

STEEL STEAMER OF MOTORSHIP

Received at London Office 5-AUG 1942

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

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

Date of completion of report May 13th, 1942 Port of RICHMOND, CALIFORNIA No. 19

Survey held at RICHMOND, CALIFORNIA Date First Survey February 3, 1942 Last Survey May 8th 1942

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

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

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

Total 7174.44

Gross Tonnage 7174.44

Register Tonnage 4272.08

REGISTERED DIMENSIONS. FEET.

Length 425.1

Breadth 57.0

Depth 34.85

CLASS + 100 A1 With freeboard, corresponding to a summer mld, draft of 26'10"

Length from fore part of stem to after part of stern } L 416.00

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) } D 37.33

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) } 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

Built at RICHMOND, CALIFORNIA

Launched April 11, 1942 Yard No. 19

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.

Table with columns for INCHES IN SHIP, Any Departure from Approved Plans to be Noted, and detailed specifications for frames, double bottom, and beams.



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		not in with	Thickness of Plating abreast Deck openings in way of Bridge		.40
(5 5 .38 alt. frs.			Thickness of Plating abreast Deck openings in way of Bridge		.40
" " " " "		not in with	Thickness of Plating within line of openings		.40
" " " " "			If Sheathed, material and thickness		---
Centre Line Bulkhead.					
(9x7 1/2 x .36/.57 inv. T		not in with	Third Deck.		
(7x4 x .38 inv. angle on alt. frames			Stringer Plate, breadth and thickness		---
Plating, thickness of		not in with	If Plated, state thickness		---
.30			Fourth Deck.		
STRINGERS AND DECKS.					
Uppermost Continuous Deck.					
Stringer Plate, breadth and thickness		not in with	Stringer Plate, breadth and thickness		---
65 x .62			If Plated, state thickness		---
" " " " " in way of Bridge		not in with	Poop Deck.		
" " " " " Welded to sheerstrake			Stringer Plate, breadth and thickness		---
Thickness of Plating abreast Deck openings		not in with	Plating, Sheathing, material and thickness		---
.62			Bridge Deck.		
Thickness of Plating abreast Deck openings in way of Bridge		not in with	Stringer Plate, breadth and thickness		---
.40			Plating, Sheathing, material and thickness		---
Thickness of Plating within line of openings		not in with	Forecastle Deck.		
.40			Stringer Plate, breadth and thickness		---
If Sheathed, material and thickness		not in with	Plating, Sheathing, material and thickness		---
---			Stringer Plate, breadth and thickness		---
Second Deck.					
Stringer Plate, breadth and thickness		not in with	Plating, Sheathing, material and thickness		---
108 x .40			Stringer Plate, breadth and thickness		---

SHELL PLATING.

STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.			
	AMIDSHIPS.		AFT.			State if Joggled?	RIVETS.	NO. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.					SINGLE OR DOUBLE.	Diam.	
FLAT PLATE KEEL	60	.88	.68	.81		Butt welded			Butt welded		
" DBLG. (if any)	---	---	.62 @ F.P.	.54		" "			" "		
BOTTOM PLATING, No. of Strakes	---	.64	.67	.54		" "			" "		
BILGE PLATING, No. of Strakes	---	.64	.58	.54		" "			" "		
SIDE PLATING, No. of Strakes	---	.64	.58	.46		" "			" "		
UPPER DECK, Sheer-strake	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	Extending to Upper Deck (Sec. 3 c)	Deck next below	As per Rule	STIFFENERS.	CASTINGS.	ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.
7 BHD (Coll. 4 W. dk. 6 3rd dk.)	ONE (Coll. BHD.)	SEVEN (Inc. D.T. Aft BHD.)	SEVEN	Vertical: 6 Divisional W.T. Bhd. in Tween Decks	KEEL Bar	
				Horizontal: 30"-31 1/2"	STEM Rolled Bar	10" x 2 1/2"
					STERN FRAME	Propeller Post As per approved plan
						C.S., Columbia Steel Co. Pittsburgh, California
					RUDDER TYPE	Goldschmidt Patent Streamline constructed by Bethlehem Steel Co., Leetsdale, Pa.
						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 plate coupling
						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 STEEL. 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 OF STOCK.	TEST, PER CERTIFICATE.	WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
784	1st Bower	7700 lbs.	118930 lbs.	7616	Baldt Stockless	Columbia Steel Co.	Pittsburg, Cal. Jan. 3/42
785	2nd "	7670 "	118580 "	7616	" "	"	" " " "
	3rd "	15370 "		194 1/2	" "	Pittsburg California	
789	Stream	2700 "	53725 "	23 3/4 2660	" "		Pittsburg, Cal. Dec. 23/41

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.	Material.	Length and Size supplied.	Breaking Test of Steel Wire.	Length and Size per Table 53.
8284	225 2 5/16	214600 lbs.	72350 lbs.	270	S.L.	Baldt Anchor Chain & Forge Co.	Chester Apr. 17/42	TOWLINE	120 5 8	160,000 (6x24)	120 4 3/4 (6x24)
	17 joining shackles		546 lbs.				Chester Apr. 11/42	HAWSERS & WARPS	2 @ 90 2 7/8	34,048 (6x12)	2 @ 90 2 7/8 (6x12)
10016a	2 end shackles						Chester Apr. 8/42		2 @ 90 2 1/2	29,560 (6x12)	2 @ 90 2 1/2 (6x12)
9952a	1 end shackle	173 "	Spares				Chester Mar. 26/42				
9923	12 joining shackles	1200 "					J.K. Helms				
	90 5 8	118,400 lbs. (6x12)		90	5 (6x12)		J.K. Helms				

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" x 20' No. 2 35' x 20' No. 3 15' x 20' No. 4 29'9" x 20' No. 5 35' x 20' 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

*Todd*

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.

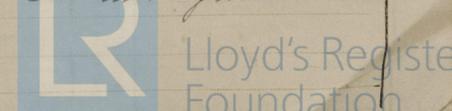
The amount of Entry Fee \$50.00 To be charged Fees applied for, 19 Special Survey Fee \$2872.50 in London Received by me, 19 Travelling Expenses, if any £ I am of opinion the Vessel should be Classed + 100 A1 With Freeboard corresponding to a summer mld. draft of 26' 10"

State whether the Vessel has been built under Special Survey YES Signature J. B. Backs & J. Rennie Surveyors to Lloyd's Register of Shipping.

Certificate sent to Admiralty Date of issue 2/9/42 Committee's Minute NEW YORK JUL 22 1942

Character assigned +100A1 with freeboard + LMC-5,42

NOTE-ELEC. WELDED. CRUISER STERN-LLOYD'S ASS. EQUIPT. LTR. AT. - D.F. - E.S.D. 3 S.B. (W.T.) 2 1/2" 2 1/2" CL - Elec. Light 2021



**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 nineteenth 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.	Sister Ship Name	Location	Report No.
1	"OCEAN VANGUARD"	Richmond, Calif.	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
17	"VETERAN"	"	17
18	"VOYAGER"	"	18

**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	Date
		5860 lbs.	H. C. 784, Jan. 3rd, 1942
	2nd ..	" " "	5820 " H. C. 785 " " "
	Stream ..	" " "	2025 " H. C. 789 Dec. 23rd, 1941

**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. 1011) (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 1 1/2" 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) Walls 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.		Where Fitted.	Water Capacity	
	Feet.	Tons.		Feet.	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 February 3rd, 1942 and May 8th, 1942.  
Total No. of Visits

