

Rpt. 1.

STEEL STEAMER ~~OR MOTORSHIP~~

Received at London Office

DEC 20 1941 21 MAY 1942

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 18th Dec., 1941

Port of Baltimore, Maryland

No. 7585

Survey held at Sparrows Point, Md.

Date First Survey 9th Oct. 1940

Last Survey 8th October

19 41

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

Steel Single Screw Steamer "CADDON"

Machinery Aft.

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

State Type of Erections P. B. & F.

TONNAGE under Tonnage Deck... 8947

CLASS * 100 A1

State if with freeboard

No

Carrying petroleum in bulk

FEET

Built at Sparrows Point, Maryland

Launched 1st July, 1941

Yard No. 4384

Builders Bethlehem Sparrows Point Shipyard, Inc.

Owners Socony-Vacuum Oil Company, Inc.

Managers

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

Residence 26 Broadway, New York

Port of Registry New York

If surveyed while building, afloat, or in dry dock

While building

REGISTERED DIMENSIONS.

FEET.

Length 488.3

Breadth 66.3

Depth 36.9

Framing Depth "4" at middle of length. See

Ser. 3 (1d)

Proportions—Depth to Length—Uppermost con-

tinuous deck to top of keel

Do. Long Bridge to top

of keel

Brought Moulded

13.2

1st Longitudinal Number (L x D) = 18072

2nd Numeral L x (B + D) = 51284

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 ¹¹ See Rpt. 1 *		Bracket Floors, Frame	-	
" " IN FORE HOLD from length amidships to Collision bulkhead	27		" " Reversed Frame	-	
" " in peaks... After Peak	24		" " Vertical Struts	-	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	54	.56
Frame Amidships, Angle, [or [	See Rpt. 1 *		" " top angles... NONE... WELDED TO		
" " Extends up to	-		" " bottom angles KEEL AND TANK TOP		3 in 20 in steel plates
Reversed Frame Amidships, Angle	-		Side Girders, No. each side and thickness	-	.46
" " Extends up to	-		Margin Plate depth (excl. of flange) and thickness	-	
Depth of Framing Girder	-		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	-	
Frames in Uppermost Continuous 'tween Decks, Angle, [or [	-		" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area	-	
" " Second 'tween Decks, Angle, [or [	-		" " Gussets, spacing and scantling abaft 1/2 len. from stem	-	
" " Third " " " "	-		" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	-	
" " from 1/2 len. for'd. to 1/2 len. from Stem	-		Tank Side Brackets, height above base line at toe of Frame and thickness	-	
" " in Peaks, Angle or [INVERTED	8 4 .50		INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	welded		Breadth and thickness of Middle Line Strake	.60	
State if Frame Joggled	No		Thickness of remainder in Holds	.56	
Are the scantlings and arrangements in the Panting Area 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?	-	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	Yes		BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships in Wells, Angle, [or [	See Rpt. 1 *	
Floors, Depth and thickness at mid-line in Holds	-		" " in way of Bridge, Angle, [or [-	
Height of Brackets at side above base line at toe of frame	-		Spacing	-	
Middle Line Keelson, on Floors, Angles, [or [	-		Second Deck, amidships, Angle, [or [-	
" " Through Plating or Intercoastal Plate	-		Spacing	-	
" " 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	-		Fifth Deck, Angle, [or [INVERTED	5 3 1/2 .38	
DOUBLE BOTTOM. IN MACHY SPACE			Spacing	24 & 28-1/2	
Solid Floors, thickness and spacing	.46 28 1/2		Bridge Deck, Angle, [or [	Long ¹¹	
" " Are Frame and Reversed Frame joggled?	NONE - WELDED TO SHELL AND TANK TOP		Spacing	-	
Bracket Floors, breadth and thickness at middle line	-		Forecastle Deck, Angle, [or [INVERTED	Long ¹¹	
" " breadth and thickness at margin plate	-		Spacing	-	

