

STEEL STEAMER ~~OR~~ MOTORSHIP

-8 SEP 1942

Received at London Office

State if Report has been sent on the Freeboard of the Vessel ☒ YESState if Report is sent on the Machinery of the Vessel ☒ YES

Date of completion of report

June 1, 1942

Port of RICHMOND, CALIFORNIA

No. 23

Survey held at RICHMOND, CALIFORNIA

Date First Survey March 17, 1942

Last Survey May 30th

On the (State if Machinery is Aft and if Single, Twin or Triple Screw)

Steel Single Screw Steamer "OCEAN VISCOUNT"

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings)

Complete Superstructure, with T. O. closed

State Type of Erections

TONNAGE under Tonnage Deck

6734.64

CLASS \pm 100 A1

State if with freeboard

With freeboard corresponding to a summer mld. draft of 26' 10"

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

L 416.00

Built at RICHMOND, CALIFORNIA

Launched May 9th, 1942 Yard No. 23

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

Breadth (greatest moulded)

B 56.90

Builders TODD-CALIFORNIA SHIPBUILDING DIVISION OF THE PERMANENTE METALS CORPORATION

Owners H. M. GOVERNMENT IN THE UNITED KINGDOM

Total

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

D 37.33

Managers

(Where necessary to be entered in Reg. Book.)

Gross Tonnage

7174.44

Register Tonnage

4272.08

Depth to 2nd Deck = 28.58'

1st Longitudinal Number (L x D)

= 15529

2nd Numeral L x (B + D)

= 39200

Residence

REGISTERED DIMENSIONS.

FEET.

