

MARINE ENGINEERING

The
**THUNDER BAY
QUARRIES**
Another Great Lakes
Bulk Carrier

**SKINNER
MARINE UNAFLOW
STEAM ENGINE**

AFTER repowering with a Skinner Marine Unaflow Steam Engine this Great Lakes self-unloader operated 257 days during the 1951 navigation season; carried 109 cargoes, totaling 923,590 net tons, and traveled in excess of 50,000 miles; *with no trouble whatsoever in her propulsion plant.*

On a comparable basis this record shows a gain of 20 cargoes, or trips, per season, over performance before repowering. Although the propulsive power has been increased approximately 50%, the fuel rate per ton-mile has been appreciably reduced.

The "THUNDER BAY QUARRIES" is owned by American Steamship Company and managed by Boland and Cornelius, Buffalo, New York.

For Over 80 Years, Doing One Thing Well - Building Steam Engines
SKINNER ENGINE COMPANY, ERIE, PA.
Licensees for Canada: Canadian Vickers Limited, Montreal

**PLAINTIFF'S
EXHIBIT**

WK CC 5016

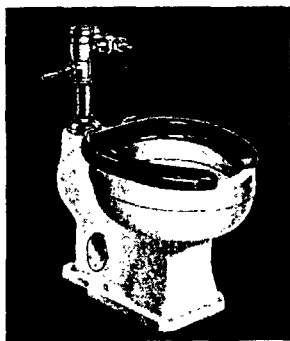
CRANE

the preferred plumbing

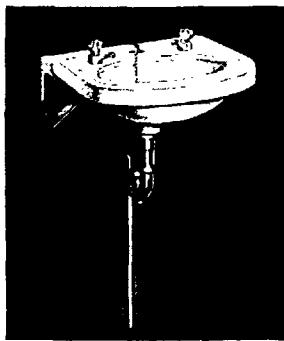
SELECTED FOR CRAFT OF ALL TYPES

Crane plumbing is an old sailor you can always depend on for steady service and low upkeep. That's why Crane is the *preferred* plumbing on craft of all types—from mighty aircraft carriers to smallest pleasure ships. Furthermore, in the complete Crane line of marine plumbing, you will find everything necessary to meet your particular requirements. Your nearest Crane Branch or Crane Wholesaler is ready to assist you.

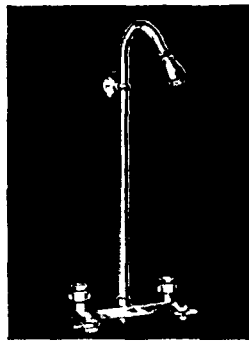
TYPICAL FIXTURES FROM THE COMPLETE CRANE LINE OF MARINE PLUMBING



CRANE SANTON CLOSET of easy-to-clean vitreous china. Efficient siphon jet flushing with non-return valve assures absolute sanitation.



CRANE MARINER LAVATORY of highest quality vitreous china. A space-saver and a water-saver with Victor Magiclose self-closing faucets.



CRANE SHOWER with exclusive Dial-see controls that operate at a finger's touch to help reduce wear and consequent dripping.

CRANE CO.

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VALVES • FITTINGS • PIPE
PLUMBING AND HEATING

April, 1952

Marine Engineering