

STEEL STEAMER ~~IN MOTORSHIP~~

Received at London Office AUG 1942

State of Report has been sent on the Freeboard of the Vessel YES

State of Report is sent on the Machinery of the Vessel YES

Date of completion of report April 23, 1942

Port of RICHMOND, CALIFORNIA

No. 17

Survey held at RICHMOND, CALIFORNIA

Date First Survey January 19, 1942

Last Survey

April 23rd

19 42

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Steel Single Screw Steamer "OCEAN VETERAN"

State Type (Full scantling, Complete Superstructure with or without Tonnage Openings) Complete Superstructure, with T. O. closed

State Type of Erections --

TONNAGE under 6734.64
Tonnage Deck...)CLASS +100 A1 (State if with freeboard) Yes
With freeboard, corresponding to a summer mld. draft of 26'10" FEET.

Built at RICHMOND, CALIFORNIA

Do. of space or spaces between Tonnage Dk. and Upper Dk. ---

Length from fore part of stem to after part of stern } L 416.00 ✓
most on summer L.W.L. See Sec. 3 (1a)

Launched March 28, 1942 Yard No. 17

Total ---

Breadth (greatest moulded) B 56.90 ✓

Builders TODD-CALIFORNIA SHIPBUILDING DIVISION
OF THE PERMANENTE METALS CORPORATION

Gross Tonnage 7174.44

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous } D 37.33 ✓
deck. See Sec. 3 (1c)

Owners H. M. GOVERNMENT IN THE UNITED KINGDOM

Register Tonnage 4272.08

Depth to 2nd Deck = 28.58' ✓
1st Longitudinal Number (L x D) = 15529 ✓Managers ---
(Where necessary to be entered in Reg. Book.)REGISTERED DIMENSIONS.
FEET.

Length 425.1

Framing Depth "d," at middle of length. See } 24.96 ✓
Sec. 3 (1d)

