

## STEEL STEAMER OF MOTORSHIP.

Received at London Office SEP - 6 1938

State if Report has been sent on the Freeboard of the Vessel No

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

Date of completion of report 15th August, 1938

Port of Baltimore

No. 6582

Survey held at Sparrows Point, Baltimore, Md. Date First Survey 16th July, 1937

Last Survey 12th July

19 38

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

Machy Aft

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

State Type of Erections P. B &amp; F

TONNAGE under Tonnage Deck... 7036

CLASS 100 A1

State if with freeboard as condition of Class No

Built at Baltimore

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

Length from fore part of stem to after part of stern most on summer L.W.L. See Sec. 3 (1a) L 442

Launched 13th Nov., 1937 Yard No. 4306

Total

Breadth (greatest moulded) B 64

Builders Bethlehem Shipbuilding Corp. Ltd. (Sparrows Point, Md.)

Gross Tonnage 7989

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 34.83

Owners Standard Oil Company of New Jersey

Register Tonnage 4738

1st Longitudinal Number (L x D) = 15395

Managers -

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

2nd Numeral L x (B + D) = 43683

Residence New York

## REGISTERED DIMENSIONS.

FEET.

Length 445.4

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

Port of Registry Wilmington, Delaware

Breadth 64.2

Proportions—Depth to Length—Uppermost continuous deck to top of keel 12.69

If surveyed while building, afloat, or in dry dock

Depth 35.2

Draught Moulded -

Building

## 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	Long. framing See Rpt. 1 <sup>x</sup>		Bracket Floors, Frame	-	
" " in fore hold	24" x 30"	✓	" " Reversed Frame	-	
" " from 1/2 length amidships to Collision bulkhead	24"	✓	" " Vertical Struts	-	
" " in peaks	-		Centre Girder, depth and thickness amidships	60x.50-.46	✓
SIDE FRAMING.	See Rpt. 1 <sup>*</sup>	✓	" " top angles welded to T. Top	✓	
Frame Amidships, Angle, [ or [	-		" " bottom angles welded to keel	✓	
" " Extends up to	-		Side Girders, No. each side and thickness	2 .44	✓
Reversed Frame Amidships, Angle	-		Margin Plate depth (excl. of flange) and thickness	-	
" " Extends up to	-		" " Vertical Angle to Tank side	-	
Depth of Framing Girder	-		" " Bracket abaft 1/2 len. from stem	-	
Frames in Uppermost Continuous 'tween Decks, Angle, [ or [	-		" " Vertical Angle to Tank side	-	
" " Second 'tween Decks, Angle, [ or [	-		" " Bracket from forward 1/2 len. from stem to Panting Area	-	
" " Third " " " "	-		" " Gussets, spacing and scantling abaft 1/2 len. from stem	-	
" " from 1/2 len. for'd. to 15% len. from Stem	-		" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	-	
" " in Peaks, Angle	7 4 44	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	-	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	See Rpt. 1	✓	INNER BOTTOM PLATING.		
State if Frame Joggled	No	✓	Breadth and thickness of Middle Line Strake	.52	Plated athwartships
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	Yes	✓	Thickness of remainder in bulk	.52	✓
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?	-	
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	-		Uppermost Continuous Deck, amidships in Wells, Angle, [ or [	See Rpt. 1 <sup>*</sup>	✓
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	-	
" " Through Plate or Intercoastal Plate	-		Second Deck, amidships, Angle, [ or [	-	
" " Foundation Plate on Floors	-		Spacing	-	
" " 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. in Machy Space			Poop Deck, Angle, [ or [	See Rpt. 1 <sup>*</sup>	
Solid Floors, thickness and spacing	.50	✓	Spacing	-	
" " Are Frame and Reversed Frame joggled?	No frames Floors welded	✓	Bridge Deck, Angle, [ or [	See Rpt. 1 <sup>*</sup>	
Bracket Floors, breadth and thickness at middle line	-		Spacing	-	
" " breadth and thickness at margin plate	-		Forecastle Deck, Angle, [ or [	7 3 .38	
			Spacing	24	



