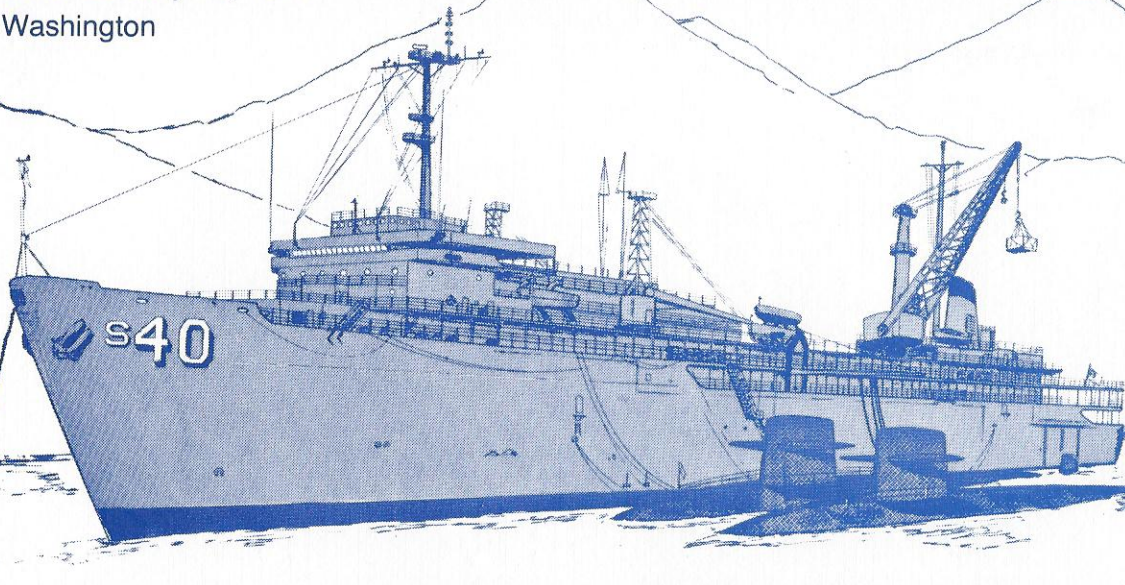


LAUNCHING: January 14, 1978  
Seattle, Washington

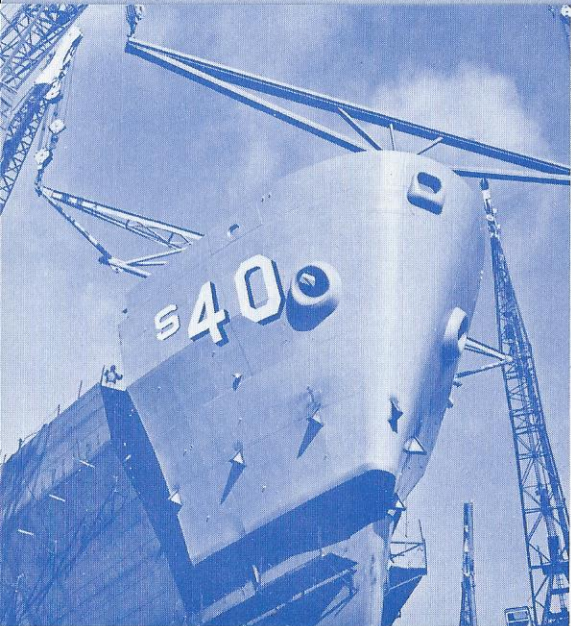


Lockheed Shipbuilding and Construction Company  
A Subsidiary of Lockheed Corporation

**FRANK  
CABLE**

*U. S. Navy Submarine Tender*

# LOCKHEED SHIPBUILDING



## *The Mission*

The AS-40 is an auxiliary ship, providing mobile support to nuclear-powered SSN-688 LOS ANGELES class attack submarines. The AS-39 EMORY S. LAND, launched May 4, 1977; AS-40 FRANK CABLE; and the AS-41, which will be named the MCKEE, honoring Admiral Andrew McKee, pioneer Navy submarine designer, in keel laying ceremonies today, will provide undersea craft and their crews with repairs, spare parts, provisions, and medical, dental, mail, legal, and other services. The ship will contain some 50 specialized shops. The ship will provide living quarters for the more than 1000 men manning the shops and temporary quarters for crews of submarines alongside. The ship can provide various service connections supplying these submarines with water, power, and other utilities.

