

RECEIVED

Rpt. 1.

11 MAY 1950

DISCLOSED

SECTION

IN D.O.

No. 777

## STEEL STEAMER or MOTORSHIP

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

Received at London Office

DISCLOSED

SECTION

Date of completion of report 11th April, 1950 Port of PHILADELPHIA, PA. No. 944

Survey held at Chester, Pa. Date First Survey 7th Nov., 1949 Last Survey 14th March, 1950

On the (State if Machinery Fitted Aft and if Single, Twin or Triple Screw) Single Screw Steamer "SOVAC RADIANT" (Chester, Pa.)

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Full scantling State Type of Erections P.B. &amp; F.

TONNAGE under 15623.73  
Tonnage DeckDo. of space or spaces  
between Tonnage Dk.  
and Upper Dk.

Total 1974.21

Gross Tonnage 17597.94

Register Tonnage 10724

REGISTERED DIMENSIONS.  
FEET.

Length 602.2

82.7

42.7

CLASS \*100A1

State if with freeboard  
as condition of ClassLength from fore part of stem to after part of stern  
post on summer L.W.L. See Sec. 3 (1a)

L 600' 0"

Breadth (greatest moulded)

B 82' 6"

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

D 42' 6"

1st Longitudinal Number (L x D) = 25500

2nd Numeral L x (P + D) = 75000

Framing Depth "d," at middle of length. See  
Sec. 3 (1d)Proportions—Depth to Length—Uppermost con-  
tinuous deck to top of keel

14.1

Do. Long Bridge to top  
of keel

Draught Moulded 32' 2-15/16" Assigned by A.P.S.

Built at Chester, Pa.

Launched 8th March, 1950 Yard No. 576

Builders Sun S.B. &amp; D.D. Co.

Owners Tankers Navigation Co.

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

Residence 17 Battery Place, New York

Port of Registry Panama, R.P.

