

## STEEL STEAMER or MOTORSHIP.

Received at London Office 20 SEP 1941

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

State if Report is sent on the Machinery of the Vessel

Date of completion of report 12<sup>th</sup> JULY: 1941.

Port of Philadelphia, Pa. No. 8081

Survey held at CHESTER, PA.

Date First Survey 7<sup>th</sup> NOVEMBER 1940. Last Survey 14<sup>th</sup> JUNE: 1941.

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

Single Screw Steamer: "Stansac Melbourne."

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

Full Scantlings:

State Type of Erections Prop. Bridge &amp; etc.

TONNAGE under Tonnage Deck... 9431.

CLASS 100A1:

State if with freeboard as condition of Class

No.

Built at CHESTER, PA: U.S.A.

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

Length from fore part of stem to after part of stern } L 500.0. most on summer L.W.L. See Sec. 3 (1a)

Launched MAR: 29: 1940. Yard No. 208.

Total 9431.

Breadth (greatest moulded) B 68.0.

Builders SUN: SHIPBUILDING &amp; DRY DOCK CO.

Gross Tonnage 10013.

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 37.0.

Owners PETROLEUM SHIPPING CO. LTD.

Register Tonnage 6397.

1st Longitudinal Number (L x D) = 18,500.

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

2nd Numeral L x (B + D) = 52,500.

Residence ROCKEFELLER PLAZA, NEW YORK.

## REGISTERED DIMENSIONS.

Length 503.9.  
Breadth 68.3.  
Depth 36.9.

Framing Depth "d" at middle of length. See Sec. 3 (1d) 13.5.  
Proportions—Depth to Length—Uppermost continuous deck to top of keel Do. Long Bridge to top of keel  
Draught Moulded 29-11 5/8 (FEET.) 29-11 5/8

Port of Registry PANAMA.

If surveyed while building, afloat, or in dry dock

Building and afloat.

