

Collection name: Neil Swendsboe Collection

Collection number: TBRC-20

Dates: 1950s-1980s

Quantity: 5 boxes

Provenance note: Materials collected relating to career of Hans E. Swendsboe. Donated in 2009.

Biographical & Historical Information: Hans E. Swendsboe was born on May 22, 1924. He was a vessel design engineer for the Cleveland, OH firm of H. C. Downer & Associates (org. 1951), which later became Marine Consultants & Designers, Inc. He was a member of the Society of Naval Architects & Marine Engineers. Hans died in Dedham, Massachusetts on February 21, 2006 at the age of 81. Neil Swendsboe is the son of Hans. Neil graduated from Bentley University in MA and is the owner of StarPacker. He lives in Nashua, New Hampshire.

Scope & Content: Great Lakes vessel plans, vessel design studies and articles.

Access: Open to research.

Preferred Citation: Neil Swendsboe Collection, Thunder Bay National Marine Sanctuary, Alpena, MI.

Contents:

Box 1: Vessel Plans

Folder

1. Vessel plans: BLOCK, E. J.
2. Vessel plans: GRAND ISLAND; midship section
3. Vessel plans: OGLEBAY, CRISPIN; general plans – conversion to self-unloader
4. Vessel plans: SYKES, WILFRED; midship section
5. Vessel plans: SYKES, WILFRED; booklet of general plans
6. Vessel plans: SYKES, WILFRED; general plans
7. Vessel plans: SYKES, WILFRED; general plans
8. Vessel plans: TAPLAN, FRANK; decks & profile
9. Vessel plans: TAPLAN, FRANK; midship section
10. Vessel plans: TAYLOR, MYRON C.; general arrangement of self-unloading equipment & general arr.
11. Vessel plans: UPSON, J. E.; bulkheads
12. Vessel plans: UPSON, J. E.; midship section

13. Vessel plans: UPSON, J. E.; profile & decks
14. Vessel plans: WALLACE, ROBERT B.; profile & decks
15. Vessel plans: WALLACE, ROBERT B.; bulkheads
16. Vessel plans: WALLACE, ROBERT B.; cabins
17. Vessel plans: WALSH, J. P.; deck arrangement & profile
18. Vessel plans: WALSH, J. P.; hull lines
19. Vessel plans: WOLF, WILLIAM H.; bulkheads
20. Vessel plans: WOLF, WILLIAM H.; expansion plan
21. Vessel plans: WOLF, WILLIAM H.; lines
22. Vessel plans: WOLF, WILLIAM H.; profile & decks
23. Vessel plans: WOLF, WILLIAM H.; rudder (streamline)

Box 2: Vessel Plans*Folder*

1. Vessel plans: Bulk carrier for Inland Steel Co.; after quarters arrangement
2. Vessel plans: Bulk carrier for Inland Steel Co.; forward quarters arrangement
3. Vessel plans: Bulk carrier for Inland Steel Co.; inboard-outboard profiles & deck plan
4. Vessel plans: General plans for steel freighter
5. Vessel plans: Drawing No. PD270-S16-2-1; hatch crane, etc.
6. Vessel plans: 318; anchors, cables, etc.
7. Vessel plans: Midship section of steamer Nos. 171, 351, 353, 354, 440, 624
8. Vessel plans: Steamer No. 353; cabin plan
9. Vessel plans: US Maritime Commission plan No. 565 S29-1-3; capacity, arrangement, & data sheet
10. Vessel plans: Hulls 867 & 868; Drawing No. 867H-S11-11-1; midship section
11. Vessel plans: Drawing No. 867H-S9-0-3 sk. 4; outboard profile
12. Vessel plans: US Maritime Commission plan No. C1-M-AV1; G..GS plan No. V-1700 – Cargo ships; capacity plan with defense features
13. Vessel plans: Drawing No. Det. 160H-S5-0-1; mold loft offsets
14. Vessel plans: C4-S-B5 conversion to Great Lakes ore carrier; loading & unloading details (Wisconsin-Michigan SS Co.)
15. Vessel plans: Proposed conversion of a USMC design EC2-S-C1 Liberty Ship to a Great Lakes ore car..
16. Vessel plans: DOWNER, H. C.; design of proposed Lake tanker
17. Vessel plans: Steam whale catcher (foreign)

Box 3: Vessel Design Studies*Folder*

1. Great Lakes ore carrier SS GEORGE M. HUMPHREY
2. RICHARD M. MARSHALL: ore carrier design pays off in efficiency and economy
3. EDWARD L. RYERSON, Great Lakes bulk ore carrier
4. SEA WITCH; sea trials etc from “Motorship & Diesel Boating”
5. Hull specification for repowering & reboiling of str. WILLIAM P. SNYDER, JR.
6. Design and construction of Great Lakes bulk freighter WILFRED SYKES
7. Conversion of CI-M-AVI, MV COASTAL DELEGATE to Great Lakes cement carrier MV PAUL H. TOWNSEND
8. Reboiling the HOMER D. WILLIAMS
9. Conversion of C4 class ocean vessel for Great Lakes service by the Maryland Drydock Co.
10. Engineering study of proposed car ferry for Chesapeake & Ohio Railway Co.

11. Great Lakes ore carriers, SS "Johnstown" Class
12. One thousand foot Great Lakes self-unloader, Erie Marine, Hull 101
13. Vessel photographs (8 x10): CONSUMERS POWER; MARSHALL, RICHARD M.; TOWNSEND, PAUL H.; Unknown; interior ship construction
14. Vessel images: BOLAND, JOHN J.; MUNSON, JHON G.; unloading equipment...

Box 4:*Folder*

1. "Aluminum ore carriers," Society of Naval Architects & Marine Engineers, Great Lakes Section, Jan. 1952
2. Bethlehem Steel Company, "Inland Voyage" (booklet)
3. Bulk carriers (misc. articles)
4. Bulk carriers (misc. articles)
5. Cape Cod Canal, 1914-1964, 50th Anniversary Souvenir Program
6. Cruise Lines International Association; Holiday at Sea-Ship profiles, 1980
7. Geared turbine repowering for Great Lakes vessels
8. Great Lakes super tankers: Canada's solution to the transportation of western crude
9. H.C. Downer & Associates, Inc.-Naval Architects & Marine Engineers
10. Liaaen Wegner controllable pitch propeller
11. SS MANHATTAN brochure
12. Map of Great Lakes w/ sailing distances
13. Marine Consultants & Designers, Inc. (formerly H.C. Downers & Associates, Inc.)
14. Portfolio of American merchantmen, painted for *Fortune* by Lemuel B. Line
15. Self-unloader articles
16. Ship model classification guidelines
17. Some observations on the shape of ship forebodies with relation to heavy weather
18. Steering gears and their selection
19. Streamlining the ore carrier
20. US Naval Institute proceedings (July 1971)

Box 5: Periodicals*Folder*

1. American Ship Builder (May 1947 – July 1950; not complete run)
2. Marine Engineering Log, Savannah issue (Aug. 1962)
3. Marine Engineering & Shipping Review, Distinctive Ships (Nov. 1947, Dec.1952)
4. Maritime Reporter (Nov. 15, 1952; Oct. 1, 1953)
5. Ships and the Sea "Troopship rescue of World War II" (Spring 1957)
6. Ships Monthly (Nov. 1986, Dec. 1986, Aug. 1987)
7. Sperryscope; "50th Anniversary of powered flight" (Vol. 13, No. 3, 1953)
8. Tracks: Chesapeake & Ohio Railway (Oct. 1952, Sept. 1955)
9. Waterways (Sept. 1953)