If surveyed while building, afloat, or in dry dock

Building &amp; 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.
5, Spacing amidships Longl. Frms.	-		Bracket Floors, Frame	-	
" from 3/8 length amidships to Collision bulkhead	-		" " Reversed Frame	-	
" 24" aft peak	-		" " Vertical Struts	-	
" in peaks 24" fore pk.	-		Centre Girder, depth and thickness amidships	57" x 62" in Eng. Rm.	
IDE FRAMING. Longitudinal	-		" " top Angles	welded to tank top	
Frame Amidships, Angle, [ or ]	-		" " bottom Angles	welded to flat keel	
" " Extends up to	-		Side Girders, No. each side and thickness	3 50"	
Reversed Frame Amidships, Angle	-		Margin Plate depth (excl. of flange) and thickness	None	
" " Extends up to	-		" " Vertical Angle to Tank side	-	
Depth of Framing Girder	-		Bracket abaft 1/4 len. from stem	-	
Frames in Uppermost Continuous 'tween	-		" " Vertical Angle to Tank side	-	
Decks, Angle [ or ]	-		Bracket from forward 1/4 len. from stem to Panting Area	-	
" Second 'tween Decks, Angle, [ or ]	-		Gussets, spacing and scantling abaft 1/4 len. from stem	-	
" Third " " "	-		" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area	-	
" from 1/2 len. for'd. to 15% len. from Stem	8" x 4" x .44 above 2nd dk.		Tank Side Brackets, height above base line at toe of Frame and thickness	-	
forepk. inverted angles	9" x 4" x .44		INNER BOTTOM PLATING.		
" in Peaks, Angle or [	6" x 4" x .44 above upper		Breadth and thickness of Middle Line Strake	.62 (seams butt welded)	
aft peak inverted angles	7" x 4" x .44		Thickness of remainder in Holds	-	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	-		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	
State if Frame Joggled	No		BEAMS.		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	Yes		Uppermost Continuous Deck, amidships in Wells, Angle [ or ]	-	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	Yes		" " in way of Bridge, Angle, [ or ]	-	
INGLE BOTTOM.			Spacing	9" 4" .50	
Floors, Depth and thickness at mid-line in Holds	-		at ends to welded	8" 4" .50	
Height of Brackets at side above base line at toe of frame	-		Second Deck, amidships, Angle, [ or ]	-	
Middle Line Keelson, on Floors, Angles, [ or ]	93" .50" C Girder		Spacing 30" & 24"	-	
" " " Through Plate or Intercoastal Plate	24" x 100" Rider plt. on C Girder (welded)		Third Deck, amidships, Angle, [ or ]	-	
" " " Foundation Plate on Floors	-		Spacing	-	
" " " Flat Plate Keel Angles	C Girder welded to flat keel		Fourth Deck, amidships, Angle, [ or ]	-	
Side Keelsons, No. each side	-		Spacing	-	
" " thickness of Intercoastal Plate	-		inverted	6" 4" 44"	
" " Angles	-		Poop Deck, Angle, [ or ]	6" 4" 38" welded	
UBLE BOTTOM.			Spacing 28"-29" fwd. of A.P. bnd.	24" aft of A.P. bnd.	
Solid Floors, thickness and spacing 29" max.	57" .50" in Eng. Rm. (welded)		inverted	5" 3" 31" welded	
" " Are Frame and Reversed Frame joggled?	No		Bridge Deck, Angle, [ or ]	-	
Bracket Floors, breadth and thickness at middle line	-		Spacing 30"	-	
" " breadth and thickness at margin plate	-		inverted	6" 4" 38"	
			Forecastle Deck, Angle, [ or ]	-	
			Spacing 24" & 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, No. of Rows.....</b>					
" in 'tween Decks, Size and Spacing.....	Vertical webs of Transv. Bhd's.				
" " " "					
" in Holds " "					
" Wing " " " "					
<b>Center Line Bulkhead.</b> 20'0" off C					
Stiffeners and Spacing. E & Plg. Pts.	7" to 14"	to welded	80"		
Plating, thickness of. .44" to .56"					
<b>STRINGERS AND DECKS.</b>					
<b>Uppermost Continuous Deck.</b>					
Stringer Plate, breadth and thickness in Wells	116" x 1.18"				
" " " " in way of Bridge	116 x 1.42"				
" Angle in Wells .....	E 8"x 8"x 1-1/8" Riveted				
Thickness of Plating abreast Deck openings in way of Wells .....	1.18" ✓				
Thickness of Plating abreast Deck openings in way of Bridge .....	1.18" ✓				
Thickness of Plating within line of openings..	.91" ✓				
If Sheathed, material and thickness .....	Unsheathed				
<b>Second Deck.</b> At ends only					
Stringer Plate, breadth and thickness in Wells	48" & 44"				
Deck Plating	Plated transversely				
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 .....					
<b>Third Deck.</b>					
Stringer Plate, breadth and thickness .....	none ✓				
If Plated, state thickness .....	-				
<b>Fourth Deck.</b>					
Stringer Plate, breadth and thickness .....	none ✓				
If plated, state thickness .....	-				
<b>Poop Deck.</b>					
Stringer Plate, breadth and thickness .....	63" 80" .42				
Plating, <del>state breadth and thickness</del>	.34" steel				
<b>Bridge Deck.</b>					
Stringer Plate, breadth and thickness .....	89" .48"				
Plating, <del>state breadth and thickness</del>	.34"				
<b>Forecastle Deck.</b>					
Stringer Plate, breadth and thickness .....	60" x 47"				
Plating, <del>state breadth and thickness</del>	27" 31" 62" under windlass				