Length

425.1

Breadth

57.0

Depth

34.85

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

24.96

Proportions—Depth to Length—Uppermost continuous deck to top of keel

11.14

Do. Long Bridge to top of keel

Draught Moulded

26.83

Port of Registry LONDON

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 3 1/2 .38	
" " from 1/2 length amidships to Collision bulkhead	27		" " Reversed Frame inv. angle	6 3 1/2 .38	
" " in peaks	24		" " Vertical Struts	8x3 1/2 x 3 1/2 .42/50	
DE FRAMING.			Centre Girder, depth and thickness amidships	43.5 x .54	
Frame Amidships, Angle, [or]	12x4x4x.59/.69		" " top angles Welded top	--	
" " Extends up to	2nd deck		" " bottom angles & bottom	--	
Reversed Frame Amidships, Angle	--		Side Girders, No. each side and thickness	one .38	
" " Extends up to	--		horizontal width	68 x .54	
Depth of Framing Girder	12		Margin Plate depth (total of flange) and thickness	68 x .54	
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	6x3 1/2 x 3 1/2 x.34/.38		" " Vertical Angle to Tank side	Welded to tank side	
" " Second 'tween Decks, Angle, [or]	--		" " Bracket abft. 1/2 len. from stem	brackets	
" " Third " " " "	--		" " Vertical Angle to Tank side	brackets	
" " No. 1 Hold (frs. 13-38) from 1/2 len. for'd. to 1 1/2 len. from Stem	15x3.37x3.37x.52/.62		" " Bracket from forward 1/2 len. from stem to Panting Area		
" " No. 2 Hold, as amidships	8 3 1/2 .34		" " Gussets, spacing and scantling abft. 1/2 len. from stem	12 x .44 continuous	
" " in Peaks, Angle, [or]	--		" " No. 1 Hold Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	15 x .44 continuous	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 @ 6 1/2 dia.		Tank Side Brackets, height above base line at toe of Frame and thickness	85.5 x .44	
State if Frame Joggled	No		INNER BOTTOM PLATING.		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	Yes		Breadth and thickness of Middle Line Strake	60 x .52	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	Yes		Thickness of remainder in Holds	.44	
Are the scantlings and arrangements in way of the Bottom Forward 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	
DOUBLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	--		Uppermost Continuous Deck, amidships	7 4 .38	
Height of Brackets at side above base line at toe of frame	--		Inv. angle	--	
Middle Line Keelson, on Floors, Angles, [or]	--		" " in way of Bridge, Angle, [or]	--	
" " Through Plate or Intercostal Plate	--		Spacing	ev. fr.	
" " Foundation Plate on Floors	--		Second Deck, amidships, Angle, [or]	8 4 .43	
" " Flat Plate Keel Angles	--		Spacing	ev. fr.	
Side Keelsons, No. each side	--		Third Deck, amidships, Angle, [or]	--	
" " thickness of Intercostal Plate	--		Spacing	--	
" " Angles	--		Fourth Deck, amidships, Angle, [or]	--	
Spacing	--		Spacing	--	
POOP DECK, Angle, [or]	--		POOP DECK, Angle, [or]	--	
Spacing	--		Spacing	--	
BRIDGE DECK, Angle, [or]	--		BRIDGE DECK, Angle, [or]	--	
Spacing	--		Spacing	--	
FORECASTLE DECK, Angle, [or]	--		FORECASTLE DECK, Angle, [or]	--	
Spacing	--		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						--			
" in 'tween Decks, Size and Spacing.....		(5 5 .38 "		alt. frs.				.40			
" " " " "		--						--			
" in Holds " "		--						.40			
" " " " "		--						--			
Centre Line Bulkhead.		(9x7 1/2 x .36/.57 inv. T						--			
Stiffeners and Spacing.....		(7x4 x .38 inv. angle		on alt. frames				--			
Plating, thickness of30						--			
STRINGERS AND DECKS.											
Uppermost Continuous Deck.											
Stringer Plate, breadth and thickness in way of Bridge		65 x .62						--			
" " " " " in way of Bridge		--						--			
" " " " " Welded to sheerstrake		--						--			
Thickness of Plating abreast Deck openings in way of Bridge		.62						--			
Thickness of Plating abreast Deck openings in way of Bridge		--						--			
Thickness of Plating within line of openings...		.40						--			
If Sheathed, material and thickness		--						--			
Second Deck.											
Stringer Plate, breadth and thickness in way of Bridge		108 x .40						--			
Third Deck.											
Stringer Plate, breadth and thickness.....		--						--			
If Plated, state thickness.....		--						--			
Fourth Deck.											
Stringer Plate, breadth and thickness.....		--						--			
If Plated, state thickness		--						--			
Poop Deck.											
Stringer Plate, breadth and thickness		--						--			
Plating, Sheathing, material and thickness ...		--						--			
Bridge Deck.											
Stringer Plate, breadth and thickness.....		--						--			
Plating, Sheathing, material and thickness ...		--						--			
Forecastle Deck.											
Stringer Plate, breadth and thickness.....		--						--			
Plating, Sheathing, material and thickness ...		--						--			

SHELL PLATING.													
SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. ✓			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if joggled?	SINGLE OR DOUBLE.	RIVETS.		No. of Rows of Rivets.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.				Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.									
FLAT PLATE KEEL	60	.88	.68	.81		Butt welded					Butt welded		
„ DELG. (if any)	--												
BOTTOM PLATING, No. of Strakes TWO.....	--	.64	.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 Bridge.....	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 ...	--												
FOREC'TLE 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.						KEEL, Bar					
VERTICAL.						STEM Rolled Bar					
HORIZONTAL.						STERN Propeller Post					
Scantlings.						FRAME					
Spacing.						Speed of Vessel					
Scantlings.						RUDDER—Type					
Spacing.						constructed by Bethlehem Steel Co., Leetsdale, Pa.					
Fr. 81						" A x D					
MIDSHIP BULKHEAD, Upper tween decks						" Diam. of head					
" " Second						" Mainpiece at top pintle					
" " Third						" " heel					
" " Holds						" how constructed					
COLLISION (in Hold)						" double coupling					
AFTER PEAK						" horizontal					
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.						STEEL.					
Has the Steel been tested as required by the Rules?						YES					

