

PENOBSCOT MARINE MUSEUM

Inventory for
Manuscript Collection

PMM 70

Russell H. Terry Papers

1960-1980

7 boxes
4 linear feet
Accession No. 1981.38

Stephen Phillips Memorial Library

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11 Church St., Searsport, Maine 04974
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PMM 70

Russell H. Terry Papers

Terry, Russell H., 1916-1981

Papers, 1960-1980

6 boxes and 1 oversize box (4 linear feet)

Merchant Marine captain and nautical science professor at Maine Maritime Academy

Course outlines, notes, handouts, and test questions from courses on navigation and nautical science taught by Captain Russell H. Terry at Maine Maritime Academy in the 1960s and 1970s. Includes notes where Terry updated material to reflect changes in technology or Coast Guard regulations, and U.S. Coast Guard publications on issues relevant to Maine Maritime Academy students.

In English

Captain and Mrs. Russell H. Terry; Gift; 1981; 1981.38

Finding aid available; folder level control

Subject Headings:

Maine Maritime Academy

Terry, Russell H., 1916-1981

Electronics in navigation

Merchant marine—Study and teaching

Merchant mariners

Merchant mariners—education

Nautical astronomy

Navigation

Navigation—study and teaching

United States. Coast Guard—Examinations

Acquisition:

This collection was given to the Penobscot Marine Museum by Captain and Mrs. Russell H. Terry.

Restrictions

This collection is open for research. There are no special restrictions, except where original copyright may still be in force.

Condition:

The collection is in good condition.

Historical Note:

Russell H. Terry (1916-1981) was a professor of nautical science at Maine Maritime Academy. He started his career in the U.S. Merchant Marine in the late 1930s, and by 1941 was in command of United Fruit Company steamers. After World War II, he dedicated his career to marine education, working at the Bay State Navigation School in Boston before becoming a professor at Maine Maritime Academy in the early 1950s. There, he taught courses on celestial and electronic navigation, as well as other skills needed for cadets to earn their Coast Guard licenses. Terry stayed at the Academy for nearly three decades, eventually becoming the head of the Nautical Science Department.

Scope and Content:

This collection contains course outlines, notes, handouts, and test questions from courses on navigation and nautical science that Captain Russell H. Terry taught at Maine Maritime Academy in the 1960s and 1970s. It is a detailed record of the changing requirements for merchant marine officers in the late twentieth century.

Most of the material relates to courses on navigation, covering chart navigation, plane sailing, celestial navigation, and the use of electronic systems like radar and Loran. Rules of the road and deck mathematics—covering issues of loading, stability, and displacement—are also represented. Study guides and review questions for U.S. Coast Guard examinations for deck licenses are part of the collection as well.

In addition to course material, this collection contains documents that Terry collected to stay abreast of changes in the merchant marine. These include U.S. Coast Guard publications on safety and rules of the road; instruction manuals for gyro compasses and Decca navigation systems; and question and answer pages taken from *Marine Engineering Log* magazine. Additionally, there is a folder of material preparing for a course on general navigation that Terry taught for the Penobscot Marine Museum in 1980.

Box and Folder List:

Box Folder

Maine Maritime Academy course materials:

1	1	Basic Navigation: Tides—Time—Mercator Charts—Circles of Equal Altitude
	O.S.	Plane Sailing: Traverse—Mid-Latitude—Mercator—Great Circle
	2	Celestial Navigation: Time Transit—Meridian Altitudes—Amplitudes—Azimuths
	O.S.	Running Fix—Three Star Fix—Sight Reduction Tables
	3	Electronic Navigation: Radar Observer
	4	Fall Semester Electronic Navigation: Loran—R.D.F—Omega—Decca—Satellite
2	1	Handouts, celestial Navigation
	2	Radar
	3	Gyro Compasses
	4	Plot Sheets

U.S. Coast Guard Licensing Exams, preparation:

	5	Textbook by Russell H. Terry, c 1975: Chart Navigation—Nautical Astronomy—Tides & Currents—Terrestrial Navigation—Instruments & Accessories
		Review cards:
3	1	Celestial Navigation
	2	Non-Celestial Navigation
	3	Rules of the Road
	4	Deck mathematics
	5	U.S. Coast Guard Deck License, navigation and regulations
	6	U.S. Coast Guard Deck License, instruments, naval engineering, weather
4	1	Examination review, Third Mate's License
	2	Third & Second Mate's Licenses, revised 1977
	3	Chief Mate & Master's License, 1976

- 5 1 Specimen exams: Coast Guard. CG 101-1. Specimen Examinations for Merchant Marine Deck Officers (2nd and 3rd Mate). 1975
- Coast Guard. CG 101-2. Specimen Examinations for Merchant Marine Deck Officers (Master and Chief Mate) Oceans. 1976
- 2 Penobscot Marine Museum, practical navigation course, 1980

Industry Information:

- 3 Gyro Compasses
- 4 Decca Navigation System
- 5 *Marine Engineering Log*, column: Deck Department Questions and Answers
- 6 1 Coast Guard. CG-227. Laws Governing Marine Inspection. 1965
- Coast Guard. CG-227. Laws Governing Marine Inspection. 1975
- 2 Coast Guard. CG-323. Rules and Regulations for Small Passenger Vessels, Subchapter T. 1973
- 3 Coast Guard. CG-123. Rules and Regulations for Tank Vessels, Subchapter D. 1973
- Coast Guard. CG-129. Proceedings of the Marine Safety Council. 1977
- Coast Guard. CG-174. A Manual for the Safe Handling of Flammable and Combustible Liquids and Other Hazardous Products. 1976
- Coast Guard. CG-329. Fire Fighting Manual for Tank Vessels. 1974.
- Coast Guard. Oil Pollution Control for Tankermen. 1973 (2 copies)
- U.S. Department of Commerce. Shipboard Guide to Pollution-Free Operations. 1976
- 4 Coast Guard. CG-340. Official U.S. Coast Guard Recreational Boating Guide. 1966
- Coast Guard. CG-290. New Lighting Requirements: Federal Requirements for Recreational Boats. 1978 (3 copies)
- 5 Coast Guard. CG-169. Rules of the Road, International-Inland. 1962
- Coast Guard. CG-169. Rules of the Road, International-Inland. 1965
- Coast Guard. CG-169. Rules of the Road, International-Inland. 1972
- Coast Guard. CG-169-1. Colregs Demarcation Lines, Supplement to Navigation Rules, International-Inland. 1977
- Coast Guard. CG-193. Coast Guard Aids to Navigation. 1974
- Coast Guard. CG-462. Loran-C User Handbook. 1974
- Tate, William H. "A Mariner's Guide to Rules of the Road." Annapolis: Naval Institute Press, 1974
- 6 Lambeth Corporation. Knots and Splices.
- Navy Department. A Brief Guide to U.S. Naval History Sources in the Washington, D.C. Area. 1957
- Navy Department, Naval History Division. The Chiefs of Naval Operations and Admiral's House. 1967

Oversize:

- Maine Maritime Academy course materials:
- 7 1 Plane Sailing: Traverse—Mid-Latitude—Mercator—Great Circle
- 2 Running Fix—Three Star Fix—Sight Reduction Tables