SCANTLINGS.				RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if Joggled?	RIVETS.		No. of Rows of RIVETS	RIVETS.		STRAIGHT OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.			SINGLE OR DOUBLE.	Diam.		Spacing cr. to cr.	Diam.	
	Inches.	Inches.	Inches.	Inches.		Inches.	Inches.		Inches.	Inches.		
FLAT PLATE KEEL .....	96"	1.06"	1.06"	1.06"	Riveted seams ✓	Butts and seams electrically welded except						
" DBLG. (if any) .....	None					flat keel, upper & lower seams of bilge &						
BOTTOM PLATING, No. of Strakes 4.....	90"	1.00"	1.00"	1.00"		sheerstrake and stringer angle. ✓						
BILGE PLATING, No. of Strakes 2.....	69 3/4"					double upn 1" 3 1/2"						
" 2.....	77 1/2"	1.00"	.68"	.62"		" 1 1/2" 4 1/2"	welded					
SIDE PLATING, No. of Strakes 3.....	83"											
" 3.....	90"	.76"	.52"	.52"		welded		" ✓				
UPPER DECK, Sheer- strake in Wells .....	88"	1.25"	.52"	.52"		double ✓	1-1/8 4 1/4"	" ✓				
UPPER DECK, Sheer- strake in Bridge.....	88"	1.44"	-	-		" ✓	1-1/8 4 1/4"	" ✓				
STRAKE BELOW Sheer- strake in Wells .....	96 3/4"	1.01"	.52	.52		welded ✓		" ✓				
STRAKE BELOW Sheer- strake in Bridge .....	96 3/4"	1.01	-	-		"		" ✓				
POOP SIDE PLATING .....	(2 pl) 102"			1.00 .42	to	" ✓		" ✓				
BRIDGE SIDE PLATING.....	89"	.50" &	.68"	at ends		"		" ✓				
FOREC'TLE SIDE PLATING			.46"			"		" ✓				

Total No. of <b>W.T. BULKHEADS</b> in Vessel— Extending to Upper Deck (Sec. 3 c) <b>16</b> Complete Transv. OT Deck next below & <b>W.T.</b> bulkheads As per Rule _____ As approved.		Casting or Forging. Scantlings. Maker's Name. Any Departure from Approved Plans to be Noted.																																																									
		<b>KEEL, Bar</b> ..... Cstg. Penn St. Nil <b>STEM</b> ..... " " " <b>STERN FRAME</b> { Propeller Post ..... " " " { Rudder ..... " " "	AS APPROVED																																																								
		<b>Speed of Vessel</b> ..... 16 knots ✓ <b>RUDDER—Type</b> ..... Streamlined " A X D ..... 4620 " Diam. of head ..... Cstg 15" ✓ " Mainpiece at top pintle Cast Stl. Frame ✓ " " heel Elec. welded ✓ " how constructed ..... " double or single plate Double ✓ " coupling, vertical or Horizontal ✓ " horizontal																																																									
<table border="1"> <thead> <tr> <th rowspan="3"></th> <th rowspan="3">Plating Thickness.</th> <th colspan="4">STIFFENERS.</th> </tr> <tr> <th colspan="2">VERTICAL.</th> <th colspan="2">HORIZONTAL.</th> </tr> <tr> <th>Scantlings.</th> <th>Spacing.</th> <th>Scantlings.</th> <th>Spacing.</th> </tr> </thead> <tbody> <tr> <td>Center Tank</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>MIDSHIP BULKHD, Upper</td> <td>44"x56"</td> <td></td> <td></td> <td>7" to 18" inverted</td> <td>30"</td> </tr> <tr> <td>" " Second</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>" " <del>WING</del></td> <td>44"x56"</td> <td></td> <td></td> <td>7" to 18" inverted</td> <td>30"</td> </tr> <tr> <td>" " Holds to 2nd Dk.</td> <td>56" x 8"x4"x44" 30</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>COLLISION " (22' 6") Above</td> <td>40" x 10"-11" 8</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>AFTER PEAK " 50-60"</td> <td>13" x 44"-50</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>			Plating Thickness.	STIFFENERS.				VERTICAL.		HORIZONTAL.		Scantlings.	Spacing.	Scantlings.	Spacing.	Center Tank						MIDSHIP BULKHD, Upper	44"x56"			7" to 18" inverted	30"	" " Second						" " <del>WING</del>	44"x56"			7" to 18" inverted	30"	" " Holds to 2nd Dk.	56" x 8"x4"x44" 30					COLLISION " (22' 6") Above	40" x 10"-11" 8					AFTER PEAK " 50-60"	13" x 44"-50						
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STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) Open hearth steel Carnegie Illinois Steel Corp., Bethlehem Steel Co., Worth Steel Co., Lukens Steel Co.																																																											
Has the Steel been tested as required by the Rules? yes. ✓																																																											