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.....	-	-	-		Stringer Plate, breadth and thickness in way of Bridge	-	-	-	
" " " " " "	-	-	-		Thickness of Plating abreast Deck openings) in way of Wells	-	-	-	
" " " " " "	-	-	-		Thickness of Plating abreast Deck openings) in way of Bridge	-	-	-	
" " " " " "	-	-	-		Thickness of Plating within line of openings... 	-	-	-	
" " " " " "	-	-	-		If Sheathed, material and thickness	-	-	-	
2 LONGITUDINAL Bulkheads. Stiffeners and Spacing.....				Plating fluted horizontally to form stiffeners ✓	Third Deck. Stringer Plate, breadth and thickness.....	-	-	-	
Plating, thickness of .....	.50, .48,	.44, .56	.44 .44 ✓		If Plated, state thickness.....	-	-	-	
STRINGERS AND DECKS. Uppermost Continuous Deck.					Fourth Deck. Stringer Plate, breadth and thickness.....	-	-	-	
Stringer Plate, breadth and thickness in Wells	87	1.06	✓		If Plated, state thickness	-	-	-	
" " " " " " " " Stringer plate veed and welded to sheer strake ✓	-	-	-		Fifth Deck. Stringer Plate, breadth and thickness.....	-	-	-	
Thickness of Plating abreast deck openings) in way of WELLS.....	.	.90	✓		If Plated, state thickness	-	-	-	
Thickness of Plating abreast deck openings) in way of BRIDGE Hatch Strakes....)	.	.60	✓		Sixth Deck. Stringer Plate, breadth and thickness	43 x 44 - 38			
Thickness of Plating within line of openings..	-	-	-		Plating, Sheathing, material and thickness ...	30	No Sheathing ✓		
If Sheathed, material and thickness	-	-	-		Bridge Deck. Stringer Plate, breadth and thickness.....	43	.44 ✓		
	-	-	-		Plating, Sheathing, material and thickness	36	No Sheathing ✓		
	-	-	-		Forecastle Deck. Stringer Plate, breadth and thickness.....	36	.38 ✓		
Second Deck. Stringer Plate, breadth and thickness in Wells...	-	-	-		Plating, Sheathing, material and thickness ...	(30) ←	No Sheathing	see letter 14-4-42 with Corsicana	

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		No State if jogged?	RIVETS. Diam. Spacing cr. to cr. Inches. Inches.	No. OF ROWS OF RIVETS.	RIVETS.		STRAIGHT OR LAPPED.	
	Breadth. Inches.	Thickness. Inches.	Thickness. Inches.	Thickness. Inches.					Diam. Inches.	Spacing cr. to cr. Inches.		
FLAT PLATE KEEL	52	.86	.86	.90		Flush Welded Edges		Flush Welded Butts				
„ DBLG. (if any)	-	-	-	-								
BOTTOM PLATING, No. of Strakes	4	.75	.58	.72		Flush Welded Edges		Flush Welded Butts				
BILGE PLATING, No. of Strakes	1	.75	.65	.72		Lower edge welded						
SIDE PLATING, No. of Strakes	3	.65	.58	.72		Upper edge rivetted.						
UPPER DECK, Sheer-strake in Wells	72	.98	.50	.50		Double & 1 3-3/4						
UPPER DECK, Sheer-strake in Bridge	72	.98	-	-		3 seams treble 7/8 3-1/2						
STRAKE BELOW Sheer-strake in Wells	68	.83	.50	.50		Double 1 3-3/4						
STRAKE BELOW Sheer-strake in Bridge	68	.83	-	-		Double 1 3-3/4						
POOF SIDE PLATING	-	-	-	.41	.42 on apex plan	Treble 7/8 3-1/2						
BRIDGE SIDE PLATING	-	.58 & .45	-	-		Treble 7/8 3-1/2						
FORECASTLE SIDE PLATING	-	-	.44	-		Single 3/4 3-3/8						
						Flush Welded Edges						
						Single 3/4 3-3/8						

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel	13
Extending to Upper Deck (Sec. 3 c)	13
Deck next below	-
As per Rule	-

FORGINGS and CASTINGS.