## 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.
<b>PILLARS, No. of Rows</b> .....	-				Stringer Plate, breadth and thickness in way of Bridge .....	-			
" in 'tween Decks, Size and Spacing.....	-				Thickness of Plating abreast Deck openings in way of Wells .....	-			
" " " " " .....	-				Thickness of Plating abreast Deck openings in way of Bridge .....	-			
" in Holds " " .....	-				Thickness of Plating within line of openings...	-			
2" longitudinal " " " .....	-				If Sheathed, material and thickness .....	-			
<del>CONCEAL</del> Bulkheads					<b>Third Deck.</b>				
Stiffeners and Spacing.....					Stringer Plate, breadth and thickness.....	-			
Plating, thickness of .....	.50, .44, 42, 44, 50, .50, .52				If Plated, state thickness.....	-			
<b>STRINGERS AND DECKS.</b>					<b>Fourth Deck.</b>				
<b>Uppermost Continuous Deck.</b>					Stringer Plate, breadth and thickness.....	-			
Stringer Plate, breadth and thickness in Wells	73 1/2 .68				If Plated, state thickness .....	-			
" " " " in way of Bridge	73 1/2 .84				<b>Fourth Deck.</b>				
" Angle in Wells .....	6 x 6 x 26.5				Stringer Plate, breadth and thickness .....	21 x .45 - 38			
Thickness of Plating <del>in way of Wells</del> .....	.68 & .54				Plating, <del>Stringer plate and thickness</del> .....	.30			
Thickness of Plating abreast Deck openings in way of Bridge .....	-				<b>Bridge Deck.</b>				
Thickness of Plating within line of openings...	-				Stringer Plate, breadth and thickness.....	40 x .44			
If Sheathed, material and thickness .....	-				Plating, <del>Stringer plate and thickness</del> .....	.30			
<b>Second Deck.</b>					<b>Forecastle Deck.</b>				
Stringer Plate, breadth and thickness in Wells...	-				Stringer Plate, breadth and thickness.....	36 x .40			
					Plating, <del>Stringer plate and thickness</del> .....	.36			

## SHELL PLATING.

SCANTINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if Joggled? No	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.				Inches.	Inches.		Inches.	Inches.	
FLAT PLATE KEEL .....	51	.81 ✓	.81 ✓	.81 ✓		Double	1	3 5/8	✓	3 + 3	1	3 1/2	Butt flush welded with single strap outside.
„ DELG. (if any)	-	-	-	-		-	-	-	-	-	-	-	-
BOTTOM PLATING, No. } of Strakes .....	3	.70 ✓	.64 ✓	.58 ✓		D	7/8	3 1/2	✓	4	7/8	3	Lapped
BILGE PLATING, No. of } Strakes .....	2	.70 ✓	.64 ✓	.58 ✓		D	7/8	3 1/2	✓	4	7/8	3	Lapped
SIDE PLATING, No. of } Strakes .....	3	.59 ✓	.55 ✓	.46 ✓		D	7/8	3 1/2	✓	4	7/8	3	Lapped
UPPER DECK, Sheer- } strake in Bridge .....	70	.88 ✓	.46 ✓	.46 ✓		D	1	3 1/2	✓	5	1	3 1/2	Lapped
UPPER DECK, Sheer- } strake in Bridge ...	-	-	-	-		-	-	-	-	-	-	-	-
STRAKE BELOW Sheer- } strake in Bridge .....	67 1/2	.75 ✓	.46 ✓	.46 ✓		D	7/8	3 1/2	✓	4	1	3 1/2	Lapped
STRAKE BELOW Sheer- } strake in Bridge ...	-	-	-	-		-	-	-	-	-	-	-	-
POOP SIDE PLATING .....	-	.52 ✓	-	.54 ✓		Single	3/4	3 3/8	✓	2	3/4	3	Lapped
BRIDGE SIDE PLATING ...	-	.44 ✓	-	-		One plate -	No seam	-	✓	2	7/8	3 1/2	Lapped
FOREC'TLE SIDE PLATING	-	-	.40 ✓	-		One plate -	No seam	-	-	2	3/4	3 3/8	Lapped

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—		RIVETINGS AND CASTINGS.			
		Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted
Extending to Upper Deck (Sec. 3 c)	14 ✓				
" Deck-next below	—				
As per Rule	—				

