to learn the reason for Jones' death. He said a heart attack apparently was not responsible.

The body was taken to the Bartholomew-Buell Chapel in Springfield. Jones is survived by the widow, Mrs. Jessie Jones, and four children.

Ground Observers Schedule Potluck

Plans were started at Eugene Observer Corps headquarters Tuesday for a combination potluck and award presentation late in August in the Veteran's Memorial Bldg. dining room.

Attending the planning session were officers and board members, including Mrs. Marjorie Bassett, president of the Eugene GOC, and Louis Borden, supervisor. Mrs. Carol Hardie and Mrs. Mildred Russell were assigned to the food committee.

Car Hits Girl

Rose Ann Carpenter, 10, of 438 Jefferson St., was treated at Sacred Heart Hospital Wednesday evening for bruises received when she was struck by a car driven by William I. Latham, 57, 1272 Sunnyside Dr. The accident occurred in the street in front of the girl's home. Latham told police he was unable to avoid hitting the girl when she stepped from behind a parked car. No citations were issued.

Roses From Roses

The Onion Editor's attention has been called to a strange looking cluster of deep pink roses on the William Oaks property on Los Creek Rd.

The cluster of these roses is a full bloom with each blossom about two inches in diameter, but the odd part is that buds are now growing from the center of each.

Stems are pushed through the center of each bloom, and buds are attached to each.



(Register-Guard photo, Wiltshire, eng.)

HIGH HONOR—Verne Hawn of Eugene thanks Eugene Lions Club members for the welcome they gave him Tuesday night and Wednesday on his return from the Lions International convention where he was elected international director. Local members met him with an auto cavalcade, a fire engine and a motorcycle escort. A Wednesday luncheon was in his honor. Hawn's first board meeting will be in mid-September at Santiago, Chili. Seated in photo is Hale Thompson who accompanied Hawn to the convention.

State School Superintendents End 2-Day Conference Here

Election of officers and a resolution to appoint a committee to study school district reorganization highlighted the closing business meeting of the Oregon Assn. of District Superintendents' annual two-day conference on the University of Oregon campus Tuesday afternoon.

Ewart Jewell, superintendent of schools at Bend, was elected as the new president. Other officers are Marion Winslow, superintendent, Coos Bay, vice-president; Clyde Martin, superintendent of public education, State Department of Education, Salem, secretary-treasurer; and a representative Jack Edwards, Portland; Al Neel, Myrtle Creek; and Elmer Fleming, Grants Pass.

The proposal to form the committee to make a study of reorganization preparatory to the next meeting of the state legislature was made at the Monday evening session by Floyd Light, superintendent of David Douglas Union high school. Light pointed out that school district reorganization is one of the most serious and pressing problems facing Oregon educators today. Two years ago a proposal for school district reorganization was voted down by the people of the state. It was Light's feeling, however,

that sentiment is now for the needed reorganization.

An amendment to include other problem areas in the committee's study failed.

Wendell Van Loan, superintendent at Corvallis, moved that the executive committee appoint the special committees as needed to study the specific problems. That motion passed.

At the closing meeting, the superintendents also resolved to encourage the state superintendent of public instruction to call a conference to consider the place and function of the junior high school in Oregon.

Prior to the closing business session, the nearly 100 superintendents who attended the annual meeting heard a closing address by Harold Spears, superintendent of schools in San Francisco. Spears' speech dealt mostly with questions that still face educators, ones which he termed "must be answered, but cannot be done by administrators alone."

Spears criticized the National Education Assn. for releasing a newspaper article about a study of teacher's problems. The problems, in order of importance, were low pay, overcrowded classrooms and discipline. The article played up the discipline problem, but failed to relate it to the other two, which, he said, are causes of discipline problems.

One in Ten Said to Have Hearing Loss

George Leshin, director of the Portland Center for Hearing and Speech, told members of the Eugene Kiwanis Club Wednesday that one in every 10 Americans has a hearing loss.

Leshin was the featured speaker on a program which focused attention on the New Eugene Hearing and Speech Center which opened several weeks ago.

Several persons responsible for the founding of the new nonprofit center were introduced to the Kiwanians. These included Mrs. Samuel Peters, president of the Eugene Hearing Society; Mrs. Earl Byrom, Eugene Quota Club; Theo Zehring, hearing society treasurer; Dr. Willis B. Shepard, chairman of the board for the new center; Duane Anderson, director for the center; Dr. Virgil W. Samms, board member for the center, was program chairman.

The center is sponsored by the Eugene Hearing Society with assistance from the Eugene Kiwanis Club, Welfare League and the Quota Club.

Leshin, who explained operations of the Portland hearing center, said a hearing loss is "one of the worst handicaps" a person can have.

"When you lose your ability to communicate with your fellow men, you have lost one of the most valuable possessions in life," Leshin said.

He said the cooperation of all social agencies of a community are required to guarantee that children with a hearing loss receive help.

Anderson spoke briefly on the Eugene hearing center program. In operation now, the program will be expanded this fall, he said.

Eugene Woman Heads Auxiliary

Mrs. Fred Schwietering of Eugene was elected department president of the Auxiliary at the 46th annual convention of the United Spanish War Veterans and Auxiliary this week in Bend.

She had been senior vice president during the past year.

Other members of the General Lawton Auxiliary of Eugene who were elected and appointed to department offices are Mrs. John W. Gates, secretary; Mrs. May T. Moon, treasurer; Mrs. C. C. Sinclair, conductor; and Mrs. Margaret Holt, musician.

Barth Boland of Portland was elected commander, and Eugene men chosen officers are George Thompson, grand marshal; Fred Schwietering, department aide, and George Jenkins, budget committee member.

Others from Eugene attending the convention were Dr. W. E. Buchanan, T. C. Hall, Mr. and Mrs. Horace Burnett, E. J. Rawson, Mrs. Minnie Steele and Mrs. Lillah Bertsch.

Eugene was selected as the site of the 1956 convention.

Adams Balks At Testifying

WASHINGTON (AP)—President's assistant Sherman Adams refused Thursday to testify in a senate committee study of the Dixon-Yates controversy.

In a letter to Chairman Kefauver (D-Tenn.), Adams said he was nothing that I could add to the testimony of Chairman J. Sinclair Armstrong of the Securities and Exchange Commission regarding postponement last month of SEC hearings on financing of the power project.

About the same time the letter was made public, Sen. Anderson (D-N.M.) told the Senate that a "deliberate cover-up" of facts about the Dixon-Yates contract had been dictated by the Bureau of the Budget.

Anderson, chairman of the Senate-Atomic Energy Commission, said a letter received Thursday from the Atomic Energy Commission proved that name of two key officials had been deleted from a list supplied to Congress and the public.

The senator named the men as Adolphe H. Wenzell, unpaid consultant to the Budget Bureau and at the same time an official of the First Boston Corp. which later handled Dixon-Yates financing, and Paul Miller, vice president of First Boston.

Sen. Gore (D-Tenn.) cut into his speech with a statement that the names were dropped because they would have "tipped off" the part First Boston was playing in the plans to channel private power into the Tennessee Valley Authority.

Democrats, particularly from the Tennessee Valley, have protested the now-cancelled plan as a move to cut down TVA backed by private power interests.

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