Residence ---

Breadth 57.0

Proportions—Depth to Length—Uppermost con- } 11.14 ✓
tinuous deck to top of keel

Port of Registry LONDON

Depth 34.85

Draught Moulded 26.83 ✓

If surveyed while building, afloat, or in dry dock

on stocks, afloat and in dry dock

FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	30 ✓		Bracket Floors, Frame inv. angle	6 3½ .38 ✓	
" " from ⅓ length amidships to } Collision bulkhead.....}	27 ✓		" " Reversed Frame inv. angle 6 3½ .38 ✓		
" " in peaks.....	24 ✓		" " Vertical Struts [8x3½x3½x.42/.50 ✓		
SIDE FRAMING.			Centre Girder, depth and thickness amidships 43.5 x .54 ✓		
Frame Amidships, xxxx [xxxx]	12x4x4x.59/.69 ✓		" " xxxxxx welded top ✓	---	
" " Extends up to	2nd deck ✓		" " xxxxxx & bottom ✓	---	
Reversed Frame Amidships, Angle	---		Side Girders, No. each side and thickness	one .38 ✓	
" " Extends up to...	---		Margin Plate xxxxxx horizontal width ✓	68 x .54 ✓	
Depth of Framing Girder	12 ✓		" " xxxxxx thickness }		
Frames in Uppermost Continuous 'tween } Decks, xxxxxx [xxxxxx]	6x3½x3½x.34/.38 ✓		" " Vertical Angle to Tank side } Bracket abaft ½ len. from } stem }	Welded to } tank side } brackets ✓	
" " Second 'tween Decks, Angle, [or []	---		" " Vertical Angle to Tank side } Bracket from forward ½ len. } from stem to Panting Area } Gussets, spacing and scantling } abaft xxxxxx from stem } No. 1 Hold }	12 x .44 } continuous ✓	
" " Third	---		" " Gussets, spacing and scantling } No. 2 Hold }	15 x .44 } continuous ✓	
" " No. 1 Hold (frs. 13-38) } from ½ len. for'd. to 15% len. from } Stem..... }	15x3.37x3.37x.52/.62 ✓		Tank Side Brackets, height above base line } at toe of Frame and thickness }	85.5 x .44 ✓	
" " No. 2 Hold, as amidships } in Peaks, xxxxxx [xxxxxx]	8 3½ .34 ✓		INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through } Frame and Shell Plating amid- } ships	7/8 @ 6½ dias. ✓		Breadth and thickness of Middle Line Strake ...	60 x .52 ✓	
State if Frame Joggled	No ✓		Thickness of remainder in Holds .....	.44 ✓	
Are the scantlings and arrangements in the } Panting Area in accordance with the Rules } and/or as approved?	Yes ✓		Are Rule requirements complied with regarding } increases of scantlings in way of double } bottom in E. & B. space and framing in } Bunkers and Boiler Room?	Yes ✓	
Are the scantlings and arrangements in way } of the Bottom Forward in accordance with } the Rules and/or as approved?	Yes ✓		BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships } Inv. Angle / xxxxxx Angle xxxxxx }	7 4 .38 ✓	
Floors, Depth and thickness at mid-line in } Holds	---		" " in way of Bridge, Angle, } [or []	---	
Height of Brackets at side above } base line at toe of frame	---		Spacing	ev. fr. ✓	
Middle Line Keelson, on Floors, Angles, } [or []	---		Second Deck, amidships, Angle, xxxxxx }	8 4 .43 ✓	
" " Through Plate or } Intercoastal Plate...	---		Spacing	7 4 .38 ✓	2 beams
" " Foundation Plate on } Floors	---		Third Deck, amidships, Angle, [or []	---	
" " Flat Plate Keel Angles	---		Spacing	---	
Side Keelsons, No. each side	---		Fourth Deck, amidships, Angle, [or []	---	
" " thickness of Intercoastal Plate...	---		Spacing	---	
" " Angles	---		Poop Deck, Angle, [or []	---	
DOUBLE BOTTOM.			Spacing	---	
Solid Floors, thickness and spacing .....	.38 @ 10' ✓		Bridge Deck, Angle, [or []	---	
" " Are Frame and Reversed Frame } joggled?	No ✓		Spacing	---	
Bracket Floors, breadth and thickness at } middle line..... }	36 x .38 ✓		Forecastle Deck, Angle, [or []	---	
" " breadth and thickness at } margin plate..... }	36 x .38 ✓		Spacing	---	

PILLARS AND DECKS.											
		INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.				INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.	
Reinforced hatch side girders & strong hatch end beams, in accordance with approved plans											
PILLARS, No. of Rows..One, in tw. decks only		(6 6 .38 angle				Stringer Plate, breadth and thickness in way of Bridge		--			
" in 'tween Decks, Size and Spacing.....		(5 5 .38 " "				Thickness of Plating abreast Deck openings) xxxxxx		.40		✓	
" " " " "		alt. frs.				Thickness of Plating abreast Deck openings) in way of Bridge		--			
" in Holds " "		--				Thickness of Plating within line of openings...		.40		✓	
" " " " "		--				If Sheathed, material and thickness		--			
Centre Line Bulkhead.		(9x7 1/2 x .36/.57 inv. T				Third Deck.					
Stiffeners and Spacing.....		(7x4 x .38 inv. angle on alt. frames				Stringer Plate, breadth and thickness.....		--			
Plating, thickness of .....		.30		✓		If Plated, state thickness.....		--			
STRINGERS AND DECKS.											
Uppermost Continuous Deck.											
Stringer Plate, breadth and thickness xxxxxx		65 x .62		✓		Fourth Deck.					
" " " " in way of Bridge		--				Stringer Plate, breadth and thickness.....		--			
" xxxxxx Welded to sheerstrake		--				If Plated, state thickness		--			
Thickness of Plating abreast Deck openings) xxxxxx		.62		✓		Poop Deck.					
Thickness of Plating abreast Deck openings) in way of Bridge		--				Stringer Plate, breadth and thickness		--			
Thickness of Plating within line of openings...		.40		✓		Plating, Sheathing, material and thickness ...		--			
If Sheathed, material and thickness		--				Bridge Deck.					
Stringer Plate, breadth and thickness.....		--				Stringer Plate, breadth and thickness.....		--			
Plating, Sheathing, material and thickness ...		--				Forecastle Deck.					
Stringer Plate, breadth and thickness.....		--				Stringer Plate, breadth and thickness.....		--			
Plating, Sheathing, material and thickness ...		--				Stringer Plate, breadth and thickness.....		--			
Second Deck.						Plating, Sheathing, material and thickness ...		--			
Stringer Plate, breadth and thickness xxxxxx		108 x .40		✓							