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted
<b>KEEL, Bar</b>				
<b>STEM</b>	Plate	stem	.38 .81	
<b>STERN FRAME</b> {	Propeller Post	C.S.	Bethlehem	
	Rudder	C.S.	Steel Co.	
<b>Speed of Vessel</b>	13 knots			
<b>RUDDER—Type</b>	Contra Guide			
" A x D	670			
" Diam. of head	F S	12"	80,000	sq. in. steel
" Mainpiece at top pintle	C.S.	frame		
" " heel	double plate		Bethlehem	
" how constructed	stream lined		Steel Co.	
" double or single plate	Rudder			
" coupling, vertical or horizontal	Horizontal			

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)

STEEL. Plates and Sections - Bethlehem Steel Co.

Has the Steel been tested as required by the Rules? American Bureau Requirements.

EQUIPMENT No.				LETTER		ANCHORS.			
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK.	WEIGHT OF STOCK.	TEST, PER CERTIFICATE.	WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.	
		<del>Net weight</del> lbs.	<del>Gross weight</del> lbs.	<del>Net weight</del> lbs.	<del>Gross weight</del> lbs.				
12911	1st Bower ...	10050	✓	141600	✓	10045	Stockless	Baldt	Phila. 21/7/37 J.V.C.M.
12910	2nd " ...	10050	✓	141600	✓	10045	"	"	" " " " " "
12914	3rd " ...	8550	✓	128240	✓	8540	"	"	" " " " " "
		22850				22850			

Rpt. 1\*.

S.S. "ESSO BATON ROUGE"

### PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.			AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			Connection of frames to			Continuous											
			In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Transverse Frames.			Shell Plating on each side of Transverse and Bulkheads.			Rounds bars								
			Ins.	Ins.	& lbs	Ins.	Ins.	lbs.	Ins.	Ins.	lbs.	Ins.	Ins.	lbs.	Ins.	Ins.	lbs.	Diam.	Spang.	Ins.	Ins.	Ins.	Number.	Diameter.					
Framing of <u>L. L. or C</u> .....			5	3 1/2	.38	-			5	3 1/2	38.4	✓	-																
Frames in Bridge 'tween Decks ...			7	3 1/2	17.1	✓	7	3 1/2	17.1																				
Frames from Uppermost Continuous Deck			8	3 1/2	18.	✓	8	3 1/2	18.0																				
" 2			8	3 1/2	18.	✓	8	3 1/2	18.0																				
" 3			8	3 1/2	18.	✓	8	3 1/2	18.0																				
" 4			8	3 1/2	20.	✓	8	3 1/2	20.0																				
" 5			9	3 1/2	21.6	✓	9	3 1/2	21.6																				
" 6			9	3 1/2	21.6	✓	9	3 1/2	21.6																				
" 7			9	3 1/2	21.6	✓	9	3 1/2	21.6																				
" 8			9	3 1/2	23.5	✓	9	3 1/2	23.5																				
" 9			10	3 1/2	24.8	✓	10	3 1/2	24.8																				
" 10			10	3 1/2	24.8	✓	10	3 1/2	24.8																				
" 11			10	3 1/2	24.8	✓	10	3 1/2	24.8																				
" 12			10	3 1/2	27.2	✓	10	3 1/2	27.2																				
" 13			10	3 1/2	27.2	✓	10	3 1/2	27.2																				
" 14			10	3 1/2	27.2	✓	10	3 1/2	27.2																				
" 15			10	3 1/2	27.2	✓	10	3 1/2	27.2																				
" 16			10	3 1/2	27.2	✓	10	3 1/2	27.2																				
2 1/2" half round welded to bulb			30"																										
Spacing of Longitudinal Frames			Amidships																										
Double Bottoms			Tank Top Longitudinals																										
L. L. or C			Bottom																										
Spacing of Longitudinals			Amidships																										
			At Ends...																										
Transverses.																													
In Bridge			Depth and Thickness			18 x .38			✓			-			18 x .38			-											
'tween Decks			Face <u>Angles</u> plate			4 x 7/16			Cont.			✓			4 x 7/16			-											
			Lugs to Shell* .....			5/16 Double Weld			✓			-			5/16 Double Weld			-			Welded			✓					
To			Depth and Thickness			27 - 39 x .48			✓						27-39 x .48														
Upper 'tween Decks			Face <u>Angles</u> plate			5" x 1/2"									5" x 1/2"														
Side shell			Lugs to Shell* .....			5/16 Continuous Weld			✓						both			sides			Welded			✓					
Cr. tanks bottom			Depth and Thickness			44 x .52			✓						44 x .52														
In Bridge			Face <u>Angles</u> plate			6 x 9/16									6 x 9/16														
			Lugs to Shell* .....			Continuous Weld			✓						both			sides			Welded			✓					
			" " Back Bars ...			-									-														
			Brackets .....			8'-7" 8'-7" 8'-7"			✓																				
Spacing of Transverse Frames .....																													
State if joggled or liners.																													
Longitudinal			Bridge Deck ...			5 3 9.8#			✓			approved			-			Spacing 33											
Beams of			Upper			6 x 3 1/2 x 17.4			Transverse beams			✓			as			Transverse beams			30 1/2 & 33 1/2								
L. L. or C			Second			with 1 1/2" dia. Round Bars on alternate beams.			✓			fitted			✓														
			Third						✓																				

