

# 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 **--**

<b>TONNAGE (under Tonnage Deck...)</b> 6734.64	<b>CLASS</b> + 100 A1 (State if with freeboard) as condition of Class	Built at <b>RICHMOND, CALIFORNIA</b>
Do. of space or spaces between Tonnage Dk. and Upper Dk. <b>--</b>	With freeboard, corresponding to a summer mld. draft of <b>26' 10"</b> FEET.	Launched <b>June 13th, 1942</b> Yard No. <b>28</b>
<b>Total</b> <b>--</b>	<b>Length</b> from fore part of stem to after part of stern } <b>L 416.00</b> ✓	<b>Builders</b> <b>TODD-CALIFORNIA SHIPBUILDING DIVISION of The Permanente Metals Corporation</b>
<b>Gross Tonnage</b> 7174.44	<b>Breadth</b> (greatest moulded) ..... } <b>B 56.90</b> ✓	<b>Owners</b> <b>H. M. GOVERNMENT IN THE UNITED KINGDOM</b>
<b>Register Tonnage</b> 4272.08	<b>Depth</b> , at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) } <b>D 37.33</b> ✓	<b>Managers</b> <b>--</b>
	<b>Depth to 2nd Deck = 28.58</b>	(Where necessary to be entered in Reg. Book.)
	<b>1st Longitudinal Number (L x D)</b> ..... = <b>15529</b> ✓	<b>Residence</b> <b>--</b>
	<b>2nd Numeral L x (B + D)</b> ..... = <b>39200</b> ✓	<b>Port of Registry</b> <b>LONDON</b>
	<b>Framing Depth "d,"</b> at middle of length. See Sec. 3 (1d) ..... } <b>24.96</b> ✓	<b>If surveyed while building, afloat, or in dry dock on stocks, afloat and in dry dock</b>
	<b>Proportions</b> —Depth to Length—Uppermost continuous deck to top of keel ..... } <b>11.14</b> ✓	
	Do. Long Bridge to top of keel ..... } <b>--</b>	
	<b>Draught Moulded</b> ..... } <b>26.83</b>	

**REGISTERED DIMENSIONS.**  
FEET.

<b>Length</b>	<b>425.1</b>
<b>Breadth</b>	<b>57.0</b>
<b>Depth</b>	<b>34.85</b>

## 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.
<b>FRAMES, Spacing amidships</b> .....	30 ✓		<b>Bracket Floors, Frame</b> 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 x .42/	.50 ✓	
<b>SIDE FRAMING.</b>			<b>Centre Girder,</b> depth and thickness amidships	43.5 x .54 ✓	
<b>Frame Amidships, Angle, [ or ]</b> .....	12x4x4x.59/.69 ✓		" " <del>top angles</del> Welded top....	--	
" " Extends up to .....	2nd deck		" " <del>bottom angles</del> & bottom.	--	
<b>Reversed Frame Amidships, Angle</b> .....	--		<b>Side Girders,</b> No. each side and thickness.....	one .38 ✓	
" " Extends up to...	--		horizontal width		
<b>Depth of Framing Girder</b> .....	12		<b>Margin Plate</b> depth (over or under) and thickness .....	68 x .54 ✓	
<b>Frames in Uppermost Continuous 'tween } Decks, Angle, [ or ]</b> ..... }	6x3 1/2 x 3 1/2 x .34/.38 ✓		" " Vertical Angle to Tank side } Bracket abaft 1/2 len. from stem .....	Welded to tank side brackets ✓	
" " <b>Second 'tween Decks, Angle, [ or ]</b> .....	--		" " Vertical Angle to Tank side } Bracket from forward 1/2 len. from stem to Panting Area .....		
" " <b>Third No 1 Hold (frs. 13-38) " " from 1/2 len. for'd. to 1 1/2 len. from Stem</b> .....	15x3.37x3.37x.52/.62 ✓		" " Gussets, spacing and scantling } abaft 1/2 len. from stem .....	12 x .44 continuous ✓	
" " <b>No. 2 Hold, as amidships in Peaks, Angle, [ or ]</b> .....	8 3 1/2 .34 ✓		" " Gussets, spacing and scantling } from forward 1/2 len. from stem to Panting Area. No. 1 Hold .....	15 x .44 continuous ✓	
<b>Diameter and Spacing of Rivets through Frame and Shell Plating amidships</b> .....	7/8 @ 6 1/2 dias. ✓		<b>Tank Side Brackets,</b> height above base line at toe of Frame and thickness }	85.5 x .44 ✓	
<b>State if Frame Joggled</b> .....	No ✓		<b>INNER BOTTOM PLATING.</b>		
Are the scantlings and arrangements in the <b>Panting Area</b> 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 <b>Bottom Forward</b> in accordance with the Rules and/or as approved? .....	Yes ✓		Thickness of remainder in Holds .....	.44 ✓	
<b>ANGLE BOTTOM.</b>			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 ✓	
<b>Floors,</b> Depth and thickness at mid-line in } Holds .....	--		<b>BEAMS.</b>		
Height of Brackets at side above } base line at toe of frame .....	--		<b>Uppermost Continuous Deck,</b> amidships } Inv. angle ✓ <del>in way of Angle, [ or ]</del>	7 4 .38 ✓	
<b>Middle Line Keelson,</b> on Floors, Angles, } [ or ] .....	--		" " in way of Bridge, Angle, } [ or ] .....	--	
" " Through Plate or } Intercostal Plate... }	--		Spacing .....	ev. fr. ✓	
" " Foundation Plate on } Floors .....	--		<b>Second Deck,</b> amidships } Angle, [ or ] .....	8 4 .43 ✓	
" " Flat Plate Keel Angles	--		Spacing.....	7 4 .38 ✓	2 beams
<b>Side Keelsons,</b> No. each side .....	--		<b>Third Deck,</b> amidships, Angle, [ or ] .....	--	
" " thickness of Intercostal Plate...	--		Spacing.....	--	
" " Angles .....	--		<b>Fourth Deck,</b> amidships, Angle, [ or ] .....	--	
<b>DOUBLE BOTTOM.</b>			Spacing.....	--	
<b>Solid Floors,</b> thickness and spacing .....	.38 @ 10' ✓		<b>Poop Deck,</b> Angle, [ or ] .....	--	
" " Are Frame and Reversed Frame } joggled? .....	No ✓		Spacing.....	--	
<b>Bracket Floors,</b> breadth and thickness at } middle line..... }	36 x .38 ✓		<b>Bridge Deck,</b> Angle, [ or ] .....	--	
" " breadth and thickness at } exceeding margin plate..... }	36 x .38 ✓		Spacing.....	--	
			<b>Forecastle Deck,</b> Angle, [ or ] .....	--	
			Spacing .....	--	



