

1- AUG 1942

Yes

Yes

No.

Last Survey 20th May

Steel Single Screw "OCEAN HOPE"

Complete superstructure with T.O.closed

CLASS **✠**100A1 with State if with freeboard } **Yes**
Freeboard corresponding condition of Class }
to a summer mld draft 26'10" FEET.

Built at South Portland, Maine, U.S.A.

Х

Length from fore part of stem to after part of stern } L 416.04
 post on summer LWL. See Sec. 3 (1a) }
+16.54 ft. on 26' 10" L.L. mid. 25' 3¼"
Breadth (greatest moulded) B 56.9

Launched 23 rd March, 19⁴² Yard No. 7

L. mld. Todd-Bath Iron Shipbuilding Corp.

Total X

Depth, at middle of length from top of keel to top
of beam at side of uppermost continuous } D 37.33

H. M. Government in U.K.

Gross Tonnage 7172.79

Depth to 2nd Dk. 28 58 ft
1st Longitudinal Number (L x D) F.S. Vessel 15531

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

Register Tonnage.....4278.03

2nd Numeral $L \times (B + D)$

Residence.....

REGISTERED DIMENSIONS.
FEET.

Length 425.1

Proportions —Depth to Length — Uppermost continuous deck to top of keel	11.14
Do. Long Bridge to top	x

Port of Registry.....London

Breadth 57.0

Do. Long Bridge to top of keel) **x**
feet 26 82

If surveyed while building, afloat, or in dry dock.....

Depth 34.85

Draught Moulded feet 26.83

Building in Builders drydock & Afloat.

		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 3/5 length amidships to Collision bulkhead.....}		27	✓			" " Reversed Frame		6	3 1/2	.38	✓
" " in peaks		24	✓			" " Vertical Struts 8 X 3 1/2 X 3 1/2		4	42	1.50	✓
SIDE FRAMING.						Centre Girder, depth and thickness amidships		43 1/2	X	.54	✓
Frame Amidships, Angle, [or]		12 X 4 X 4 X 59/69	✓			" " top Angle WELDED TOP AND					
(IN UPPER TWEEN DECK) TO UPPER DECK H'WAYS ENDS		2nd DECK 12 X 4 X 4 X 50/69	✓			" " bottom Angle B.O.T. T.O.M.					
Reversed Frame Amidships, Angle, [or]		12 X 4 X 4 X 50/69	✓			Side Girders, No. each side and thickness.....		1	@	.38	✓
FRAMES No. 1 HOLD (FRS. 13-38 INCL.) 15 X 3.37		3.37 X 52/62	✓			Margin Plate depth (excl. of flange) and thickness		68	X	.54	✓
" " Extends up to.....			✓			" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem		SIDE BRACKETS			
Depth of Framing Girder.....		12	✓			" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area					
Frames in Uppermost Continuous 'tween Decks, Angle [or]		6 X 3 1/2 X 3 1/2 X 34/38	✓			" " Gussets, spacing and scantling abaft 1/4 len. from stem		12	X	.44	CONT.
" " Second 'tween Decks, Angle, [or]		7 X 3 1/2 X 3 1/2 X 35/50	✓			" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area		15	X	.44	CONT.
" " Third " " " " " "			✓			Tank Side Brackets, height above base line at toe of Frame and thickness		85.5	X	.44	✓
" " from 1/2 len. for'd. to 15% len. from Stem			✓			INNER BOTTOM PLATING.					
" " in Peaks, Angle or [.....		8 3 1/2 .34	✓			Breadth and thickness of Middle Line Strake.....		60	X	.52	✓
Diameter and Spacing of Rivets through Frame and Shell Plating amidships		7/8 @ 6 1/2 DIAM.	✓			Thickness of remainder in Holds44			
State if Frame Joggled		No.	✓			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 the Panting Area in accordance with the Rules and/or as approved?		YES	✓			BEAMS.					
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?		YES	✓			Uppermost Continuous Deck, amidships INV. ANGLE in Wells, Angle [or]		7	4	.38	✓
SINGLE BOTTOM.						" " in way of Bridge, Angle, [or]					
Floors, Depth and thickness at mid-line in Holds			✓			Spacing		EVERY FRAME			
Height of Brackets at side above base line at toe of frame			✓			Second Deck, amidships, Angle [or]		8	4	.43	✓
Middle Line Keelson, on Floors, Angles, [or]			✓			" " Spacing		EVERY FRAME			
" " " Through Plate or Intercoastal Plate....			✓			" " IN WAY NOS 1 & 2 TWEEN DECK		8	4	.50	✓
" " " 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 spacing38 @ 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					

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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.)

