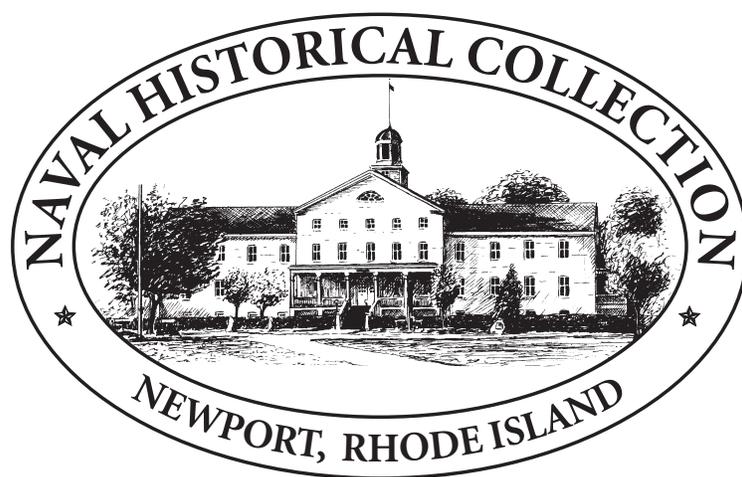


Register of the Edward J. Fahy Papers



**Naval War College
Newport, RI**



REGISTER OF THE PAPERS OF EDWARD J. FAHY

Compiled by
Evelyn M. Cherpak, Ph.D.

Manuscript Register Series
No. 27

Naval Historical Collection
Naval War College, Newport, R.I.
1997

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BIOGRAPHICAL SKETCH

Rear Admiral Edward J. Fahy was born in New York City on May 8, 1910. He attended St. Francis Xavier High School there and joined the Naval Reserves before entering the U.S. Naval Academy in 1930. He graduated with distinction in 1934 and had the honor of serving as Regimental Commander.

After graduation, he reported to the cruiser USS TUSCALOOSA at the Philadelphia Navy Yard for fitting out duty. He participated in its post commissioning shakedown cruise to South America and the Caribbean in the summer of 1934. After serving on the staff of Commander Cruisers, Scouting Force, he attended Submarine School in New London, Connecticut, and also enrolled in the Naval War College's Correspondence School course in Strategy and Tactics.

Assigned to the Submarine USS PERMIT in San Diego in 1938, he remained with the ship in the Asiatic Fleet until 1941. For the next year and one half, he received advanced training at civilian and navy schools. In 1943, he was named prospective CO of USS SPEARFISH. A year later he joined USS PLUNGER as navigator and in 1944 became her commanding officer. The PLUNGER saw action in the Pacific at Truk, the Caroline Islands and was responsible for sinking five enemy ships during its war patrols. For his service on the PLUNGER, he received two letters of commendation. Fahy ended his wartime service on the staff of the CO, Training Command, Submarine Force, Pacific, where he made valuable contributions to the offensive and defensive capabilities of submarines as tactical,

new developments and electronics officer.

Following the war, he joined the Bureau of Ships for four years as Director of Shipboard Electronics Installation and Maintenance and subsequently served as Electronics Shipyard Officer at the Norfolk, (VA) Navy Yard. In 1953, he became Commanding Officer and Director of the Underwater Sound Laboratory in New London, Connecticut. He was promoted to rear admiral in 1961 while serving as assistant chief of the Bureau of Ships for Research and Development.

Fahy reported as commander of the Mare Island Naval Shipyard, Vallejo, CA, in 1962 where he supervised the construction of SARGO, the first nuclear powered submarine built on the west coast, and was instrumental in the development of HALIBUT, the first nuclear powered guided missile submarine. He was CO of the San Francisco Bay Naval Shipyard, Vallejo, CA, before being appointed Chief of the Bureau of Ships in 1966. He retired from the Navy in that position in 1969.

During his years of active naval service, he completed postgraduate studies in electronics at the Naval Postgraduate School and the Massachusetts Institute of Technology and graduated from the Harvard Business School's Advanced Management Program.

He retired to Annapolis, Maryland, where he sailed and became involved in real estate. In 1974, he moved to Delray Beach, Florida, where he was active in civic and naval organizations. He

died there on October 25, 1989, leaving his wife, four daughters and a son.

RADM Fahy was awarded the Legion of Merit, the American Defense Service Medal, the National Defense Service Medal and the World War II Victory Medal. He was a member of the Institute of Radio Engineers, The U.S. Naval Institute, The Society of Naval Architects and Marine Engineers, Serra International, and the USNA Alumni Association, and was past president of the American Society of Naval Engineers.

