

STEEL STEAMER or MOTORSHIP.

Received at London Office 25 JAN 1943

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 OCTOBER 18TH 1942. Port of PHILADELPHIA. PA. No. 8291Survey held at CHESTER PA. Date First Survey JANUARY 19TH 1942 Last Survey SEPTEMBER 24TH 1942On the (State if Machinery is of Steel and if Single, Twin or Triple Screw) SINGLE SCREW STEAMER GULF MARCAIBO.State Type (Full Building, Complete Superstructure with or without Tonnage Openings) FULL SCANTLING.State Type of Erections POOP, BRIDGE & FOLETONNAGE under Tonnage Deck... 7476.CLASS 100. A1. State if with freeboard as condition of Class No.Built at CHESTER PA.

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) 1486'-0"Launched 9 JULY 1942 Yard No. 233.Total 7476.Breadth (greatest moulded) 68'-0"Builders SUN SHIPBUILDING & DRYDOCK CO.Gross Tonnage 9306.Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) 36'-0"Owners GULF OIL CORP.Register Tonnage 5393.1st Longitudinal Number (L x D) = 17460.Managers ✓
(Where necessary to be entered in Reg. Book.)2nd Numeral L x (B + D) = 50,440.Residence ✓

REGISTERED DIMENSIONS.

Length 488.8.Breadth 68.3.Depth 36.2.Framing Depth "d," at middle of length. See Sec. 3 (1d) ✓Proportions—Depth to Length—Uppermost continuous deck to top of keel 13.47.Do. Long Bridge to top of keel ✓Draught Moulded 28'-5"Port of Registry PHILADELPHIA.

If surveyed while building, afloat, or in dry dock

BUILDING & 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.
FRAMES, Spacing amidships <u>Long. FRAMES IN CE. TANK (SEE REPT 1*)</u>	<u>28" see plan</u>		Bracket Floors, Frame	<u>✓</u>	
" from $\frac{3}{4}$ length amidships to Collision bulkhead	<u>27" see plan</u>		" " Reversed Frame	<u>✓</u>	
" in peaks	<u>24"</u>		" " Vertical Struts	<u>✓</u>	
FRAMING.			Centre Girder, depth and thickness amidships <u>IN ENGINE SPACE.</u>	<u>90" x 62" BOILER ROOM.</u>	
Frame Amidships, Angle <u>E</u> or <u>C</u> <u>BA.</u>	<u>10" x 3 1/2" x 69" @ WEBS.</u>		" " top Angles	<u>WELDED TO TANK TOP.</u>	
" " Extends up to	<u>UPPER DECK.</u>		" " bottom Angles	<u>WELDED TO KEEL</u>	
Reversed Frame Amidships, Angle	<u>NONE.</u>		Side Girders, No. each side and thickness	<u>2 @ 90" x 54" BOILER ROOM.</u>	
" " Extends up to	<u>✓</u>		" " <u>2 @ 51" x 46" ENGINE ROOM.</u>		
Depth of Framing Girder	<u>10"</u>		Margin Plate depth (excl. of flange) and thickness	<u>✓</u>	
Frames in Uppermost Continuous 'tween Decks, Angle, <u>C</u> or <u>E</u>	<u>✓</u>		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{2}$ len. from stem	<u>✓</u>	
" Second 'tween Decks, Angle, <u>C</u> or <u>E</u>	<u>✓</u>		" " Vertical Angle to Tank side Bracket from forward $\frac{1}{2}$ len. from stem to Panting Area	<u>✓</u>	
" Third " " "	<u>✓</u>		" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem	<u>✓</u>	
" from $\frac{1}{2}$ len. for'd. to 15% len. from Stem	<u>✓</u>		" " Gussets, spacing and scantling from forward $\frac{1}{2}$ len. from stem to Panting Area	<u>✓</u>	
" in Peaks, Angle <u>C</u>	<u>9" x 3 1/2" x 44."</u>	<u>AP approved 8" x 3 1/2" x 34" see plan</u>	Tank Side Brackets, height above base line at toe of Frame and thickness	<u>✓</u>	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<u>7/8" - 4/8"</u>		INNER BOTTOM PLATING.	<u>62" BOILER ROOM.</u>	
State if Frame Joggled	<u>No.</u>		Breadth and thickness of Middle Line Strake	<u>56" ENGINE ROOM.</u>	
the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	<u>YES.</u>		Thickness of remainder in Holds <u>DT.</u>	<u>42"</u>	
the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	<u>YES.</u>		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?	<u>ALL SEAMS & BUTTS WELDED.</u>	
DOUBLE BOTTOM.			BEAMS. (SEE 9130 REPT 1*)		
Floors, Depth and thickness at mid-line in Holds	<u>46" x 50."</u>	<u>Bottom braced in center tank.</u>	Uppermost Continuous Deck, amidships in Wells, Angle, <u>E</u> or <u>C</u>	<u>6" x 3 1/2" x 44"</u>	
Height of Brackets at side above base line at toe of frame	<u>72"</u>		" " in way of Bridge, Angle, <u>C</u> or <u>E</u>	<u>✓</u>	
Middle Line Keelson, on Floors, Angles, <u>C</u> or <u>E</u>	<u>72" x 50" GIRDER.</u>		Spacing	<u>30"</u>	
" " Through Plate or Intercoastal Plate	<u>12" x 85" RIDER PL. ONE GIRDER.</u>		Second Deck, amidships, Angle, <u>C</u> or <u>E</u>	<u>✓</u>	
" " Foundation Plate on Floors	<u>✓</u>		Spacing	<u>✓</u>	
" " Flat Plate Keel Angles	<u>2 GIRTS WELDED TO KEEL.</u>		Third Deck, amidships, Angle, <u>C</u> or <u>E</u>	<u>✓</u>	
Keelsons, No. each side	<u>✓</u>	<u>Side keelson in way tanks see plan</u>	Spacing	<u>✓</u>	
" thickness of Intercoastal Plate	<u>✓</u>		Fourth Deck, amidships, Angle, <u>C</u> or <u>E</u>	<u>✓</u>	
" Angles	<u>✓</u>		Spacing	<u>✓</u>	
DOUBLE BOTTOM. IN ENGINE SPACE.			Poop Deck, Angle, <u>E</u> or <u>C</u>	<u>6" x 3 1/2" x 37 1/2" RIVETED</u>	
Solid Floors, thickness and spacing	<u>90" x 54" IN BOILER ROOM.</u>		Spacing	<u>24" TO 28"</u>	
" " Are Frame and Reversed Frame joggled?	<u>51" x 46" IN ENGINE ROOM.</u>		Bridge Deck, Angle, <u>E</u> or <u>C</u>	<u>8" x 3 1/2" x 34"</u>	
Bracket Floors, breadth and thickness at middle line	<u>51" x 54" W.T. FLOORS.</u>		Spacing	<u>28"</u>	
" " breadth and thickness at margin plate	<u>✓</u>		Forecastle Deck, Angle, <u>E</u> or <u>C</u>	<u>8" x 3 1/2" x 46"</u>	
	<u>✓</u>		Spacing	<u>24" TO 27"</u>	