EQUIPMENT No.						LETTER		ANCHORS.		
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.	WEIGHT OF STOCK.	TEN. PER CERTIFICATE.	WEIGHT REQUIRED BY	Description of Anchor.	Makers.	Where and when tested and Superintendent.		
		<del>X</del> lbs.	Cwts. qrs. lbs.	<del>X</del> lbs.	<del>X</del> lbs.					
15767	1st Bower.....	15585 ✓		100912 ✓	as above	Stockless	Baldt	J.K.H.	12.1.49 ✓	
15768	2nd " .....	15635 ✓		100912 ✓	15530	"	Anchor, C.	L.R.C.	25.1.49 ✓	
15769	3rd " .....	15635 ✓		100912 ✓	15530	"	& F.Div.	J.K.H.	12.1.49 ✓	
	Collective Weight.	46905 ✓			46590		Chester, Pa			
15770	Stream .....	5958 ✓		100912 ✓	5915	"		J.K.H.	12.1.49 ✓	

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.		
		In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	Diam.	Speng.	In.	In.	Inches.	Number.	Diameter.	Inches.	
Is & Flanged Plts.																						
Naming of <del>XXXXXX</del> inverted																						
Frames in Bridge 'tween Decks ...		L 6"x4"	.36"	Vertical																		
Frames from Uppermost Continuous Deck		L 7"x4"	.50"																			
" 2		L 7"x4"	.50"																			
" 3		L 8"x4"	.44"																			
" 4		L 8"x4"	.44"																			
" 5		Plt. 9"x4"	.44"																			
" 6		10"x4"	.44"																			
" 7		10"x4"	.50"																			
" 8		11"x4"	.44"																			
" 9		12"x4"	.44"																			
" 10		12"x4"	.50"																			
" 11		13"x4"	.44"																			
" 12		13"x4"	.50"																			
" 13		14"x4"	.44"																			
" 14		15"x4"	.44"																			
" 15		17"x4"	.50"																			
" 16		17"x4"	.50"																			
17 to 31		18"x5"	.50"																			
32 to 34		34" at Bilge																				
Spacing of Longitudinal Frames																						
Tank Top Longitudinals																						
Bottom																						
Amidships																						
At Ends																						
Transverses.																						
Bridge		21"	.50"																			
Face Angles		6"	Flg.																			
Lugs to Shell		Welded																				
Center Tank		36"	.50"	Wing Tank	36"	.50"																
Depth and Thickness		5"	.50"	Flg.	8"	.56"	Flg.															
Face Angles		Plt.			Plt.																	
Lugs to Shell		Welded			Welded																	
Transv. to side		36"	.50"	Transv. to Long.	36"	.50"	Bot. Transv. Ctr	54"	.50"	Bot. Transv. Wing	54"	.50"										
Depth and Thickness		Plt.			Plt.			Flg.		Flg.												
Face Angles		Plt. 8"x	.56"	Plt. 8"x	.56"			Plt. 6"x	.50"	Plt. 8"x	.56"											
Lugs to Shell		Welded			Welded			Welded		Welded												
Back Bars		86-96	.50"	Cont. Web																		
Brackets																						
Spacing of Transverse Frames																						
State if jogged or liners.																						
Longitudinal Beams of		Bridge Deck	5" x3"x.31"	Toe welded																		
XXXX		XXXXXXX																				
XXXX		XXXXXXX																				
Third																						

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.