SHELL PLATING.												
SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged?		No. of ROWS OF RIVETS.	BUTTS.		STRAPPED OR LAPPED.	
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		RIVETS.			
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.		Spacing or. to or.	Diam.		Spacing or. to or.
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.	
FLAT PLATE KEEL	60	.88	.68	.81		Butt welded				Butt welded		
" DBLG. (if any)	--											
BOTTOM PLATING, No. of of Strakes .. TWO.....)	--	.64	.62 @ F.P. .67	.54		" "				" "		
BILGE PLATING, No. of Strakes ONE.....)	--	.64	.58	.54		" "				" "		
SIDE PLATING, No. of Strakes THREE.....)	--	.64	.58	.46		" "				" "		
UPPER DECK, Sheer- strake in Wells.....)	91	.72	.58	.46		" "				" "		
UPPER DECK, Sheer- strake in Bridge ...)	--											
STRAKE BELOW Sheer- strake in Wells.....)	--											
STRAKE BELOW Sheer- strake in Bridge ...)	--											
POOP SIDE PLATING	--											
BRIDGE SIDE PLATING ...	--											
FORECASTLE SIDE PLATING	--											

WATERTIGHT BULKHEADS.					FORGINGS and CASTINGS.				
Total No. of W.T. BULKHEADS in Vessel—					Casting or Forging.				
Extending to Upper Deck (Sec. 3 c) ONE (Coll. BHD.)					Scantlings.				
" Deck next below SEVEN (Inc. D.T. Aft BHD.)					Maker's Name.				
As per Rule SEVEN					Any Departure from Approved Plans to be Noted.				
STIFFENERS.									
Plating Thickness.		VERTICAL.		HORIZONTAL.					
		Scantlings.	Spacing.	Scantlings.	Spacing.				
Fr. 81		inv. angle							
MIDSHIP BULKHEAD, Upper tween decks		.26	5x3x5/16	30"—31½"	—				
" " Second "		—	—	—	—				
" " Third "		—	—	—	—				
" " Holds .....		.28-.45	9x7½x.36/.57	30"—31½"	—				
COLLISION " (in Hold) .....		.30-.52	6x3½x.38	24"	—				
AFTER PEAK " " .....		.32-.70	6x3½x.38	24½"	—				
Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)					S. M. Open Hearth				
Bethlehem Steel Co., Columbia Steel Co., Republic Steel Corp., By-Products Steel Corp.									
Has the Steel been tested as required by the Rules?					YES				