This vessel is the 7th of the 30 ships Nos.1 - 30 to be built by the Todd-Bath Iron Shipbuilding 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 plans as built.

Copy of Interim Certificate B.

Six casting and forging reports namely: C. S. Stern Frame, Upper Rudder Stock, Rudder (including intermediate rudder stock and heel pintle castings) Rudder neck bearing, Quadrant & Tiller, Boat Davits.

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 hatch end beams which are riveted. Electrodes, complying with Section 4, paras.1-9, of the Rules, have been employed for manual welding. 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: Lloyd's 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 5505 lbs.W. H. Runham, 14301, Jan.27, 1942.
2nd " Weight of head 5800 lbs.J. H. Drandolph, 14150, Nov.3, 1941.
Stream " Weight of head 2250 lbs.J. H. Drandolph, 14153, Nov.3, 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. Signal Letters Extreme Breadth over Belting NO BELTING Over-all Length 441.5 feet (Circ. 1611) (Circ. 1703)

No. and Material of Decks two - Steel

D.B.tanks under Engine & Boilers coated with 1 1/2" solid cement on bottom of Parts of Bottom of Vessel coated with cement or approved composition vessel and extending for 3 frame spaces forward of Fore end Boiler Space to 3 frame spaces abaft Aft.end Engine Space with bitumastic on other surfaces in these double bottoms. Remainder of D.B. tanks cement washed only; cement at bottom of fore and after Peak cement wash in latter spaces above cement.

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.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	135	361	Fore peak tank,	22.8	124
Double bottom, under Engines and Boilers	25	117	After peak tank,	24.9	166
Double bottom, if under Engines only,	---	---	Deep tank, aft,	20	734
Double bottom, dry tank under boilers tested.	20	97	Deep tank, forward,	---	---
Double bottom, forward,	188.2	735	Other tanks, if fitted,	---	---
Total length (if continuous) and Capacity	368.2	1310	(If necessary, furnish further information by sketch.)		

Order for Special Survey No. 1941-MARCH 11, 12, 14, 17, 19, APRIL:- 4, 8, 10, 14, 15, 16, 19, 21, 25, 28, 30 MAY:- 1, 5, 6, 7, 13, 14, 15, 16, 23, 24, 26, 28, 29, 31, JUNE:- 3, 4, 5, 6, 7, 9, 10, 11, 12, 13, 14, 16, 26, 30 JULY:- 3, 5, 7, 8, 9, 10, 11, 12, 14, 15, 16, 19, 21, 25, 28, 29, 30, 31, AUG:- 8, 20, SEPT:- 3, 8, 9, 16, 17, 18, 24, OCT:- 4, 7, 8, 9, 11, 13, 20, 22, 24, 31, NOV:- 3, 4, 6, 8, 12, 17, 21, 24, 28, 29, DEC:- 1, 3, 6, 11, 15, 16, 18, 23, 26, 29, 1942-JAN:- 6, 7, 8, 9, 13, 14, 16, 19, 22, 24, 26, 27, 28, 30, 31, FEB:- 2, 5, 10, 11, 12, 14, 16, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, MAR:- 10, 11, 20, 21, 23, APR:- 13, 14, 15, 17, 18, 20, 21, 22, 23, 24, 25, 27, 28, 29, MAY:- 1, 3, 5, 6, 8, 9, 10, 12, 14, 16, 19, 20, 1942-JUNE:- 1, 3, 5, 6, 8, 9, 10, 12, 14, 16, 19, 20, 1942-JULY:- 1, 3, 5, 6, 8, 9, 10, 12, 14, 16, 19, 20, 1942-AUG:- 1, 3, 5, 6, 8, 9, 10, 12, 14, 16, 19, 20, 1942-SEP:- 1, 3, 5, 6, 8, 9, 10, 12, 14, 16, 19, 20, 1942-OCT:- 1, 3, 5, 6, 8, 9, 10, 12, 14, 16, 19, 20, 1942-NOV:- 1, 3, 5, 6, 8, 9, 10, 12, 14, 16, 19, 20, 1942-DEC:- 1, 3, 5, 6, 8, 9, 10, 12, 14, 16, 19, 20, 1942

Dates of Surveys held while building

Total No. of dates 167 Total No. of Visits 187