

# HISTORIC AMERICAN ENGINEERING RECORD

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*AMERICAN RACER*

HAER CA-346

Suisun Bay Reserve Fleet

Benicia vicinity

Solano County

California

## INDEX TO BLACK AND WHITE PHOTOGRAPHS

Jet Lowe, photographer, July 2007

- |           |   |
|-----------|---|
| CA-346-1  | View of port bow. Suisun Bay Reserve Fleet maintenance barge in foreground.   |
| CA-346-2  | Bow view.   |
| CA-346-3  | Starboard bow looking forward from neighboring ship.  |
| CA-346-4  | Forecastle Deck looking after, with anchor windless, king posts, and deck house in the distance.  |
| CA-346-5  | Main Deck and cargo booms from above, looking forward from port side. Taken from neighboring ship.  |
| CA-346-6  | Deck-house superstructure, looking aft.   |
| CA-346-7  | Port side of deck house, showing bridge wing, wheel house, and false funnel surmounted by radar and signal mast. Taken from neighboring ship. |
| CA-346-8  | Starboard side amidships, looking aft toward deck house. Mast house and king post in foreground. Taken from neighboring ship.                 |
| CA-346-9  | Cargo deep tank, port side. Note heating coils.   |
| CA-346-10 | Forecastle deck, view from starboard, showing hatch over No. 1 cargo hold.  |

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- CA-346-11 View looking aft from neighboring ship showing mast houses, king posts, and cargo booms.
- CA-346-12 Deck house, view from aft looking forward along starboard side. Note boiler uptakes doubling as king posts.
- CA-346-13 Cargo-handling controls, view looking after from Upper Deck. Hatch to No. 6 cargo hold visible on deck below.
- CA-346-14 Center No. 4 Upper Tween Deck hold for dry cargo, looking aft on the Second Deck.
- CA-346-15 Port No. 4 Lower Tween Deck hold for dry cargo, looking aft on the Third Deck.
- CA-346-16 Port No. 4 Lower Tween Deck hold, looking forward on the Third Deck.
- CA-346-17 No. 5 Upper Tween Deck insulated cargo hold for refrigerated or dry cargo, view looking forward on the Second Deck. No. 5 Lower Tween Deck Hold for dry cargo visible below on the Third Deck. Note insulated doors into adjacent reefer compartments.
- CA-346-18 No. 6 Upper Tween Deck hold for refrigerated or dry cargo, looking aft on the Second Deck.
- CA-346-19 Evaporative coolers, part of the fan-room machinery for the reefer compartments.
- CA-346-20 Wheel house, looking forward. Note automated throttle-control console in center.
- CA-346-21 Interior of wheel house, looking aft. Note chart table enclosure in center.
- CA-346-22 Radio room, Cabin Deck, starboard side, looking forward.
- CA-346-23 Radio room, looking forward into radio officer's cabin, with HAER Maritime Program Manager Todd Croteau in foreground.
- CA-346-24 Captain's day room, Cabin Deck, starboard side, looking forward.
- CA-346-25 Captain's stateroom, Cabin Deck, starboard side, view looking aft. Captain's day room visible through door in background.

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- CA-346-26 Passenger stateroom, Cabin Deck, port side, looking forward.
- CA-346-27 Able-bodied seaman's cabin, Upper Deck, port side.
- CA-346-28 Engine room automated control console, Third Deck, looking forward.
- CA-346-29 Steam-atomizing fuel-oil burner on the starboard boiler, looking aft.
- CA-346-30 View of main reduction gear looking from starboard side to port. Note propeller shaft passing through bulkhead to the left.
- CA-346-31 Shaft alley, looking aft. Note sensor housing, part of the ship's original automated engine-control system.
- CA-346-32 Fuel-oil tank indicating system. Note chalk board and fuel transfer manifold.
- CA-346-33 Detail of fuel-oil tank indicating system. Note operating instructions.
- CA-346-34 Cargo refrigeration compressors and temperature recorders, Third Deck, looking to starboard.
- CA-346-35 Steering-gear compartment, starboard side looking forward.
- CA-346-36 View of stern and starboard quarter, looking forward, taken from neighboring ship.
- CA-346-37 Stern of *American Racer* in right foreground with raft of additional reserve fleet ships in background.
- CA-346-38 Stern view. Liner *Lincoln* appears at left and the LASH ship *Cape Fear* appears at right.
- CA-346-39 Stern view.
- CA-346-40 Engine room, view of low-pressure turbine from platform above.