EQUIPMENT No. 39770				LETTER A + a†		ANCHORS.	
Number of Certificate.	Anchor.	Weight of Stock.	Test, per Certificate.	Weight Required by Table 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
781	1st Bower	7710 lbs	118930 lbs.	46/6	Baldr Stockless	Columbia Steel Co.	Pittsburg, Cal. 3 Jan. 1942
779	2nd "	7660 "	118580 "	46/6	"	"	" H.N. Clegg "
	3rd "			46/6	"	Pittsburg California	"
792	Stream	2685	53480	21/4 19 1/2	"	"	" 23 Dec. 1941
CHAIN CABLES.				HAWERS AND WARPS.			
Number of Certificate.	Length and size supplied.	Test per Certificate.	Weight of Chain Cable.	Length and size per Table 53.	Description.	Makers of Cables.	Where and when tested, and Superintendent.
	Length. Diam.	Stat. Break. Torg. Prg.	Supplied.	Per Rule.			
	Fathoms. Ins.						
	225 2 1/2	215600 lbs.	73215 lbs.	720 3/4	270 5	S. L. Baldr Anchor Chain & Forge Co.	Chester Apr 8/42
9952	17	Joining Shackles					
	4	End shackles					
Iron Stream Chain or Steel Wire	90 5 1/8	118400 lbs. (6x12)		90	5	(6x12)	
Steering Gear, Type (Power or hand) Steam, Sumner Iron Works				Alternative Means of Steering Efficient arrangement of blocks and tackles led to after warping winch			
Everett, Wash.							
Steering Chains (Size and Test)				Windlass Steam, Sumner Iron Works Boats 2 @ 20 x 6.75 x 2.6			
				Everett, Wash. 1 @ 26 x 8 x 3.25			
				1 @ 27 x 8.25 x 3.4--Motor			
Ceiling in Holds, thickness and material 2 1/2" Pine				Cargo Batts, thickness, material and spacing 1 3/4" Pine 9" Clear			
Cargo Hatchways.—(Upper Deck) Strong steel plate coamings				Thickness of Hatches 2 3/4" Pine			
Size of Hatchways No. 1 (Fwd.) 33'9" x 20' No. 2 35'x20' No. 3 15'x20' No. 4 29'9" x 20' No. 5 35'x20' X.Bkr. 7'6" x 20'							
Number of Shifting Beams No. 1 - 5 No. 2 - 5 No. 3 - 2 No. 4 - 5 No. 5 - 5 X.Bkr. - 1							
Builder's Signature TODD-CALIFORNIA SHIPBUILDING DIVISION of THE PERMANENTE METALS CORPORATION							
GENERAL DECLARATION. It should be stated (a) whether the vessel (if not a motorship) is fitted for the carriage and burning of oil used as fuel NO							
(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo NO The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point (where required to be inserted in the Notation).							
This vessel has been constructed in accordance with the approved plans, the Secretary's letters of various dates, and in compliance with the Rules and Regulations for the class contemplated.							
The workmanship and materials are good.							
The double bottom, peak, deep and fresh water tanks, bulkheads, tunnels, W.T. door, steering gear and windlass have been tested and found satisfactory.							
The freeboards assigned by the Committee have been marked on the vessel's sides and verified, the vessel being of the shelter deck type, with the tonnage opening permanently closed by riveted plate, and the bulkheads being carried watertight to the upper deck. An endorsement has been issued with the Provisional Load Line Certificate, relating to emergency deeper loading in accordance with Circular No. 1784.							
The openings in Tween Deck bulkheads have been closed, in accordance with M.S. Circular 1835.							
The equipment of anchors and chain cables is in accordance with the War Emergency Reduction of Equipment Requirements, and it is recommended that a suitable notation be entered on the First Entry Certificate.							
The vessel is fitted with Direction Finding Wireless equipment; also with Echo Sounding Device, which does not pierce the shell plating.							
The vessel has also been surveyed during construction on behalf of the British Purchasing Commission, in accordance with the requirements of the hull specification, and the specification requirements have been completed to our satisfaction.							
The amount of Entry Fee \$50.00 To be charged				Fees applied for,			
Special Survey Fee... £ in London				Received by me,			
Travelling Expenses, if any £				I am of opinion the Vessel should be Classed + 100 A1			
State whether the Vessel has been built under Special Survey. YES				With Freeboard corresponding to a summer mld. draft of 26' 10"			
Certificate sent to Admiralty New York				Signature J. L. Books & Ramie			
Committee's Minute NEW YORK JUL 8 1942				Surveyors to Lloyd's Register of Shipping.			
Character assigned +100 A1 With Freeboard				Note - Elec. Welded.			
				Cruiser stern			
				Lloyd's A.C.P. Equipt. Co. 21			
				D. F. E.S.D.			
				35 B (Spt) 220 lbs			
				Ch. Elec. light			
				Lloyd's Register Foundation			

GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

The vessel is the 17th of thirty sister ships Nos. 1 to 30, to be built by the Todd-California Shipbuilding Division of The Permanente Metals Corporation, to the order of H. M. Government in the United Kingdom. The approved plans have been retained for dealing with the sister vessels.

Forwarded herewith: ✓

MIDSHIP SECTION AS BUILT
COPY OF INTERIM CERTIFICATE B
THREE CASTINGS AND FORGING REPORTS

SISTER SHIPS:

Yard No.	1	"OCEAN VANGUARD",	Richmond, Calif.,	Report No.	1
2	"	VIGIL	"	"	2
3	"	VOICE	"	"	3
4	"	VENTURE	"	"	4
5	"	VIKING	"	"	5
8	"	VESTAL	"	"	6
6	"	VESPER	"	"	7
7	"	VALLEY	"	"	8
9	"	VISION	"	"	9
10	"	VULCAN	"	"	10
11	"	VALOUR	"	"	11
12	"	VENUS	"	"	12
13	"	VIGOUR	"	"	13
14	"	VANITY	"	"	14
15	"	VINTAGE	"	"	15
16	"	VOLUNTEER	"	"	16

PARTICULARS OF ELECTRIC WELDING (if employed) The vessel is of entirely welded construction, with the exception of the connections of side framing to shell, and rider plates to hatch side girders, and end beams which are riveted. Electrodes, complying with Section 4, paras. 1-9, of the Rules, have been employed for manual welding. Machine welding by the approved "Unionmelt" process has also been used. The form and location of the various welded joints employed are in accordance with welding details approved by the Committee. The Rules for the application of Electric Arc Welding to Ship Construction have been complied with where applicable.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book

Cruiser Stern; Lloyds A & CP;; D.F., E.S.D.✓

Electric Welding Notation to be decided by the Committee.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	Weight of head	5880 lbs.,	H. C. 781	January 3rd, 1942
	2nd "	" " "	5810 "	" 779	" " "
	Stream	" " "	2010 "	" 792	December 23, 1941
	xxd "	" " "			

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop — ft., R.Q.D. — ft., Bridge — ft., Forecastle — ft.

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated —

Official No. Not yet issued Signal Letters Not yet issued Extreme Breadth over Belting No belting Over-all Length 441.5
(Circ. 1611) (Circ. 1703)

No. and Material of Decks Two--Steel

Parts of Bottom of Vessel coated with cement or approved composition D. B. tanks under machinery spaces coated with 1½" solid cement on bottom, with bitumastic on other surfaces. Remainder of D. B. tanks cement washed only; peaks cemented.

Particulars of composition (if fitted) and of approval Bitumastic enamel and solution

PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284)
Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)

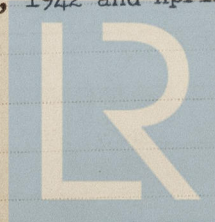
Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	135	361	Fore peak tank,	22.8	124
Double bottom, under Engines and Boilers,	45	212	After peak tank,	24.9	166
Double bottom, if under Engines only,	--	--	Deep tank, aft,	20.0	734
Double bottom, if under Boilers only,	--	--	Deep tank, forward,	--	--
Double bottom, forward,	188.2	735	Other tanks, if fitted,	--	--
Total length (if continuous) and Capacity	368.2	1308	(If necessary, furnish further information by sketch.)		

Continuous attendance between January 19th, 1942 and April 23rd, 1942

Order for Special Survey No. ✓

Date ✓

Dates of Surveys held while building



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Total No. of Visits ✓