EQUIPMENT No. 39770				LETTER A +		ANCHORS.	
Number of Certificate.	Anchor.	Weight in Stock.	Weight of Stock.	Test, per Certificate.	Weight Required by Table 53.	Description of Anchor.	Makers.
813	1st Bower	7800		120120 lbs.		Baldt Stockless	Columbia Steel Co.
812	2nd "	7660		118580 lbs.		"	Pittsburg California
797	Stream	2680		53480	19 1/2	"	"

CHAIN CABLES.				HAWSERS 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.
8366	225 2 1/2	73215 lbs.		270 2 1/2		Chester, Pa.	May 11/42
	17 Connecting Shackles					O. Narbeth	
	5 End shackles						
	90 5 1/2	118400		90 5			

Steering Gear, Type (Power or hand)	Alternative Means of Steering	Efficient arrangement of blocks and tackles led to after warping winch
Steam, Sumner Iron Works	Windlass Steam, Sumner Iron Works	Boats 2 @ 20 x 6.75 x 2.6
Everett, Wash.	Everett, Wash.	1 @ 26 x 8 x 3.25
		1 @ 27 x 8.25 x 3.4--Motor

Ceiling in Holds, thickness and material	Cargo Battsens, thickness, material and spacing
2 1/2" Pine	1 3/4" Pine, 9" Clear

Cargo Hatchways, (Upper Deck)	Thickness of Hatches
Strong steel plate coamings	2 3/4" Pine

Size of Hatchways	No. 1 (Fwd.)	No. 2	No. 3	No. 4	No. 5	X. Bkr.
No. 1 (Fwd.) 33'9" x 20'	No. 2 35'x20'	No. 3 15'x20'	No. 4 29'9"x20'	No. 5 35'x20'	7'6"x20'	

Number of Shifting Beams	No. 1 - 5	No. 2 - 5	No. 3 - 2	No. 4 - 5	No. 5 - 5	X. Bkr. - 1
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

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	To be charged	Fees applied for,
\$50.00	in	19
Special Survey Fee...	London	Received by me,
Freeboard Fee...		19

I am of opinion the Vessel should be Classed +100 A1

With Freeboard corresponding to a summer mld. draft of 26' 10"

Signature: J. B. Books

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to: Admiralty, New York

Date of issue: 14/11/42

Committee's Minute: NEW YORK AUG 26/1942

Character assigned: +100A1 with freeboard

LMC(R) - 5, 42.

NOTE: Elec. Welded

crusher stem. 9. & CP.

equipt. etc. AT. D. 5-E.S.D.

3 V.B. (Sht) 220 lbs

elec. light - 56

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.)

This vessel is the twenty third of thirty sister ships, Nos. 1 to 30, to be built by the Todd-California Ship-building 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.,	Rpt. No. 1	Yard No. 12	"OCEAN VENUS",	Richmond, Calif.	Rpt. No. 12			
2	" VIGIL	" "	" "	13	" VIGOUR	" "	" "			
3	" VOICE	" "	" "	14	" VANITY	" "	" "			
4	" VENTURE	" "	" "	15	" VINTAGE	" "	" "			
5	" VIKING	" "	" "	16	" VOLUNTEER	" "	" "			
6	" VESTAL	" "	" "	17	" VETERAN	" "	" "			
7	" VESPER	" "	" "	18	" VOYAGER	" "	" "			
8	" VALLEY	" "	" "	19	" VISTA	" "	" "			
9	" VISION	" "	" "	20	" VOLGA	" "	" "			
10	" VULCAN	" "	" "	21	" VENGEANCE	" "	" "			
11	" VALOUR	" "	" "	22	" VAGRANT	" "	" "			

PARTICULARS OF ELECTRIC WELDING (if employed) This 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	5943 lbs.	H. C. 813	January 24, 1942
	2nd "	" "	5795 "	H. C. 812	" " "
	Stream	" "	2000 "	H. C. 797	December 23, 1941
	3rd "	" "	" "	" "	" "

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.)		

Order for Special Survey No. ✓

Date ✓

Dates of Surveys held while building

Continuous attendance between March 17th and May 30th, 1942



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Lloyd's Register
Total No. of Visits ✓
Foundation