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

SCANTLINGS.				RIVETING.					
STRAKES.	AS IN VESSEL.				EDGES.				
	AMIDSHIPS.	FORWARD.	AFT.	ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	State if Joggled?	RIVETS.		BUTTS.	
FLAT PLATE KEEL .....	60	.38	.68	.81		Butt welded		Butt welded	
" DELG. (if any) .....			.62 @ F. P.						
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 <del>xxxxxx</del> .....	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, Scantlings, Maker's Name, Any Departure from Approved Plans to be Noted.			
Extending to Upper Deck (Sec. 3 c) ONE (Coll. BHD)	6 Divisional W.T. Bhd. in Tween Decks			KEEL, Bar .....			
Deck next below SEVEN (Inc. D. T. Aft BHD)	As per Rule SEVEN			STEM, Rolled Bar .....	10" x 2 1/2"		
As per Rule SEVEN				STERN FRAME	Propeller Post ..... As per approved plan		
				Speed of Vessel .....	C. S., Columbia Steel Co. Pittsburg, California Not exceeding 12 knots		
				RUDDER - Type .....	Goldschmidt Patent Streamline constructed by Bethlehem Steel Co., Leetsdale, Pa.		
				" A x D .....	299		
				" Diam. of head .....	F.S. 9 1/2" Newport News S.B. & D.D.		
				" Mainpiece at top pintle .....	12 3/4"		
				" " heel .....	10"		
				" how constructed .....	All welded seamless steel tube with horizontal plate diaphragms		
				" double <del>xxxxxx</del> plate .....			
				" coupling, <del>xxxxxx</del> horizontal .....	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.							
Has the Steel been tested as required by the Rules?	YES						

EQUIPMENT No. 39770				LETTER A +		ANCHORS.			
Number of Certificate.	Anchors.	WEIGHT, EX-STOCK		TEST, PER CERTIFICATE.	WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.	
		Stockless	Weight					Where and when tested and Superintendent.	
824	1st Bower	7670	"	118580 lbs.		Baldt Stockless	Columbia Steel Co.	Pittsburg, Calif.	March 12/42 H.N. Clegg
823	2nd "	7660	"	"		"	"	"	"
	3rd "	7660	"	"		"	"	"	"
	Collective weight.	15330	"		194 1/2				
806	Stream	2665	"	53270 lbs.	23 3/4	"	"	Pittsburg, Calif.	April 1/42 H.N. Clegg

  

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.	Material		Length and Size per Table 53.		
								Length.	Diam.	Length.	Cr.	
225	2 5/8	215600 lbs.	301840			Baldt Anchor	Chester May 28/42	TOWLINE	120	5 3/8	160,000	
1094	17	Joining Shackles	73215 lbs.	720 3/4	270	2 5/16	Chain & Forge Co.	Chester June 5/42	HAWERS & WARPS	2@90	2 1/4	34,048
1097	12	2 3/4	215600 lbs.	1200 lbs. (spare joining shackles)			J. K. Helms	Sharon, Pa.	2@90	2 1/2	29560	
593	2 3/8	319050	446660	55 lbs.	C.S. Stud Link	National Malleable & Steel Cast'g Co. A. Drummond	July 12, 1938					

Builder's Signature: TODD-CALIFORNIA SHIPBUILDING DIVISION of The Permanente Metals Corporation

STEERING GEAR, Type (Power or hand): Steam, Summer Iron Works Everett, Wash. Alternative Means of Steering: Efficient arrangement of blocks and tackles led to after warping winch

STEERING CHAINS (Size and Test): Windlass Steam, Summer 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 Battens, 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"x20' No. 2 35'x20' No. 3 15'x20' No. 4 29'9"x20' No. 5 35'x20' X.Bkr. 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

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, 19

Special Survey Fee.... \$ 2872.50 in London Received by me, 19

Travelling Expenses, if any £ Freeboard Fee 100.

State whether the Vessel has been built under Special Survey. YES Signature: J. B. Books & Rammie Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to Admiralty Date of issue 14/11/42 Duplicate New York

Committee's Minute NEW YORK AUG 26 1942

Character assigned +100 A1 With freeboard L.M.C. (R) 7, 42.

NOTE - Elee. Welded. Cruiser steel. Lloyd's & C.P. Equipt. lts. A19 D.F. - E.S.D. 3 S.B. (Sht) 220 lbs. Elee. light C.C. Register Foundation