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, etc., to be entered in their respective places provided for on the Report Forms.

NOTE:—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, etc., on the first page.

1m,10,29. T. MADE IN ENGLAND

1772. 1.20.

27 or 28

W1131-0088<sup>3</sup>

2 WT B/S

U.S. DEPARTMENT OF COMMERCE

FC

W1131-0081







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.)

Midship Transverses Nos. 57 - 67 (as built)  
Shell Expansion Amidships (as built)  
Upper Deck Plating Amidships (as built)

Approved plans being retained for sister ships  
Nos. 4307 - 8 - 9.

This vessel is the first of four vessels building by the same Builder for the same Owners  
and in which the end connection of all shell and deck longitudinals consist of round bars passing through  
the bulkheads, welded thereto and also welded to the ends of the longitudinals known as "Frear type".

#### PARTICULARS OF ELECTRIC WELDING (if employed)

Electrodes - Lincoln Electric Fleetweld No. 5

#### SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book

Carrying petroleum in bulk. Longitudinal framing.

Fitted for oil fuel. Part electrically welded.

Machy Aft. Cruiser stern

Particulars of Drop Test of  
Cast Steel Anchors, viz.:—  
Weight, Surveyor's Initials,  
Number of Certificate, Date  
of Test.

1st Bower.	7000	✓	-	J.V.C.M.	12911	-	21/7/37
2nd "	7000	✓	-	"	12910	-	"
3rd "	5700	✓	-	"	12914	-	"

#### PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 92.1 ft., R.Q.D. - ft., Bridge 35 ft., Forecastle 40.3 ft.

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

Official No. 257082

Signal Letters W P K J

Extreme Breadth over Belting  
(Circ. 1811)

Over-all Length 463'  
(Circ. 1703)

No. and Material of Decks

One deck - steel

Parts of Bottom of Vessel coated with cement or approved composition

Particulars of composition (if fitted) and of approval

#### 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,	-	-	Fore peak tank,	-	361
Double bottom, under Engines and Boilers,	-	-	After peak tank,	-	180
Double bottom, if under Engines only, F.W.	66.3	63	Deep tank, aft,	-	-
Double bottom, if under Boilers only,	-	-	Deep tank, forward,	24	635
Double bottom, forward,	-	-	Other tanks, if fitted,	-	-
Total length (if continuous) and Capacity	-	-	(If necessary, furnish further information by sketch.)		

Order for Special Survey No. 173

Date 18th August, 1936

Dates of Surveys  
held while building

1937 - July 16; Aug. 18, 20, 25, 30; Sept. 1, 7, 9, 10, 14, 16, 20, 23, 30;  
Oct. 4, 5, 6, 8, 13, 18, 19, 20, 21, 27; Nov. 4, 13, 18; Dec. 7  
1938 - March 2, 4, 5, 16, 22, 25, 31; Apr. 5, 19; July 12

© 2020

Lloyd's Register  
Foundation