## 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> LONG FRAMES.	✓		<b>Bracket Floors, Frame</b>	✓	
" " from 1/2 length amidships to Collision bulkhead.	✓		" " Reversed Frame	✓	
" " in peaks. 24" AFT. PEAK: 24" FORE. PEAK: 24" TO FOLE. OK.	✓		" " Vertical Struts	✓	
<b>IDE FRAMING, LONGITUDINAL:</b>			<b>Centre Girder, depth and thickness amidships</b> 54" x 56" INER ROOM.	✓	
Frame Amidships, Angle, [ or ]	✓		" " top Angles	WELD. TO TANK TOP.	✓
" " Extends up to	✓		" " bottom Angles	WELD. TO FLAT. KEEL.	✓
<b>Reversed Frame Amidships, Angle</b>	✓		<b>Side Girders, No. each side and thickness</b> 1 52 x 46 42 x 46	✓	
" " Extends up to	✓		<b>Margin Plate depth (excl. of flange) and thickness</b> NONE.	✓	
<b>Depth of Framing Girder</b>	✓		" " Vertical Angle to Tank side	✓	
<b>Frames in Uppermost Continuous 'tween Decks, Angle, [ or ]</b>	✓		" " Bracket abaft 1/4 len. from stem	✓	
" " Second 'tween Decks, Angle, [ or ]	✓		" " Vertical Angle to Tank side	✓	
" " Third " " "	✓		" " Bracket from forward 1/4 len. from stem to Panting Area	✓	
" " from 1/4 len. for'd. to 15% len. from Stem.	✓		" " Gussets, spacing and scantling abaft 1/4 len. from stem	✓	
FORE. PEAK: 8" x 3 1/2 x 40. RIVETED.	✓		" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area	✓	
AFT. PEAK: 8" x 4 x 44. TOE WELDED. 8" x 3 1/2 x 44. TOE WELDED.	✓		<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>	✓	
<b>Diameter and Spacing of Rivets through Frame and Shell Plating amidships</b>	✓		<b>INNER BOTTOM PLATING.</b>		
<b>State if Frame Joggled</b>	No.	✓	Breadth and thickness of Middle Line Strake	SEAMY BUT WELDED.	✓
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	YES.	✓	Thickness of remainder in Holds	✓	
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?	YES.	✓
<b>INGLE BOTTOM.</b>			<b>BEAMS.</b>		
<b>Floors, Depth and thickness at mid-line in Holds</b>	✓		<b>Uppermost Continuous Deck, amidships in Wells, Angle, [ or ]</b> 9" x 3 1/2 x 50. RIVETED.	✓	
Height of Brackets at side above base line at toe of frame	✓		" " in way of Bridge, Angle, [ or ]	✓	
<b>Middle Line Keelson, on Floors, Angles, [ or ]</b> 90" x 50" GIR.	✓		Spacing FROM 1/2 = 10. SP. @ 30" + 3. SP. @ 30"	✓	
" " Through Plate or Intercoastal Plate	✓		<b>Second Deck, amidships, Angle, [ or ]</b> NONE.	✓	
" " Foundation Plate on Floors	✓		Spacing	✓	
" " Flat Plate Keel Angles	✓		<b>Third Deck, amidships, Angle, [ or ]</b>	✓	
<b>Side Keelsons, No. each side</b>	✓		Spacing	✓	
" " thickness of Intercoastal Plate	✓		<b>Fourth Deck, amidships, Angle, [ or ]</b>	✓	
" " Angles	✓		Spacing	✓	
<b>DOUBLE BOTTOM.</b>			<b>Poop Deck, Angle, [ or ]</b> 7" x 3 1/2 x 38. RIVETED.	✓	
<b>Solid Floors, thickness and spacing</b> 54" x 46" INER ROOM.	✓		Spacing 28" x 24" FORD. OF. AP. BHD. 24" AFT. OF. A.P. B.H.P.	✓	
" " Are Frame and Reversed Frame joggled?	No.	✓	<b>Bridge Deck, Angle, [ or ]</b> 5" x 3" x 31. TOE WELDED.	✓	
<b>Bracket Floors, breadth and thickness at middle line</b>	✓		Spacing LONGITUDINALS: 30"	✓	
" " breadth and thickness at margin plate	✓		<b>Forecastle Deck, Angle, [ or ]</b> 5" x 3 1/2 x 44. TOE WELDED.	✓	
			Spacing 30"	✓	

# 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</b> , No. of Rows.....									
„    in 'tween Decks, Size and Spacing.....	} <b>E. GIRDER 60" x 58"</b> ✓					Stringer Plate, breadth and thickness in way of Bridge .....	✓		
"    "    "    "    "    "						Thickness of Plating abreast Deck openings in way of Wells .....	✓		
"    in Holds    "    "    "		} <b>B. TRANSVERSE WEBS.</b> ✓				Thickness of Plating abreast Deck openings in way of Bridge .....	✓		
"    "    "    "    "    "							Thickness of Plating within line of openings...	✓	
<b>WING.</b> <b>Centre Line Bulkhead.</b> 17'-6" From CL. ✓						If Sheathed, material and thickness .....	✓		
Stiffeners and Spacing... 6" To 11" CORRUGATIONS AS APPROVED: ✓					<b>Third Deck.</b> Stringer Plate, breadth and thickness.....	NONE	✓		
Plating, thickness of ..... 42" To 56" ✓		✓			If Plated, state thickness.....	✓			
<b>STRINGERS AND DECKS.</b>					<b>Fourth Deck.</b> Stringer Plate, breadth and thickness.....	✓			
<b>Uppermost Continuous Deck.</b> Stringer Plate, breadth and thickness in Wells 84" x 94" ✓		✓			If Plated, state thickness .....	✓			
"    "    "    "    in way of Bridge 84" x 1-13 ✓		✓			<b>Poop Deck.</b> Stringer Plate, breadth and thickness .....	42" x 46" To 38"	✓		50 OVER CANT FRAMES.
"    Angle in Wells .....	STR. PL. WELDED: TO SHELL: ✓				Plating, <del>Sheathing, material and</del> thickness ...	30	✓		
Thickness of Plating abreast Deck openings in way of Wells .....	.82. ✓				<b>Bridge Deck.</b> Stringer Plate, breadth and thickness.....	48" x 46			
Thickness of Plating abreast Deck openings in way of Bridge .....	✓				Plating, <del>Sheathing, material and</del> thickness ...	36			
Thickness of Plating within line of openings...	✓				<b>Forecastle Deck.</b> Stringer Plate, breadth and thickness.....	48 To 36" x 43	✓		
If Sheathed, material and thickness .....	UNSHEATHED: ✓				Plating, <del>Sheathing, material and</del> thickness ...	36 B: 625			UNDER. WINDLASS.
<b>Second Deck.</b> Stringer Plate, breadth and thickness in Wells...	48 } DECK PLTG. 42" THRU OUT - 2 <sup>ND</sup> DECK FORD: 44 " " " MACHINERY: B: BOILER FLAT. AFT: ✓								

## SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if joggled?	SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.				Diam.	Spacing or. to or.		Diam.	Spacing or. to or.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.		
FLAT PLATE KEEL .....	56" ✓	.88. ✓	.88 THROUGHOUT. ✓		} BOTTOM SHELL & BILGE STRAKE - SEAM & BUTTS WELDED:								
" DBLG. (if any)	NONE.	✓	✓	✓									
BOTTOM PLATING, No. of Strakes ...3.....	110 90 90	.78. ✓	.57 ✓	.68 .62 .57									
BILGE PLATING, No. of Strakes .....2.....	60 78	.78. ✓	.57 ✓	.60. ✓									
SIDE PLATING, No. of Strakes .....3.....	74 3/4 78 90	.66. ✓	.57 ✓	.50. ✓			DBL. ✓	7/8"	3"				
UPPER DECK, Sheer-strake in Wells.....	69 1/2	1.02. ✓	.60. ✓	.50. ✓			DBL. ✓	1 1/8.	4". ✓				
UPPER DECK, Sheer-strake in Bridge ...	69 1/2	1.22 ✓	✓	✓			DBL. ✓	1 1/8.	4". ✓	} BUTTS WELDED THROUGHOUT:			
STRAKE BELOW Sheer-strake in Wells.....	66 3/4	.85. ✓	.56 ✓	.50. ✓			DBL. ✓	1"	3 1/2.				
STRAKE BELOW Sheer-strake in Bridge ...	66 3/4	.85. ✓	✓	✓			DBL. ✓	1"	3 1/2.				
POOP SIDE PLATING .....	96"	✓	.62"	.41"		} SEAMS & BUTT WELDED THROUGHOUT:							
		.47.											
BRIDGE SIDE PLATING ...	96"	.59 @ BREAK. ✓	✓	✓									
FOREC'TLE SIDE PLATING		.44.	✓	✓									

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—		
Extending to Upper Deck (Sec. 3 c)	} 14: COMPLETE TRANSVERSE O.T.	
" Deck next below		B: W.T. BHD'S
As per Rule		AS APPROVED ✓

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHD, Upper 'tween decks	38 To 52 ✓	in approved plan	6" To 10" CORRUG PLTS	F.P.L. 14" x 5" x 46" 27" ✓	
" " Second " "					
" " Third " "	38 To 52 ✓		6" To 10" CORRUG PLTS	F.P.L. 14" x 5" x 46" 27" ✓	
" " Holds .....					
COLLISION " (in Hold) .....	.34 ✓	6" x 3 1/2" x 44" TOE WELDED. 30" ✓			
AFTER PEAK " " .....	.36 ✓	8" x 4" x 44" TOE WELDED. 30" ✓			
	.30 ✓	4" x 3" x 38" TOE WELDED. 30" SPACING ✓			
	.54 ✓	7" x 4" x 38" " 27" " ✓			

