

HISTORIC AMERICAN ENGINEERING RECORD

HAER
CAL.
21-5AUS,
1-

Index to Photographs

Steam Tug *WAPAMA*
Army Corps of Engineers Dock
San Francisco National Historical Park
Sausalito
Marin County
California

HAER No. CA-67

NOTE: Photographs were taken by Jet Lowe, HAER Photographer, April 1988

- CA-67-1 VIEW OF STARBOARD ELEVATION
- CA-67-2 VIEW SHOWING PORT ELEVATION OF *WAPAMA*, WITH SCOWSCHOONER *ALMA* IN FOREGROUND
- CA-67-3 STERN VIEW OF *WAPAMA* AND *ALMA*, LOOKING OFF PORT QUARTER
- CA-67-4 UNDERSIDE VIEW OF *WAPAMA*, LOOKING TOWARD RUDDER
- CA-67-5 VIEW LOOKING AFT TOWARD PROPELLER SHAFT (PROPELLER HAS BEEN REMOVED) AND RUDDER
- CA-67-6 VIEW SHOWING PORT ELEVATION OF PROPELLER SHAFT AND RUDDER
- CA-67-7 VIEW LOOKING FORWARD TOWARD FORECASTLE FROM PORT SIDE OF MAIN DECK
- CA-67-8 VIEW LOOKING FORWARD TOWARD CARGO HATCH AMIDSHIPS
- CA-67-9 VIEW LOOKING FORWARD TOWARD FORECASTLE BULKHEAD, PORT SIDE
- CA-67-10 VIEW OF CREW'S QUARTERS, FORECASTLE, PORT SIDE
- CA-67-11 VIEW LOOKING AFT TOWARD DECK HOUSE, ALONG MAIN DECK, PORT SIDE
- CA-67-12 VIEW FROM PORT SIDE OF MAIN DECK, SHOWING DECK HOUSE WITH TWO DONKEY STEAM CARGO ENGINES ABOVE
- CA-67-13 VIEW FROM PORT SIDE OF DECK HOUSE, LOOKING AFT TOWARD POOP DECK BULKHEAD AND ENTRY INTO CREW'S MESS
- CA-67-14 VIEW OF CREW'S MESS ON MAIN DECK, JUST AFT OF POOP DECK BULKHEAD, PORT SIDE
- CA-67-15 VIEW OF GALLEY, AMIDSHIPS JUST AFT OF POOP DECK BULKHEAD

Steam Tug WAPAMA
HAER No. CA-67
Index to Photographs
(Page 2)

- CA-67-16 VIEW LOOKING STARBOARD OF GALLEY, SHOWING STEWARD'S STORES AND PANTRY
- CA-67-17 VIEW LOOKING TOWARD STARBOARD OF PASSENGER DINING SALOON WHICH RUNS ATHWARTSHIPS AFT OF GALLEY
- CA-67-18 VIEW OF STAIRCASE LEADING TO SOCIAL HALL ON CABIN (POOP) DECK, LOCATED IN CENTER OF FORWARD END OF DINING SALOON
- CA-67-19 VIEW OF SOCIAL HALL AT TOP OF STAIRCASE, ON CABIN (POOP) DECK
- CA-67-20 VIEW OF RAILING AT TOP OF STAIRS
- CA-67-21 VIEW OF BOW SECTION, STARBOARD SIDE, LOOKING FORWARD ALONG KEELSON TOWARD CHAIN LOCKER BULKHEAD
- CA-67-22 DETAIL VIEW OF BOW STERN, SHOWING STEEL AND WOOD DECK REINFORCEMENT
- CA-67-23 DETAIL VIEW LOOKING FROM HOLD, STARBOARD SIDE (SUPERSTRUCTURE HAS BEEN EXPOSED WHERE CEILING HAS BEEN REMOVED)
- CA-67-24 DETAIL VIEW OF KNEE BRACES, STARBOARD SIDE, LOOKING TOWARD COLLISION BULKHEAD
- CA-67-25 VIEW LOOKING AFT BETWEEN DECK
- CA-67-26 VIEW OF CARGO HOLD, LOOKING FORWARD, WITH MAINMAST IN FOREGROUND
- CA-67-27 VIEW SHOWING REAR OF BOILERS, JUST AFT OF MAINMAST
- CA-67-28 VIEW OF OIL-FIRED WATER TUBE BOILERS WITH FURNACES, FACING AFT. TWO FUEL OIL TANKS FLANK BOILERS
- CA-67-29 VIEW OF FEEDWATER FILTER AND HEATER, PORT SIDE OF ENGINE ROOM, JUST AFT OF FUEL OIL TANK
- CA-67-30 VIEW SHOWING FORWARD SIDE OF CONDENSER, AFT OF BOILERS
- CA-67-31 VIEW SHOWING STARBOARD SIDE OF STEAM TRIPLE EXPANSION ENGINE; STEAM CHEST IS ABOVE, CONDENSER BELOW
- CA-67-32 DETAIL VIEW OF ENGINE CONTROL
- CA-67-33 VIEW OF ENGINE FROM AFT, LOOKING FORWARD, SHOWING STEAM CHEST (ABOVE) AND CONDENSER (BELOW)

Steam Tug WAPAMA
HAER No. CA-67
Index to Photographs
(Page 3)

- CA-67-34 VIEW OF PORT SIDE OF ENGINE, SHOWING MAIN CIRCULATING PUMP
- CA-67-35 VIEW OF MAIN DECK ENGINE FLAT, LOOKING AFT AT STEAM CHEST AND CYLINDER HEADS. ORIGINAL STEAM FIRE PUMP IS ON PORT SIDE
- CA-67-36 VIEW LOOKING FORWARD ALONG STEAM CHEST AND CYLINDER HEADS TOWARD DONKEY BOILER
- CA-67-37 VIEW OF TWO STEEL DYNAMOS IN STARBOARD CORNER OF ENGINE ROOM, SHOWING VESSEL'S ELECTRICAL DISTRIBUTION PANEL TO THE RIGHT
- CA-67-38 VIEW OF STUFFING BOX FOR PROPELLER SHAFT, AND RUDDER TRUNK, AFTER PEAK