		Crossing or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar	.....	-	-	
STEM	.....	Bar	11x2-7/8		
STERN FRAME	(Propeller Post	C.S.	as per Bethlehem approved Steel plan		
	(Rudder			Co.	
Speed of Vessel	.....		16-1/2		
RUDDER-Type	.....	Semi-balanced	stream lined		
..	A x D	-			
..	Diam. of head	14			
..	Mainpiece at top pintle	Cast steel rudder			
..	heel ...	frame, with double			
..	how constructed	side plates welded			
..	double or single plate coupling, vertical or horizontal	to frame			
..		Horizontal			

checked by Mr. Sawdell

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) **Basic open hearth**
Plates - Bethlehem Steel Corp., Sparrows Point, Md.
Sections - Bethlehem Steel Corp., Bethlehem, Pa.

Has the Steel been tested as required by the Rules? **Yes**

PARTICULARS OF LONGITUDINAL FRAMING.

S.S. "CADDON"

FRAMING.	AMIDSHIPS.			Forward ENDS. Only			AMIDSHIPS.			Forward ENDS. Only			Connection of Round Bars Frames to Shell			
	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.	
	Inch.	Inch.	Lbs.	Inch.	Inch.	Lbs.	Inch.	Inch.	Lbs.	Inch.	Inch.	Inch.	Diam.	Spang.	Inches.	Number.
Framing of L, L & C	7x4x15.8						7x4x15.8						CONTINUOUS			
Frames in Bridge 'tween Decks	7x4x15.8						7x4x15.8						Length			
Frames from Uppermost Continuous Deck	7x4x15.8						7x4x15.8									
No. 1	10	3-1/2	22.4	✓	7x4x15.8	T	10	3-1/2	22.4	✓	7x4x15.8	T			32"	3"
" 2	10	3-1/2	22.4	✓	7x4x15.8	/	10	3-1/2	22.4	✓	7x4x15.8	/			32"	3"
" 3	10	3-1/2	24.8	✓	8x4x17.2	/	10	3-1/2	24.8	✓	8x4x17.2	/			32"	3"
INVERTED ANGLE	9	4	21.3	✓	8x4x17.2	/	9	4	21.3	✓	8x4x17.2	/			32"	3"
"	9	4	22.9	✓	8x4x19.6	/	9	4	22.9	✓	8x4x19.6	/			32"	3"
"	12	3-1/2	24.5	✓	TRANVERSE	/	12	3-1/2	24.5	✓	TRANVERSE	/			32"	3"
"	12	3-1/2	24.5	✓			12	3-1/2	24.5	✓					32"	3"
"	12	3-1/2	26.5	✓			12	3-1/2	26.5	✓					32"	3"
"	15	3-3/8	27.5	✓			15	3-3/8	27.5	✓					32"	3"
"	15	3-3/8	27.5	✓	FRAMING	✓	15	3-3/8	27.5	✓	FRAMING	✓			32"	3"
"	15	3-3/8	27.5	✓			15	3-3/8	27.5	✓					32"	3"
"	15	3-3/8	33.6	✓			15	3-3/8	33.6	✓					32"	3"
"	15	3-3/8	33.6	✓			15	3-3/8	33.6	✓					32"	3"
"	18	4	38.3	✓			18	4	38.3	✓					36"	3"
"	18	4	44.4	✓			18	4	44.4	✓					36"	3"
"	18	4	44.4	✓			18	4	44.4	✓					36"	3"
Spacing of Longitudinal Frames	30			✓			30			✓						
At Ends	-						-									
Double Bottoms																
Tank Top Longitudinals	-															
Bottom	-															
Spacing of Longitudinals																
Amidships	-															
At Ends	-															
Transverses.																
In Bridge	21	as plan	.38	✓			21	as plan	.38	✓						
Face Angle Plate	4		.44	✓			4		.44	✓						
Lugs to Shell	CONTINUOUS				WELDING		BOTH				SIDES					
Depth and Thickness	33-50	x	.50	✓			33-50	x	.50	✓						
Face Angle Plate	5		.50	✓			5		.50	✓						
Lugs to Shell	CONTINUOUS				WELDING		BOTH				SIDES					
Depth and Thickness	56		.50	✓			56		.50	✓						
Face Angle Plate	6		.50	✓			6		.50	✓						
Lugs to Shell	CONTINUOUS				WELDING		BOTH				SIDES					
Back Bars	-				-		-				-					
Brackets	-				-		-				-					
Spacing of Transverse Frames	12'2"	12'2"	12'2"	✓			12'2"	12'2"	12'2"	✓						
State if joggled or liners.																
Longitudinal Beams of L or C	5	3	.38	✓	-		5	3	.38	✓	-					
Upper Cr	9	3-1/2	.50	✓	-		9	3-1/2	.50	✓	-					
Side	9	3-1/2	.50	✓	-		9	3-1/2	.50	✓	-					
Third																