CHRONOLOGY OF NAVAL SERVICE

1910 Born, Brooklyn, New York, May 8

1928 Joined the Naval Reserve

1934 Graduated from the U.S. Naval Academy, Annapolis, MD

1934 USS TUSCALOOSA (CA-37)

1937 Commander Cruisers Scouting Force, Communications Watch Officer

1938 Submarine School, New London, CT, Student

1938-1941 USS PERMIT (SS-178), Torpedo and Gunnery Officer

1941 Postgraduate School, Annapolis, MD, Instruction in Electronic Engineering

1943 MIT, training; Prospective Commanding Officers' School, Submarine Base, New London, CT, training

1943 USS SPEARFISH, (SS-190), CO

1944 USS PLUNGER, (SS-179), Navigator, CO

1944 Commander Training Command, Submarine Force, Pacific, Electronics and New Development Officer

1945-1949 Bureau of Ships, Director of the Electronic Division and Ship and Amphibious Division

1949-1951 Norfolk (VA) Naval Shipyard, Shipyard Electronics Officer

1951-1953 Commander, Submarine Force Atlantic, Force Material Officer

1953-1956 Naval Underwater Sound Laboratory, New London, CT, CO and Director

1956-1958 Mare Island Shipyard, Vallejo, CA., Production Officer

1958-1962 Bureau of Ships for Research and Development, Assistant Chief

- 1962-1965 Mare Island Shipyard, Vallejo, CA, Commander; Promoted to Rear Admiral
- 1965 San Francisco Bay Naval Shipyard, Vallejo, CA, and Mare Island Division, Vallejo, CA, Commander
- 1969 Retired from U.S. Navy, August 1
- 1989 Died, October 25, Delray Beach, Florida

DESCRIPTION OF PAPERS

The papers of Rear Admiral Edward J. Fahy were presented to the Naval War College Foundation for deposit in the Naval Historical Collection by the Admiral's son, Captain Edward J. Fahy, USN, in November 1991. The collection focuses on the admiral's naval career, with emphasis on his submarine service, his directorship of the Naval Underwater Sound Laboratory, New London, Connecticut, and of the Mare Island Shipyard, Vallejo California. The materials are housed in six boxes that measure two and one half linear feet. The collection is divided into eight series.

Series I, Correspondence, contains both personal and official letters sent and received, 1936-1971, inclusive. Personal letters consist of letters sent by the Fahy daughters to their parents as well as several from other relatives. Official letters and memoranda regarding the rescue of the USS SQUALUS in 1939, the use of radar in the fleet during World War II, the Sea Hawk project in 1966, beneficial suggestions received while Director, Naval Underwater Sound Laboratory as well as other correspondence and letters sent and received regarding ship launchings at Mare Island Naval Shipyard, Vallejo, CA form the greater part of the correspondence section.

Series II, Naval Orders, contains a complete record of his assignments from 1933 through 1953, while Series III, biographical information, houses copies of his official Navy biography and his obituary printed in Shipmate, January-February 1990.

Speeches, Series IV, 1946-1957, consist of notes and official presentations given as Director of the U.S. Navy Underwater Sound

Laboratory and Commanding Officer of the Mare Island Naval Shipyard. Writings, Series V, 1936-1965, contain papers on fleet electronics materials, system coordination in naval shipyards for electronics, electrical and ordinance work, research, careers in science, organization, management and published articles in the U.S. Naval Institute Proceedings, the Journal of the American Society of Naval Engineers and Electron.

Subject files, Series VI, 1935-1971, house a 1935 report of the submarine officers conference regarding submarine characteristics of new construction, with a cover memo by Joseph K. Taussig, and various memoranda on improvements in submarines, hull welding, trials and inspections, tactical requirements for sub air search raiders, sub maintenance cycle, maintenance of electronic equipment modifications in submarines and submarine strength. Memoranda, reports, instructions, charts, correspondence and schema for electronic spare parts are the second major segment in this series. Booklets, memoranda, presentations and reports in production, planning, costs, quality control, appraisal, budget, and destroyer building practice at the Mare Island Shipyard complete this series.

Series VII, Reports, 1918-1971, has information on submarines, shipbuilding capacity and costs in the U.S. Navy, defense planning, antenna systems on ship and shore and several curriculum items from courses RADM Fahy attended.

Miscellany, Series VIII, contains a variety of materials, including newspapers from various stations Fahy commanded, certificates, programs, booklets, including historical information on the Mare Island Naval Shipyard, career photographs, including

shots of shipbuilding and ship launchings, a notebook and address book from the U.S. Naval Academy, 1934, and Naval War College Correspondence course materials for Strategy and Tactics, 1938-1939, with his solutions.