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.
PILLARS , No. of Rows.....				
" in 'tween Decks, Size and Spacing.....				
" " " " "	CENTRE LINE GIRDER & TRANSVERSE WEBS.			
" in Holds " "				
" " " " "				
Centre Line Bulkhead Bulkhead. 17'-6" OFF C.	10' x 4' 1" x 5' 5" WEB FRAMES.	✓		
Stiffeners and Spacing..... 28"	10' x 4' x 4'	✓		
Plating, thickness of ... 48" LOWER & 90" UPPER.		✓		
STRINGERS AND DECKS.				
Uppermost Continuous Deck.				
Stringer Plate, breadth and thickness in Wells	87" x 94" To 46" AT ENDS.	✓		
" " " " in way of Bridge	87" x 113."	✓		
" Angle in Wells	WELDED TO SHELL DIRECT.	✓		
Thickness of Plating abreast Deck openings) in way of Wells	(74)" L .94			
Thickness of Plating abreast Deck openings) in way of Bridge	✓ see plan & letter 13-4-43 .94 1.68			
Thickness of Plating within line of openings...	✓			
If Sheathed, material and thickness	✓			
Second Deck.	PLATFORM AFE 38"	✓		
Stringer Plate, breadth and thickness in Wells...	2 ND DK. FWD. 41"	✓		
Stringer Plate, breadth and thickness in way of Bridge				
Thickness of Plating abreast Deck openings) in way of Bridge				
Thickness of Plating within line of openings...				
If Sheathed, material and thickness				
Third Deck.				
Stringer Plate, breadth and thickness				
If Plated, state thickness				
Fourth Deck.				
Stringer Plate, breadth and thickness				
If Plated, state thickness				
Poop Deck.				
Stringer Plate, breadth and thickness	60" x 58" & 41"	✓		
Plating, Sheathing, material and thickness ...	PLATED 31"	✓		
Bridge Deck.				
Stringer Plate, breadth and thickness	40" x 44"	✓		
Plating, Sheathing, material and thickness ...	PLATED 34"	✓		
Forecastle Deck.				
Stringer Plate, breadth and thickness	51" x 42"	✓		
Plating, Sheathing, material and thickness ...	UNDER PLATED 31" X 75" WINDLASS.	✓		