The particulars of framing in peaks (if ordinary), Floors, Centre Girders, 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.

10% ab. Rule

EQUIPMENT No.				LETTER		ANCHORS.		
Number of Certificate.	Anchor.	WEIGHT, LBS. STOCK	WEIGHT OF STOCK	TEST, PER CERTIFICATE	WEIGHT REQUIRED BY TABLE 53	Description of Anchor.	Makers.	Where and when tested and Superintendent.
13206	1st Bower ...	10154	-	142464	10080	Powell Stockless	Atlantic	Phila. 26/8/40 H.B. Cording
13204	2nd " ...	10086	-	142464	10080	"	Steel	" " "
13165	3rd " ...	8657	-	128388	8680	"	Castings	" 29/7/40 "
	Collective weight.	28897			28840			
13202	Stream	3720		69520	3710	"	Co.	" 26/8/40

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.	
	Length.	Diam.	Statu- tory. ing.	Supplied.	Per Rule.	Length.					Diam.	Length.	Cir.	Tons.	Length.	Cir.
	Fathoms.	Inch.	1/4 in. lbs.	1/4 in. lbs.	1/4 in. lbs.	Fathoms.	Inch.				Fathoms.	Inch.	Tons.	Fathoms.	Inch.
1355	300	2-9/16	368340	116028	110800	300	2-9/16	C.S. National Stud Link & Steel Castings, Co. G. Drummond	Cleveland, O. 15 Oct. 1940	TOWLINE	130	5 1/2	54.4	130	5 1/2
			515670							HAWSERS & WARPS	2 C			2 C	
											100	8"	Manila	100	8"
											2 C			2 C	
											100	8"	Manila	100	8"
Iron Stream Chain or Steel Wire	120	5	70.9			120	5	Beth. Steel Williamsport, Pa.							

Steering Gear, Type (Power or hand) **Hydro Electric** **American Engineering Co.** **Alternative Means of Steering** **Hand wheel on Poop House top to Aux. rams on steering gear**

Steering Chains (Size and Test) **-** **Windlass** **Steam** **Boats** **Steel - 22' x 6.8' x 2.85'**

Ceiling in Holds, thickness and material **-** **Cargo Battsens, thickness, material and spacing** **-**

Cargo Hatchways. (Upper Deck) To forward. Dry Hold 15' x 11' **✓** **Thickness of Hatches** **Hinged Steel W. T. Covers**

Size of Hatchways **No. 2** **-** **No. 3** **-** **No. 4** **-** **No. 5** **-** **No. 6** **-**

Number of Shifting Bunks **Oil Tight Hatches 7' x 4' Oval** **✓**

Builder's Signature **J. A. Hodge**
BUILDER-SPARKS POINT
CHESAPEAKE, VA.
SPARKS POINT, MD.

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 **Yes**
(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo **Tanker** **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 built according to the approved plans, Secretary's letter and the Rules of this Society

The materials and workmanship are to my satisfaction.

The vessel is intended to carry petroleum in bulk, the oil tanks, oil fuel tanks, cofferdams, peak tanks and double bottom tanks have been tested according to the Rules and found satisfactory.

The amount of Entry Fee £ 55.00 : Fees applied for, **Dec. 18, 1941** (Special notations, where part of class, to be stated.)