ARRANGEMENT OF PAPERS
Manuscript Collection 120
Series I
Correspondence, 1936-1972

Box	Folder	
1	1	Correspondence, Letters sent, 1946-1972
	2	Letters received, 1944-1964
	3	Letters received, 1967-1971
	4	Family correspondence, 1936-1961
	5	Correspondence, 1946-1971
	6	Memoranda regarding radar equipment in the fleet, 1941-1942
	7	Memoranda regarding rescue of USS SQUALUS, 1939
	8	Correspondence, letters received as Director, Naval Underwater Sound Laboratory, 1953-1955.
	9	Memoranda, Naval Underwater Sound Laboratory, 1953-1956
10		Memoranda regarding Sea Hawk project, 1966

Series II
Naval Orders, 1933-1958

1	1	Naval Orders, 1933-1958
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Series III
Biographical Information

1	1	Biographical information and obituary notice, 1965-1990
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**Series IV
Speeches, 1946-1957**

Box	Folder	
2	1	Speeches, 1954-1967
	2	Notes for speeches, undated- 1965
	3	Speeches of others, 1946

**Series V
Writings, 1936-1965**

2	1	Papers, 1948-1954
	2	Papers for Naval Post Graduate School Seminars, 1964-1965
	3	Published Writings, 1936-1949
	4	Published Writings of others, 1955

**Series VI
Subject Files, 1945-1971**

2	1	Submarines, characteristics of
	2	Submarines, 1947-1953
	3	Ship Electronic Maintenance, Spare Parts, 1945-1949
	4	Ship Electronic Maintenance, Spare Parts, 1945-1951
	5	Mare Island Navy Yard: Destroyer Building Practice, undated
	6	Mare Island Navy Yard, 1958-1971

**Series VII
Reports, 1918-1971**

3	1	Anti-Submarine work at U.S. Navy Experimental Station, New London, CT, 1918
	2	Resurrection of the Surveying Ship USS KELLAR (TAGS-25) by Stewart B. Nelson
	3	Material Certification Procedures and Criteria Manual for Manned Non-Combatant Submersibles, 1968

Box	Folder	
3	4	The Development of the Submarine, Historical Outline
	5	Shipboard and Shore Station Antenna Systems, 1948
	6	Defense Planning and Organization by Alain Enthoven and Henry Rowen, 1959
4	7	Economic Analysis of Ship Building Costs, 1966
	8	A Study of U.S. Shipbuilding Capacity and Requirements, 1968
	9	Reports from the 8th Annual Technical Symposium Conference, 1971
10	.	Survey of Cost Differential and other Factors- Private versus Naval Shipyards, March 1972
11		USL in Continental Defense and Technical Facilities, USN Underwater Sound Laboratory, 1955-1956
12		Maneuvering Board Manual, 1932
13		MIT Radar School Course, 1943

**Series VIII
Miscellany, 1939-1971**

4	1	Booklets
5	2	NWC Correspondence Course in Strategy and Tactics, 1939
	3	NWC Correspondence Course in Strategy and Tactics
	4	Newspapers, including <u>Echo</u> , USN Underwater Sound Laboratory, New London, CT, 1953-1956; <u>The Mare Island Grapevine</u> , 1958; <u>Shipyard Log</u> , Pearl Harbor Naval Shipyard, Hawaii, 1963; <u>GrapeVine Dry Docker</u> , 1965.
	5	Newspaper Clippings, 1957-1971
	6	Serra Club, 1955-1956
	7	Certificates, 1943-1967
	8	Programs, 1946-1969

Box	Folder	
5	9	Ship Prototype Development, 1945-1959
	10	Maps and Tables
6	11	Notebook
	12	Sound Recording of launching of SARGO, SSN 583, October 10, 1957 and launching of SSBN 641, January 1965.
	13	Career photographs, undated-1968

PUBLISHED ARTICLES

Fahy, Edward J., "The Poor Janitor Thinks." U.S. Naval Institute Proceedings, 62 (January, 1936), pp.31-32.

"Discussion." U.S. Naval Institute Proceedings, 62 (July 1936), pp. 1032-1033.

"NAVShips 4110." Electron, 4 (December 1948), pp. 16-18.

"A New Consideration for Warship Design." Journal of the American Society of Naval Engineers, Inc., 60 (November 1948), pp. 431-442.

"Pushbuttons Need Men." U.S. Naval Institute Proceedings, 75 (February 1949) pp. 149-153.