# AND CONSTRUCTION COMPANY

## *Submarine Pioneer*

Frank Cable, for whom the AS-40 is named, was a pioneer submarine engineer whose first introduction to submarines was the HOLLAND. Before the turn of the century, John P. Holland built the HOLLAND in Elizabethtown, N.J. Cable, an electrical engineer, was sent by his firm to assist with electrical work after the HOLLAND accidentally sank at its dock. Shortly thereafter, Cable found himself as engineer in charge and trial captain for the HOLLAND. Many of his ideas were incorporated into the HOLLAND prior to her acceptance as the Navy's first successful submarine. Among his other accomplishments, Cable helped train the Navy's first submarine crews. He organized the New London Ship and Engine Company that built the first marine diesel engine in the U.S., a development that led to safer submarines. His company was incorporated into the Electric Boat Company, now a subsidiary of General Dynamics. Keel for the AS-40 FRANK CABLE was laid March 2, 1976.



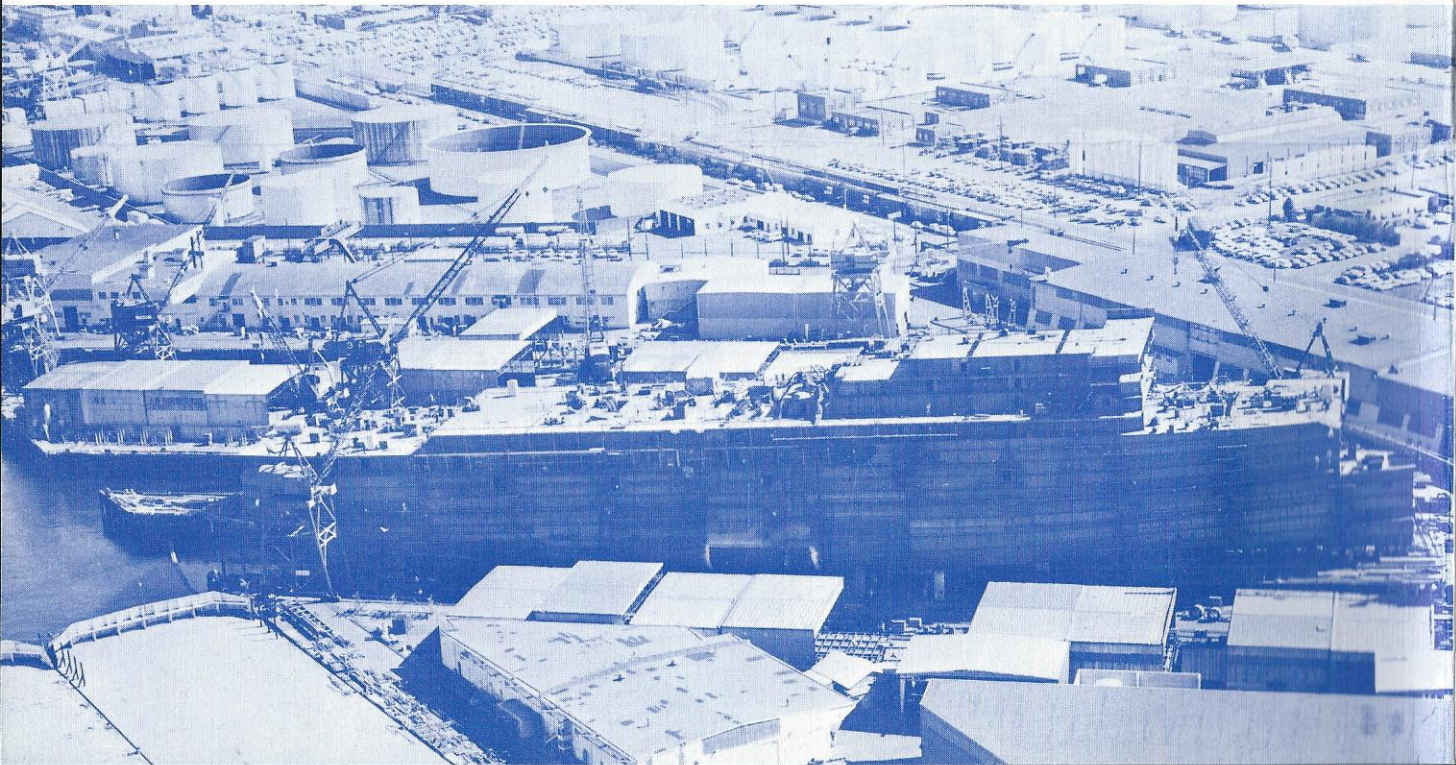
**FRANK  
CABLE**

*U. S. Navy Submarine Tender*

# LOCKHEED SHIPBUILDING

## *The Company*

In 1959, Lockheed Aircraft Corporation, seeking to diversify its product lines, purchased Puget Sound Bridge and Dredging. Name of the company became Lockheed Shipbuilding and Construction Company in 1965. Since acquiring the Seattle company with its two shipyards — Yard 1 on Harbor Island where the CABLE is being launched today and Yard 2 on the other side of the West Waterway of the Duwamish — Lockheed has built a series of vessels: Light cruisers, destroyers, frigates, amphibious transports, bulk carrier, hydrofoil, roll-on/roll-off ships and others. In addition, the company carries on active ship repair and commercial steel businesses. Among ships delivered by Lockheed in the 1970s have been assault transports (LPD), frigates (FF-1052 class), M/V SUGAR ISLANDER (bulk carrier), M/V COLUMBIA (ferry), and POLAR class icebreakers (WAGB).



# AND CONSTRUCTION COMPANY

## *Sponsor*



Sponsor of the Submarine Tender AS-40, who will christen the ship the FRANK CABLE, is Mrs. Rose S. Michaelis. The former Rose Schiche of Lake Geneva, Wisconsin, is the wife of today's principal speaker, Admiral Frederick H. Michaelis. A native of Kansas City, Missouri, he graduated from the U.S. Naval Academy in 1940. He won his Naval aviator's wings in 1943 and a master of science in