0,29. T.

0034 2/3

2034 3/3



EQUIPMENT No.				LETTER <i>N</i>		ANCHORS.		
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK.	WEIGHT OF STOCK.	TEST, PER CERTIFICATE.	WEIGHT REQUIRED BY TABLE.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
15767	1st Bower.....	15555		182784	18850	Stockless	Baldt	J.K.H. 12.1.49
15768	2nd " .....	15685		182784	15530	"	Anchor, C.	L.R.C. 25.1.49
15769	3rd " .....	15635		182784	15530	"	& F.Div.	J.K.H. 12.1.49
	Collective Weight.	46905			46590		Chester, Pa	
15770	Stream .....	5958		100912	5915	"		J.K.H. 12.1.49

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.	Break-ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Dia.		Length.	Dia.
2545 Pgh.	330	2 1/16	OK	OK	143732	134200	330	2 1/16	Cast Steel	NACO	Pgh., Pa. J.M.G. 17.9.48	TOWLINE	140	2 1/16	327000	140	2 1/16
												3 @	90	9"	Manila	270	9"
												3 @	90	8"	Warps	270	8"
Iron Stream Chain or Steel Wire	120	1 5/8	OK	OK	As approved		120	1 5/8									

Steering Gear, Type (Power or hand)
Power (hydro Electric)
Alternative Means of Steering
Hand

Steering Chains (Size and Test)
-
Windlass
Steam
Boats
4 @ 24" - 31 persons

Ceiling in Holds, thickness and material
-
Cargo Battens, thickness, material and spacing
22.95

Cargo Hatchways.—(Upper Deck)
circular steel with hinged steel covers
Thickness of Hatches
Fwd. dry cargo hatch hinged cover

Size of Hatchways No. 1 (Fwd.)
10'0"x20'
No. 2
4'0" Dia
No. 3
-
No. 4
-
No. 5
-
No. 6
-

Number of Shifting Beams and/or Fore and Afters

Builder's Signature
*John P. ...*

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. oil

(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 in conformity with the Society's Rules and Regulations and the Secretary's letters. The scantlings and arrangements are in accordance with or equivalent to those shown on the approved plans.

With a few exceptions, as noted on page 4, the vessel is of all welded construction.

This vessel is intended to carry petroleum in bulk, the oil tanks, oil fuel tanks, cofferdams, peaks, deep tanks and double bottom tanks have been tested in accordance with the Rules and found satisfactory. Materials and workmanship are good throughout.

This vessel is fitted with a direction finder, radar, gyro compass, fathometer CO<sub>2</sub> fire ext. system (machinery space).

The amount of Entry Fee
\$3500.00
Special Survey Fee
£
Travelling Expense, if any
\$ 158.00

Fees applied for,
11th Apr. 19 50
Received by me,
19

(Special notations, where part of class, to be stated.)

we are
of opinion the Vessel should be Classed
+100A1
Carrying petroleum in bulk.

State whether the Vessel has been built under Special Survey
Yes

Certificate to be sent to
N.Y.R.
Date of issue
21/7/50

Signature
*P. Chapman*
Surveyor to Lloyd's Register of Shipping.

Committee's Minute
NEW YORK APR 19 1950

Character assigned
+ 100 A1
Carrying Petroleum in Bulk
Fitted for oil fuel 3.50 FP above 150°F
+ LMC 3.50

NOTE: Part elec. weld. - hough. framing
Gruiser stem - mch. aft - DR - ESD - GYC.
Radar.
2 WT8 (SPT) 685 lbs.
Elec. light.