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if joggled?			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		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	87	THROUGHOUT.			FLAT KEEL BOTTOM.						
" DBLG. (if any)						BILGE STRAKES.						
BOTTOM PLATING, No. of Strakes	77	48	48			WELDED.						
BILGE PLATING, No. of Strakes	77	48	48									
SIDE PLATING, No. of Strakes	67	57	48			DOUBLE	7/8	3 1/4				
UPPER DECK, Sheer-strake in Wells	70 1/2	1-00	48	48		"	1"	3 3/4	ALL BUTTS WELDED.			
UPPER DECK, Sheer-strake in Bridge ...	1-20	at bridge ends				"	1"	3 3/4				
STRAKE BELOW Sheer-strake in Wells	77 1/2	80	48	48		"	7/8	3 1/4				
STRAKE BELOW Sheer-strake in Bridge ...	77 1/2	80	48	48		"	1"	3 3/4				
						"	7/8	3 1/4				
POOP SIDE PLATING		62	FOR TO 42 AFT.		DOUBLE FOR							
					SINGLE AFT	7/8	3 1/4					
BRIDGE SIDE PLATING ...		58			WELDED							
FOREC'TLE SIDE PLATING		42			SINGLE	7/8	3 1/4					

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) 16. COMPLETE TRANSVERSE W.T.				✓	✓	✓	✓
" Deck next below 8. O.T. BULKHEADS. 73 APPROVED.							
As per Rule ✓							
STIFFENERS.							
Plating Thickness.	VERTICAL.		HORIZONTAL.				
	Scantlings.	Spacing.	Scantlings.	Spacing.			
MIDSHIP BULKHEAD, Upper tween decks	CENTRE TANK	40 TOP FL. PLS.	✓	2 HOR. WEBS	✓		
		52 BOT. 10x4½x46 30	✓	10 40x46	✓	6 FLG.	
		42 on plan					
		52 TOP FL. PLS.	✓	2 HOR. WEBS	✓		
"	Second	52 BOT 10x5x46 33	✓	10 39x46	✓	6 FLG.	
"	Wing Tank			10 42x46	✓		
"	Third						
"	Holds						
COLLISION	(in Hold)	42 FL. PLS.	✓		✓		
		52 11x4½x44 30	✓		✓		
AFTER PEAK		33	✓		✓		
		1.00 6x3½ 30	✓		✓		
KEEL, Bar				✓	✓	✓	✓
STEM				PLATE.			
STERN FRAME				{ Propeller Post PENN STEEL CASTINGS CO. { Rudder " " " " "			
Speed of Vessel				16 KNOTS.			
RUDDER—Type				BUILT.			
" A x D				867.			
" Diam. of head				15½"			
" Mainpiece at top pintle				CAST STEEL FRAME.			
" " heel				DOUBLE PLATE.			
" how constructed				STREAM LINED.			
" double or single plate				DOUBLE.			
" coupling, vertical or horizontal				HORIZONTAL.			

STEEL.

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

BETHLEHEM STEEL CO.

Has the Steel been tested as required by the Rules?

YES.

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.)

COPIES OF APPROVED PLANS AS BUILT WILL BE FORWARDED ON COMPLETION OF THE SISTER SHIP NOW UNDER CONSTRUCTION (YARD No 240)

FORGING & CASTING REPORTS.
(COPIES HERWITH)

UPPER MIDDLE & LOWER STERN FRAME.
RUDDER POST.
UPPER & LOWER RUDDER CASTINGS.

PARTICULARS OF ELECTRIC WELDING (if employed) ENGINE ROOM, DOUBLE BOTTOM AND TANK TOP PLATING IN WAY, SEAMS AND BUTTS FLUSH WELDED. CENTRE GIRDER, WING GIRDERS AND FLOORS TO TANK TOP IN E.P. DOUBLE BOTTOM ELECTRICALLY WELDED. ALL MAIN DECK AND BOTTOM SHELL TO TOP SEAM OF BILGE ELECTRICALLY WELDED AND SIDE SHELL BUTTS WELDED.— APPROVED FLEETWELD AND MUREX RODS USED IN ALL CASES.

