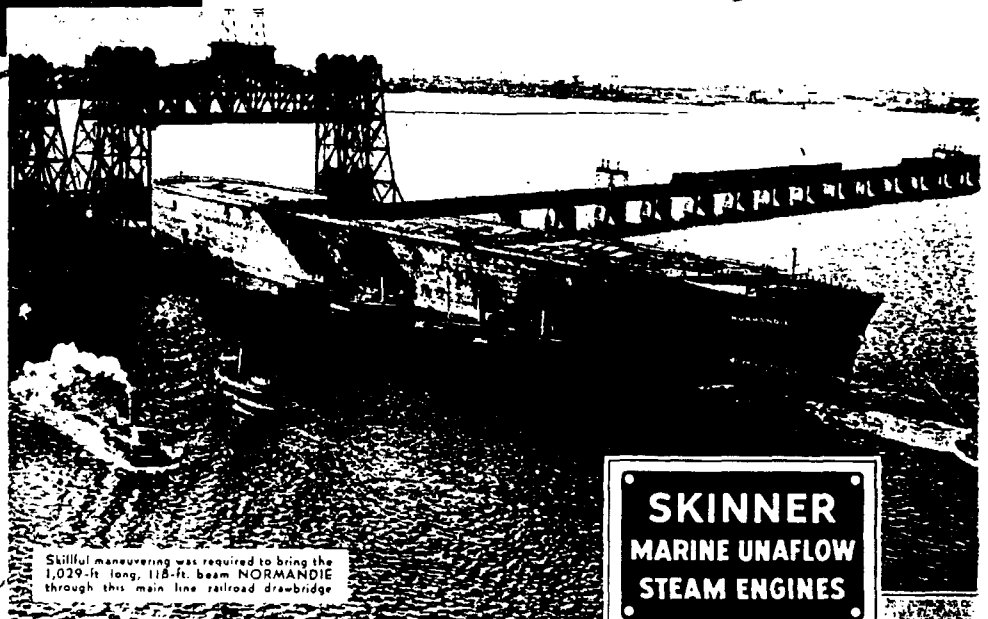


Marine Engineering

**MESECK'S
MIGHTY
MIDGETS**

Do it again!



Skilful maneuvering was required to bring the 1,029-ft. long, 118-ft. beam NORMANDIE through this main line railroad drawbridge.

**SKINNER
MARINE UNAFLOW
STEAM ENGINES**

AND TO QUOTE Mr. MESECK...

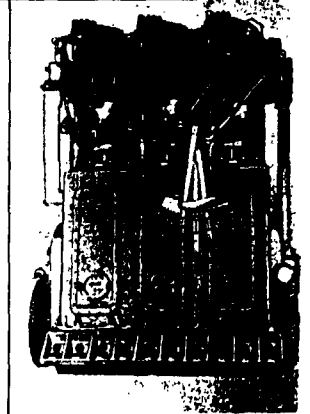
"This outstanding towboat feat was accomplished through the pinpoint maneuverability of our tugs, which assured the result of the precision-planned operation."

The last trip of the once proud NORMANDIE, to her consignment with the wrecking crew, was undoubtedly one of the greatest towing jobs ever performed. It was charted and executed by Meseck Towing Lines, Inc., of New York City.

The hazardous twelve mile trip, from Brooklyn to Port Newark, had to be planned with almost stop-watch precision. Bergen Point, where three tides converge, had to be negotiated at just the right time; the enormous hulk had to be handled with masterful accuracy through

the drawbridge shown in the photograph, where the slightest contact with her 64,000 tons would have meant disaster; around treacherous rocks; and through shallow and narrow channels, with a foot and a half of water under the big ship's keel.

Since 1937, Meseck Towing Lines, Inc., have standardized on Skinner Marine Unaflo Steam Engines, giving further evidence of their dependability, their maneuverability, and their unmatched low maintenance and operating cost.



3-cylinder, 1200-hp. Harbor and Coastwise Tugboat Engine

For Over 75 Years, Doing One Thing Well—Building Steam Engines

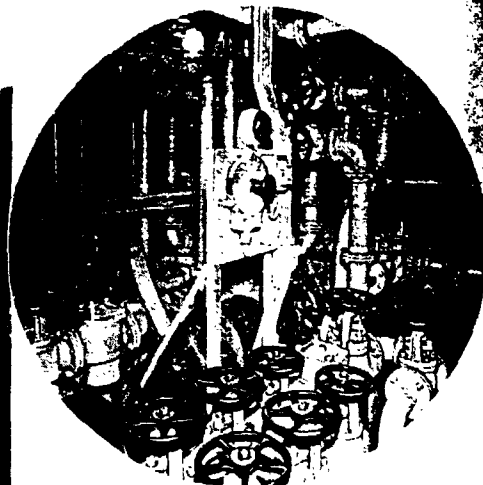
SKINNER ENGINE COMPANY, ERIE, PA.

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**PLAINTIFF'S
EXHIBIT**

WK CC 5017

BELOW DECK cargo transfer control station with valves, manifold valves, fittings and pipe from the complete Crane marine line.



BILGE MANIFOLD, TRANSFER VALVES and fresh water cooling lines to engines on a merchant vessel—all Crane equipment.

Why so much Marine Piping is equipped by CRANE



OIL TANKER featuring Crane standard iron body wedge gate valves with cleanout, in deck cargo lines. Flanged fittings and brass valves also by Crane.

No matter what piping equipment you need . . . valves, fittings, pipe, shop-fabricated units, or pipe line accessories . . . for service below or above deck . . . most likely Crane supplies it. Fast, modern facilities at nearby Crane Branches and Wholesalers bring you everything for the installation, and all on one order.

That's why a lot of marine piping men standardize on the complete Crane line. It simplifies piping jobs from start to finish . . . whether new installations or replacements. And it pays big dividends because it gives you this 3-way advantage:

ONE SOURCE OF SUPPLY offering the world's largest selection of steel, iron and brass piping materials, for all power and utility service applications on board ship.

ONE RESPONSIBILITY for piping materials—helping you to get the best installation, and to avoid needless delays on the job.

OUTSTANDING QUALITY in every item—assuring uniform dependability and durability throughout piping systems.

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