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 last of seven sister ships being constructed by the same builders. The following plans are being forwarded under separate cover:- Midship section and profile and deck plan (as built). Working plans:-

Midship section	Transv. web. frames etc. floor plans	Mach'y. flat
O.T. Bhd.	Frames 13-36	Steering gear flat
Profile and deck	Aft peak frames	Upper deck plating (5 plans)
Shell plating (5 plans)	Cant frames	Bridge deck plating
Vertical keel & center line bhd. (5 plans)	Side girders fwd.	Forecastle deck plating
Bilge keel	Long. deck shell and girders (3 plans)	Poop deck
Forepeak frames etc.	Stringers fwd.	Transv. & long. Bhds. (15 plans)
Transv. frames (8 plans)	Inner bottom plating	Main turbine foundation
Floors in way of inner bottom aft.	Second deck plating	Boiler foundation
		Poop deck bhds.

The following plans forwarded to New York on 23rd February last as requested in the London letter of 6th February, 1950:-

Fore Peak Bhd. & Chain Locker Bhds.	Navigating Bridge Deck
Aft Peak Bhd. #12	Midship House Bulwarks
Transverse O.T. Bhds. 73-77-81-85-89	Upper Bridge Deck House Bulkheads
Rudder	Bridge Deck House Bhds.
Sternpost and Rudder Trunk	Upper Bridge Deck Plating
Pilot House and Pilot House Top Pltg.	House Bhds. on Upper Deck
Boat Deck House Bhds. & Boat Deck House Top Pltg.	

PARTICULARS OF ELECTRIC WELDING (if employed) All welded construction except seams of upper deck

"A" strake to C girder, No. 1 girder angles to upper deck, outboard seams of "C" and inboard seam of "D" strake of upper deck plating, upper deck stringer angles, seams of sheer, bilge and flat keel strakes and bottom angles of No. 1 & 2 bottom shell girders to shell, which are riveted only in way of cargo tanks.

Large sections were prefabricated and welded prior to assembly on ship. Approved welding rods were used in manual welding. Unionmelt approved welding 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, fitted for oil fuel 3,50 F.P. above 150°, Electrically welded. DF ESO Gyc.

Particulars of Drop Test of Cast Steel Anchors, viz:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	15555	J.K.H.	15767	12.1.49	Head & Shank dropped 12'0"			
	2nd "	15685	L.R.C.	15768	25.1.49	"	"	"	"
	3rd "	15665	J.K.H.	15769	12.1.49	"	"	"	"
	Stream	5958	J.K.H.	15770	12.1.49	"	"	"	"

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 129'3" ft., R.Q.D. ft., Bridge 38'9" ft., Forecastle 84'3" ft. (in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated.

Official No. 1351-F Signal Letters H O U X Extreme Breadth over Belting 82'10" (Circ. 1611) Over-all Length 628'0" (Circ. 1703)

No. and Material of Decks One complete steel.

Parts of Bottom of Vessel coated with cement or approved composition Peak tanks only. Cement in bottom (depth of casting).

Particulars of composition (if fitted) and of approval D.B. tanks coated with 2 coats of bitumastic solution. Fresh water tanks cement washed. Fore and aft peak tanks coated with 2 coats of bitumastic 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,			Fore peak tank,	36'0"	413.91
Double bottom, under Engines and Boilers, Aft	94'0"	307.70	After peak tank,	24'0"	151.98
Double bottom, if under Engines only,	-	-	Deep tank, aft,	-	-
Double bottom, if under Boilers only,	-	-	Deep tank, forward,	42'0"	1379.97
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.

Date

Dates of Surveys held while building

7, 18 Nov., 6, 7, 8, 15, 19, 21, 22, 23, 27, 28, 29, 30 Dec., 1949, 3, 4, 5, 6, 9, 10, 12, 13, 16\*, 17\*, 18\*, 19\*, 20\*, 23\*, 24\*, 25\*, 27\*, 30\*, 31\* Jan., 1\*, 6\*, 7\*, 8\*, 9\*, 10\*, 13\*, 14, 15, 16\*, 17, 20, 21, 23, 24, 27, 28 Feb., 1, 2, 3, 6, 7, 14 March, 1950.

\* Indicates additional visit.

Total No. of Visits 79



Lloyd's Register Foundation

For S.O.F. see "Surveyor's Report" No. 570