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

CARRYING PETROLEUM IN BULK. LONGITUDINAL FRAMING AT BOTTOM AND DECK IN CENTRE TANKS. MACHINERY AFT. PART ELECTRICALLY WELDED.

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

1st Bower	HEAD 8185 lbs	SHANK 3215 lbs	J.K.H. 3.8.42.	SHANK & HEAD
2nd "	" 8020 lbs	" 3320 lbs	" 3.8.42.	DROPPED 12.0"
3rd "	" 6600 lbs	" 3090 lbs	" 3.8.42.	

115.6' 37.25' 60.0'

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 141.11 ft., R.Q.D. None ft., Bridge 73.0 ft., Forecastle 63.64 ft. (in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated See letter 13.4.43

Official No. 242367 Signal Letters K.H.M.M. Extreme Breadth over Belting (Circ. 1611)

Over-all Length 513'-10" (Circ. 1708)

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,	28.0.	21.56.	Fore peak tank,	29.25.	155.05.
Double bottom, under Engines and Boilers,	35.0.	—	After peak tank,	19.00.	89.45.
Double bottom, if under Engines only,	18.7.	46.8.	Deep tank, aft,	29.25.	316.00.
Double bottom, if under Boilers only,	21.0.	137.0.	Deep tank, forward,	22.50.	385.50.
Double bottom, forward,	23.3.	NONE.	Other tanks, if fitted, COFFERDAM FOR?	3.50.	149.85.
Total length (if continuous) and Capacity	86.3.	205.36.	(If necessary, furnish further information by sketch)	3.50.	232.57.

RESERVE FEED TANK No. 4. 21.0 115.25.

1942
JAN. 19. 26 FEB. 4. 19. 27 MARCH. 4. 9. 11. 16. 17. 18. 31 APRIL 6. 8. 15. 21. 22. 28. 30
MAY. 1. 8. 12. 15. 21. 26. 28. JUNE 1. 8. 9. 10. 11. 16. 17. 18. 22. 23. 24. 25. 26. 27
28. 29. 30. JULY. 1. 2. 3. 4. 5. 6. 8. 9. 10. 16. AUG. 6. 7. 14. SEP. 3. 10
18. 21. 23. 24


Order for Special Survey No. 227

Date MARCH. 18TH 1941

Dates of Surveys held while building

Total No. of Visits 62.

PARTICULARS OF LONGITUDINAL FRAMING. S.S. GULF MARAQBIBO.

FRAMING.			AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.		RIVETS IN BRACKETS TO BULKHEADS.	
			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.	
			Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Diam.	Speng.	Number.	Diameter.
			Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
BOTTOM LONG. CENTRE TANKS.																		
Framing of L, 			F.L. PL. 14x4 1/2 x 50			SPACED 30"									WELOED:		DBL. CONT. FILLETS.	
For Long. 1 to 6																		
Frames in Bridge 'tween Decks ...																		
Frames from Uppermost Continuous Deck No. 1																		
" 2																		
" 3																		
" 4						FOR LONGITUDINAL WING BHS.												
" 5						SEE PAGE 2												
" 6																		
" 7																		
" 8																		
" 9																		
" 10			D. 9. 6x3 1/2 x 44 INVERTED			SPACED 2'-6" IN CENTRE TANKS.												
" 11						2'-9" IN WING TANKS.												
" 12																		
" 13																		
" 14																		
" 15																		
" 16																		
Spacing of Longitudinal Frames			Amidships			At Ends												
Double Bottoms L, L or C			Tank Top Longitudinals			Bottom												
Spacing of Longitudinals			Amidships			At Ends												
Transverses.																		
In Bridge 'tween Decks			Depth and Thickness			Face Angles			Lugs to Shell*									
			TRANSVERSE FRAMING.															
In Upper 'tween Decks.			Depth and Thickness			Face Angles			Lugs to Shell*									
			46 x 50			5" FLANGE.			in centre tanks									
In Hold.			Depth and Thickness			Face Angles			Lugs to Shell*									
			WELOED.															
			72 x 50															
			9-4			9-4												
Spacing of Transverse Frames			State if joggled or liners.															
Longitudinal Beams of L, L or C			Bridge Deck			Upper			Second			Third						
			24 x 46-5 FLE.			2 x 8 WING												
			BRKTS. 33 x 46			TANKS												

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.

Im, 10, 20. T.

MADE IN ENGLAND

0083 3/3

Committee's Minute

NEW YORK DEC 16 1942

now

Lloyd's Register
 entered in their
 Foundation