Special Survey Fee £ 3354.00 : Received by me, **19**

Late and Sundry Fees 40.00

Travelling Expenses, if any £ 73.50

I am of opinion the Vessel should be Classed *** 100 A1** Carrying Petroleum in bulk

State whether the Vessel has been built under Special Survey **Yes** Signature **J. Buchanan** Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to **New York** Date of issue **18th June 1942**

Committee's Minute **NEW YORK DEC 20 1941**

Character assigned **+ 100A1**

Carrying Petroleum in bulk

Fitted for oil fuel 10,41 F.P. above 150°F

+ L.M.C. - 10,41

NOTE - LONG FRAMING
PART. ELEC. WELDED
MACH. AFT. CRUISER STERN
LATER
2 WTB (CH) 490 lbs
CL **Chas. Hodge**

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.)

CORSICANA

YD. 4353

Plans as built -

General arrangement

Scantling Plan

Capacity Plan

Typical Midship transverse

C. T. Transverse bulkhead

C. T. Centre Line bulkhead

Approved plans -

Shell expansion (aft)

Shell expansion (forward)

Transverse C. T. Bulkhead

Vertical Keel and deck girder

Transverse (Midship)

Longitudinal C. T. Bulkhead

Riveting and welding details

Stern frame

Rudder

Stem

Bow framing, Sheet 1 and 2

Forepeak bulkhead

Second deck plating

Upper deck plating aft, midships, forward

Rudder stock

Poop and bridge Bulkheads

After peak and stern framing

Inner bottom plating

Main engine foundation

Poop deck plating

Scantling plan

After peak bulkhead

Forecastle Deck plating

Bridge Deck plating

Approved plans being retained for sister vessels, Yard Nos. 4355, 6, 8, 9, 76, 77

Interim classification certificate

casting certificate on rudder frame, rudder stock and stern frame

This vessel is also being classed with the American Bureau of Shipping.

PARTICULARS OF ELECTRIC WELDING (if employed)

Lincoln Fleetweld approved rods used.

All bottom shell seams and butts flush welded

All side shell and deck plating butts flush welded (seams riveted)

All internal connections throughout welded.

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

Carrying petroleum in bulk.

Cruiser stern, Machinery aft, Lloyd's A & C.P. Fitted for oil fuel, Longitudinal framing,

Butts and seams of bottom shell plating and butts of side shell plating and deck plating electrically welded.

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

1st Bower

Head - 6969 lbs. - H.B.C., 13206, 26th Aug. 1940

2nd "

Head - 6903 lbs. - H.B.C., 13204, 26th Aug. 1940

3rd "

Head - 5955 lbs. - H.B.C., 13165, 29th July 1940

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 106 ft., R.Q.D. - ft., Bridge 34 ft., Forecastle 49.5 ft.

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

Official No. 241020

Signal Letters W I P T

Extreme Breadth over Belting
(Circ. 1611)

Over-all Length
(Circ. 1708) 501.38

No. and Material of Decks

One deck - Steel

Parts of Bottom of Vessel coated with cement or approved composition

F & A peaks - cement on bottom, bitumastic on sides

In double bottom - bitumastic enamel

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,	-	227
Double bottom, under Engines and Boilers,	-	-	After peak tank,	-	79
Double bottom, if under Engines only, F.W.	78.4	156	Deep tank, aft,	-	-
Double bottom, if under Boilers only,	-	-	Deep tank, forward,	-	223
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. 39-2

Date 6/11/39

Dates of Surveys
held while building

1940 - Oct. 9, 16, 21, 24, 29, Nov. 12, 20, Dec. 16, 23

1941 - Jan. 23, Feb. 4, 10, 18, March 4, 7, 10, 22, 28, 29, Apr. 2, 23

May, 6, 9, 13, 17, 19, 20, 24, 26, 28, 29, 30, June 10, 12, 14, 16, 17, 18, 19, 20

21, 23, 25, 28, 29, July 1, 24, Aug. 1, 8, Sept. 5, 9, 12, 14, 16, 18, 23, Oct. 6

Total No. of Visits 58