aeronautical engineering from MIT in 1949. Among his command and staff posts he included carrier-based fighter and fighter-bomber squadrons during WWII, fleet oiler USS TOLOVANA, nuclear aircraft carrier USS ENTERPRISE, Carrier Division Nine in Vietnam, Assistant Deputy Chief of Naval Operations (Air), Naval Air Force-Atlantic Fleet, and Chief of Naval Material in 1975. He and his wife have two daughters and a son: Molly, married to Dr. Ronald Fine, San Antonio; Polly, a Navy officer married to Lieutenant Commander Mark Capansky, Pensacola; and Lieutenant Frederick, Jr., USS SELLARS, Charleston, S.C.

## *Principal Speaker*



## *The Ship*

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Length	644 feet
Beam	85 feet
Full load displacement	23,000 tons
Full load draft	26 feet
Shaft horsepower	20,000 shp
Sustained speed	18 knots
Total complement	1,351 persons
Deck levels	13
Compartments and spaces	875

## *Matrons of Honor*

Mrs. Molly Michaelis Fine  
LTJG Polly Michaelis Capansky

## *Flower Girl*



Miss Jodi Kartes  
Daughter of Robert D. Kartes,  
AS-39 Production Manager, and  
his wife, Verna

# *Frank Cable Launch Program*

## SELECTIONS BY THE NAVY BAND NORTHWEST

### MASTER OF CEREMONIES

G. Graham Whipple, President, LSCC

### PRESENTATION OF COLORS

Naval Reserve Officers Training Corps  
University of Washington

### NATIONAL ANTHEM

Navy Band Northwest

### INVOCATION

Commander John Daly, Chaplain  
Naval Support Activity, Seattle

### INTRODUCTORY REMARKS

President G. Graham Whipple

### INTRODUCTION OF LAUNCHING PARTY

Mrs. Rose S. Michaelis, Sponsor  
Mrs. Molly Michaelis Fine, Co-Matron of Honor  
LTJG Polly Michaelis Capansky, Co-Matron of Honor  
Miss Jodi Kartes, Flower Girl

### INTRODUCTION OF SPECIAL GUESTS

### ADDRESS—LABOR REPRESENTATIVE

Arnold Weinmeister, Vice President  
International Brotherhood of Teamsters

### INTRODUCTION OF NAVSEA REPRESENTATIVE

Captain S. P. Passantino  
Supervisor of Shipbuilding, Seattle

### ADDRESS—NAVSEA REPRESENTATIVE

Vice Admiral C. R. Bryan, Commander  
Naval Sea Systems Command

### ADDRESS AND INTRODUCTION OF PRINCIPAL SPEAKER

Roy A. Anderson, Chairman  
Lockheed Board of Directors

### PRINCIPAL SPEAKER

Admiral Frederick H. Michaelis  
Chief of Naval Material

### INSTRUCTIONS TO SPONSOR

Captain S. P. Passantino  
John N. Watt, AS Program Manager, LSCC

### CHRISTENING

Mrs. Rose S. Michaelis

### LAUNCH OF THE FRANK CABLE