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar .....	✓	✓	✓	✓
STEM ..... PLATING: ✓	✓	✓	✓	✓
STERN FRAME { Propeller Post ..... GENERAL STEEL CASTING CO. ✓				
{ Rudder " ..... PENN. STEEL CASTING CO. ✓				
Speed of Vessel .....		13 knots: ✓		
RUDDER—Type..... BUILT.				
" A x D ..... A x D = 636 in plan ✓				
" Diam. of head ..... 13 1/2" ✓				
" Mainpiece at top pintle ..... CAST STEEL FRAME: ✓				
" " heel ...				
" how constructed ..... STREAMLINED: ✓				
" double or single plate coupling, vertical or horizontal ..... DOUBLE: ✓				
		HORIZONTAL: ✓		

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)			
	Lukens Steel Co.	Phoenix Iron Co.	Worth Steel Co.	Carazzi & Allison Co.
	Has the Steel been tested as required by the Rules? YES ✓			



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.)

Copies of plans. "AS BUILT" are forwarded under separate cover:—NAMES:—

"Midship section."

Profile & Deck.

✓ Rudder:

✓ Stern frame & Rudder post.

✓ Inner Bottom plating aft:

✓ Fele. DK: Bridge. DK: and Poop. DK: plating. (3).

✓ Upper. BK: plating

✓ Shell expansion and shell plating:

✓ Typical O.T. Transverse. Frame.

(11 plans in all.)

Forging and Casting Reports:—upper. inside and lower stem frame.  
(Copies herewith). Rudder post: ✓

PARTICULARS OF ELECTRIC WELDING (if employed) All welded construction except side shell and deck. ptg. the seams only of which are riveted. Bottom shell to turn of bilge, Bhd's, inner. Double bottoms are welded in large sections in the shop and assembled on slipway.

Approved. Linvex and Fleetweld rods. used in all cases where hand operated.  
"Union built" welding approved process. used elsewhere: ✓

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

Carrying Petroleum in Bulk. Longitudinal framing. Machinery aft:  
E.S.D. Fitted for oil fuel 6,41 F.P. above 150°F

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower HEAD. 7400	SHANK. 2750	J.K.H. 13435	5" DEC: 1940.
	2nd " 7400	" 2750	" 13436	" " "
	3rd " 7400.	" 2750.	" 13437.	" " "
	STREAM: HEAD: 2460.	" 1255.	108" 13438.	" 40"

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 105.87 ft., R.Q.D. ✓ ft., Bridge 34 ft., Forecastle 54.46 ft.

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated in letter 22.7.42

Official No. ✓ Signal Letters H.P.T.Q. Extreme Breadth over Belting (Circ. 1611) ✓ Over-all Length (Circ. 1703) 520.0

No. and Material of Decks STEEL:

Parts of Bottom of Vessel coated with cement or approved composition DOUBLE BOTTOMS. APEXIOR: & PEAKS: BITUMASTIC & CEMENT. WASH.

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,	38.4 1/2	460.82
Double bottom, under Engines and Boilers,	73.7 1/2	141.	After peak tank,	19-3	86.00
Double bottom, if under Engines only,	✓	✓	Deep tank, aft,	✓	✓
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward,	36-0.	936.61
Double bottom, forward,	✓	✓	Other tanks, if fitted, COFFERDAM	4-0	279.73.
Total length (if continuous) and Capacity	✓	✓	(If necessary, furnish further information by sketch.)	3-6.	153.84.

Order for Special Survey No. 497.

Date 29<sup>th</sup> MARCH 1940.

Dates of Surveys held while building

1940: NOV. 20. 25. DEC. 3. 4. 5. 10. 13. 20. 24. 26. 28. 31.  
1941: JAN. 2. 7. 8. 9. 11. 13. 14. 15. 20. 22. 23. 28. 30. FEB. 4. 6. 7. 10. 12. 14. 17. 20. 26.  
MAR. 5. 7. 11. 13. 14. 15. 17. 18. 19. 21. 24. 25. 26. 27. 28. 29. APR. 7. 17. 21. 23.  
MAY. 8. 15. 16. 17. 21. 23. 29. JUN. 4. 5. 6. 7. 13. 14.

Total No. of Visits 67.

## PARTICULARS OF LONGITUDINAL FRAMING.

Phl. Rpt. No. 8081.

