

## STEEL STEAMER OF MOTORSHIP

Received at London Office

8 SEP 1942

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

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

Date of completion of report July 6th, 1942

Port of RICHMOND, CALIFORNIA

No. 28

Survey held at RICHMOND, CALIFORNIA

Date First Survey April 27th, 1942

Last Survey July 4th

1942

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

Steel Single Screw Steamer "OCEAN VANQUISHER"

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 + 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

most on summer L.W.L. See Sec. 3 (1a)

L 416.00

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

Total --

Gross Tonnage 7174.44

Register Tonnage 4272.08

Breadth (greatest moulded) B 56.90

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

Depth to 2nd Deck = 28.58

1st Longitudinal Number (L x D) = 15529

2nd Numeral L x (B + D) = 39200

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

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

Do. Long Bridge to top of keel

Draught Moulded 26.83

Built at RICHMOND, CALIFORNIA

Launched June 13th, 1942 Yard No. 28

Builders TODD-CALIFORNIA SHIPBUILDING DIVISION of The Permanente Metals Corporation

Owners H. M. GOVERNMENT IN THE UNITED KINGDOM

Managers --

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

Residence --

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 3½ .38	✓
" " from ½ length amidships to Collision bulkhead	27	✓	" " Reversed Frame Inv. angle	6 3½ .38	✓
" " in peaks	24	✓	" " Vertical Struts	8x3½x3½x.42	.50 ✓
IDE 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	--		Margin Plate depth (over or under) and thickness	68 x .54	✓
Depth of Framing Girder	12	✓	" " Vertical Angle to Tank side Bracket abaft ½ len. from stem	Welded to tank side brackets	✓
Frames in Uppermost Continuous 'tween Decks, Angle, [ or ]	6x3½x3½x.34/.38	✓	" " Vertical Angle to Tank side Bracket from forward ½ len. from stem to Panting Area	12 x .44	continuous ✓
" " Second 'tween Decks, Angle, [ or ]	--		" " Gussets, spacing and scantling abaft ½ len. from stem	15 x .44	continuous ✓
" " Third No 1 Hold (frs. 13-38) from ½ len. for'd. to 1½ len. from Stem	15x3.37x3.37x.52/.62	✓	" " Gussets, spacing and scantling from forward plan from stem to Panting Area No. 1 Hold	85.5 x .44	✓
" " No. 2 Hold, as amidships in Peaks, Angle, [ or ]	8 3½ .34	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	60 x .52	✓
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 @ 6½ dias.	✓	INNER BOTTOM PLATING.		
State if Frame Joggled	No	✓	Breadth and thickness of Middle Line Strake	.44	✓
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	Yes	✓	Thickness of remainder in Holds	Yes	✓
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?		
NGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	--		Uppermost Continuous Deck, amidships Inv. angle	7 4 .38	✓
Height of Brackets at side above base line at toe of frame	--		" " in way of Bridge, Angle, [ or ]	--	
Middle Line Keelson, on Floors, Angles, [ or ]	--		Spacing	ev. fr.	✓
" " Through Plate or Intercoastal Plate	--		Second Deck, amidships, Angle, [ or ]	8 4 .43	✓
" " Foundation Plate on Floors	--		Spacing	7 4 .38	✓
" " Flat Plate Keel Angles	--		Third Deck, amidships, Angle, [ or ]	--	
Side Keelsons, No. each side	--		Spacing	--	
" " thickness of Intercoastal Plate	--		Fourth Deck, amidships, Angle, [ or ]	--	
" " Angles	--		Spacing	--	
DOUBLE BOTTOM.			Poop Deck, Angle, [ or ]	--	
Solid Floors, thickness and spacing	.38 @ 10'	✓	Spacing	--	
" " Are Frame and Reversed Frame joggled?	No	✓	Bridge Deck, Angle, [ or ]	--	
Bracket Floors, breadth and thickness at middle line	36 x .38	✓	Spacing	--	
" " breadth and thickness at margin plate	36 x .38	✓	Forecastle Deck, Angle, [ or ]	--	
			Spacing	--	







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 eighth 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 the 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	Yard No. 14	"OCEAN VANITY, Richmond, Calif., Report No.14
2	" VIGIL " " "	15	" VINTAGE " " "
3	" VOICE " " "	16	" VOLUNTEER " " "
4	" VENTURE " " "	17	" VETERAN " " "
5	" VIKING " " "	18	" VOYAGER " " "
8	" VESTAL " " "	19	" VISTA " " "
6	" VESPER " " "	20	" VOLGA " " "
7	" VALLEY " " "	21	" VENGEANCE " " "
9	" VISION " " "	22	" VAGRANT " " "
10	" VULCAN " " "	23	" VISCOUNT " " "
11	" VALOUR " " "	24	" VERITY " " "
12	" VENUS " " "	25	" VICEROY " " "
13	" VIGOUR " " "	26	" VIRTUE " " "
		27	" VALENTINE " " "

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	5830 lbs.	H. C. 824	March 12, 1942
	2nd "	" " "	5795 lbs.	H. C. 823	" " "
	Stream	" " "	1995 lbs.	H. C. 806	April 1, 1942

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.)

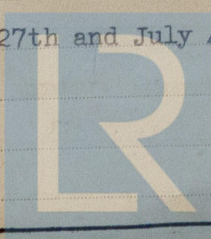
Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	135	361	Fore peak tank,	22.8	124
Double bottom, under Engines and Boilers,	45	212	After peak tank,	24.9	166
Double bottom, if under Engines only,	—	—	Deep tank, aft,	20.0	734
Double 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 April 27th and July 4th, 1942.



Lloyd's Register Foundation  
Total No. of Visits ✓