FRAMING.		AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.					
		In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Rivets in Longitudinal Frames.		Spacing of Rivets on each side of Transverses and Bulkheads.		Rivets in Brackets to Bulkheads.	
		Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	
8. FLANGED PLATES.					F.C.L.E. SIDE.			POOP. SIDE: VERTICAL FRAMING.						BRIDGE SIDE.		LONG. TOE WELD.		LONG. WELDED.	
Framing of L, L or E					6" x 3 1/2" x .34			BA. 8" x 3 1/2" x .46.						7/8 5/4		IN. F.C.L.E. SIDE.			
Frames in Bridge 'tween Decks ...		L. 7" 4" .44												7/8 5/4		POOP. SIDE.			
Frames from Uppermost Continuous Deck		BA. 10" 3 1/2" .40												7/8 5/4		THROUGHOUT.		9" see approved plan & plan as built.	
" 2		10" 3 1/2" .40												7/8 5/4				8" x 38" x 1.00	
" 3		10" 3 1/2" .46												7/8 5/4				BUTTS ON INNER EDGE OF LONG.	
" 4		E 10" 3.4" .375												7/8 5/4				THRU. BND. WELDED.	
" 5		10 3.45 .425												7/8 5/4					
" 6		12 3.45 .45												7/8 5/4		12. Riv. Spd. 4"			
" 7		12 3.45 .45												7/8 5/4					
" 8		12 3.5 .50												7/8 5/4					
" 9		15 3.4 .40												7/8 5/4				1 1/2" x 46" x 1.00	
" 10		15 3.4 .40												7/8 5/4				see approved plan & plan as built	
" 11		15 3.4 .40												7/8 5/4		3"			
" 12		FP. 15 4 .50												7/8 5/4		3"			
" 13		16 4 .50												DBL: 1/4" CONT WELD.					
" 14		18 5 .50												INCREASED TO DBL. 3/8"				1 1/2" x 58" x 1.00	
" 15		19 5 .50												CONT. WELD. FOR 18" @ ENDS.				BKT ON INNER EDGE OF LONG	
To 26		19 5 .50												8.9" EA: SIDE OF TRANSV.				THRU. BND. WELDED.	
Spacing of Longitudinal Frames		Amidships 30"																	
		At Ends 27"																	
Double Bottoms L, L or E		Tank Top Longitudinals																	
		Bottom																	
Spacing of Longitudinals		Amidships																	
		At Ends...																	
Transverses.		BRIDGE.			FO'CLE.			POOP.			Side Transverse in Body 'tween dk 21" top 16" 24" bottom 38"			Rivets in Lugs to Shell					
In Bridge 'tween Decks		FLGD. PL. 15" x .44			FLGD. PL. 15" x .44			TRANSV. BEAMS.			BA: 7" x 3 1/2" x .38.			WELDED:					
		4" FLG:			4" FLG:			RIVETED.											
		WELDED. CENTER TANK:			WELDED. WING TANK:														
		FLGD. PL. 24" x .50			FLGD. PL. 27" x .50														
Upper 'tween Decks		5" FLG.			5" FLG.														
		WELDED.			WELDED.														
		TRANSV. TO SIDE SHELL.			TRANSV. TO LONG. BND.			BOTTOM TRANSV. CENT.			BOTTOM TRANS-WING:			WELDED.					
		FLGD. PL. 33" to 36" x .50			FLGD. PL. 34" to 45" x .50			FLG. PL. 56" x .50			FLG. PL. 52" x .50								
		5" FLG.			5" FLG.			7" FLG.			6" FLG.								
In Hold.		WELDED.			WELDED.			WELDED.			WELDED.								
		✓			✓			✓			✓								
		✓			✓			60" x .50. width of LK's to long side											
Spacing of Transverse Frames		State if joggled or liners.																	
Longitudinal Beams of L, L or E		Bridge Deck			5 3 8.2 lb									Spacing.		In Ships.		As approved.	
		Upper			9 3 1/2 23.8 lb									Plate.		Angles.		Plate.	
		Second																	
		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.