

# With or Without Disconnected Erections.

## STEEL STEAMER.

MON. SEP. 27 1920

Received at London Office

State if Report is also sent on the Machinery of the Vessel.

Date of completion of report  
Survey held at *Newark N.J.*

Port of *New York*  
Date, First Survey *10 Decr/19*

No. *19022*  
Last Survey *12 August 1920*

On the (State if Single, Twin, or Triple Screw)

Steamer "SUDORCO"

Reg. *two knots no sails*

TONNAGE under

CLASS *100 A.1*

FEET.

Master

Do. between Tonnage Dk. and 3rd and 4th Dk.

Breadth (greatest moulded) *46.0*

Year of appointment (1) As Master in service of owner of present vessel—19 (2) As Master of this vessel—19

Total under Upper Dk. *3004.7*

Depth, at middle of length from top of keel to top of upper deck beams at side *28.5*

Built at *Newark N.J.*

Do. of Poop

Transverse Number *74.5*

When built *1920* Launched *May 28th 1920*

Do. of R.Q.Dk.

Length on deck from fore part of stem to after part of stern post *324.0*

By whom built *Submarine Boat Corporation*

Do. of Bridge House

Longitudinal Number *24138*

Owners *Submarine Boat Corporation*

Do. of Forecastle

Depth "d," at middle of length (See Secs. 2 & 13) *25.08*

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

Do. of Houses on Dk.

Proportions—Depths to Length—Upper Deck Beam at side to top of keel *11.4*

Residence

Do. of excess of Hatchways

" " Long Bridge Deck Beam at side to top of keel *8.7*

Port belonging to *Newark U.S.A*

Do. above Crown of Engine Room

Register Tonnage *2174*

Destined Voyage

If Surveyed while Building, Afloat, or in Dry Dock *both*

Gross Tonnage *3545*

Less Crew Space

Less above Crown of Engine Room

TONNAGE FOR FEES *3545*

Less Engine Room

Less Navigation Spaces

LENGTH on Deck		Feet.		Inches.		BREADTH		Feet.		Inches.		DEPTH, ACTUAL		Feet.		Inches.		No. of Decks with flat laid		No. of Tiers of Beams							
Rule		324		0		Moulded		46		0		Do.		do.		do.		do.		Second Dk. Beams							
Moulded depth, ft. 34 ins. 6 To Bridge Dk. Round of Upper Dk. Beam, Actual 34 ins.																											
Moulded depth, ft. 28 ins. 6 To Upper Dk.																											
Dimensions of Ship per Register, Length 324' breadth 46'2" depth 25'																											
FRAMING.										PILLARS.										Inches. Size in Ship.		Inches. Spacing in Ship.		Inches. per Rule. Or as Approved.		Inches. per Rule. Or as Approved.	
E. Angles, or C or L Bars amidships										PILLARS In 'tween Deck, size and spacing																	
in peaks <i>and outside 3/4"</i>										" " Hold																	
in way of Double Bottoms at Solid Floors										" " Quarter 'tween Dks.,																	
" " at intermdt. Bkts.										" " in Hold																	
of Frames from centre to centre amidships																											
" " from 2/3 length to Collision bulkhead																											
" " in peaks																											
BASED FRAME, Angles																											
in way of Double Bottoms at Solid Floors																											
" " at intermdt. Bkts.																											
ING, depth of girder																											
RS, depth and thickness of Floor Plate at mid-line for 2/3 length amidships																											
in way of Engine and Boiler Spaces																											
thickness at the ends of vessel																											
depth at 2/3 the half breadth, as per Rule																											
height extended at the Bilges																											
RS in Cell, Double Bottoms																											
state if flanged (top & bottom)																											
Spacing of Solid floors																											
REGIRDER, in Dbl. bottom, dpth. & thcknss.																											
" Angles, Top																											
" " Bottom																											
" " to Floors																											
Brackets at intermdt. frmg., width & thkness																											
GIRDERS, number on each side & thickness																											
" state if flanged (top and bottom)																											
" Angles (top and bottom)																											
" " to Floors																											
IN PLATE, depth (exclusive of flange) and thickness																											
" Angle to Outside Plating																											
" " Floors																											
Brackets at intermdt. frmg., width & thkness																											
Height of Outside Brackets above at bilge																											
BOTTOM PLATING, breadth and thickness of Middle Line Strake																											
" " in Engine and Boiler space																											
" " Remainder in Holds																											
Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel																											
In way of Long Bridge																											
Spacing																											
Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel																											
Spacing																											
Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel																											
Angles on upper edge																											
Spacing																											
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel																											
Angles on upper edge																											
Spacing																											
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel																											
Angles on upper edge																											
Spacing																											
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel																											
Angles on upper edge																											
Spacing																											
</																											

If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.



[illegible]

EQUIPMENT NO. 25362										ANCHORS.										Tonnage U.K. OR PLATING No. FOR TRAWLERS									
Number of Certificate.		Anchors.		WEIGHT, EX STOCK		WEIGHT OF STOCK		TEST, PER CERTIFICATE.		WEIGHT REQUIRED BY TABLE 31.		Description of Anchor.		Makers.		Where and when tested and Superintendent.													
		Owts.	Lbs.	Owts.	Lbs.	Tons.	Owts.	qrs.	Lbs.	Owts.	qrs.	Lbs.																	
24642	1st Bower ...	53	0	4						48	3	0	Bolted Anchor	Bolted anchor by Charles P.H. A. Bureau, F.S.	16/9/19														
25036	2nd " "	52	0	1	"					48	3	0	"	"	16/9/19														
1305	3rd " "	44	0	2	"					41	2	0	NATIONAL	Charles Hestley & Co. Ltd., L.L.O.D.S. C. Clapham	11/1/19														
	4th " "																												
	Collective weight.	149	0	7						139	0	0																	
24871	Stream .....	19	2	16	"					170	1	0	Bolted Anchor	Bolted anchor by Charles P.H. A. Bureau, F.S.	11/1/19														
24736	Kedge .....	8	2	23	"					7	0	2	"	"	11/1/19														

  

Particulars of Drop Test of Cast Steel Anchors, viz. — Weight, Surveyor's Initials, Number of Certificate, Date of Test.										CHAIN CABLES.										HAWSERS AND WARPS.									
		Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and Size per Table 31.		Description.		Makers of Cables.		Where and when tested, and Superintendent.		Material.		Length and size supplied.		Breaking Test of Steel Wire Towline.		Length and Size per Table 31.							
		Feet.	Inch.	Stk.	Brkng.	Supplied.	Per Rule.	Feet.	Diam.	Feet.	Diam.							Feet.	Inch.	Tons.	Falcons.	Inch.							
2452	1st Bower	270	2	72	100%	5 1/4 x 0.22	5 1/4 x 0.20	270	2	Shelton U.S. Gun Co.	Shelton U.S. Gun Co.	Shelton U.S. Gun Co.	Shelton U.S. Gun Co.	Shelton U.S. Gun Co.	Shelton U.S. Gun Co.	Shelton U.S. Gun Co.	Shelton U.S. Gun Co.	270	2	120	14 1/2	42 1/2	120	14 1/2					
	2nd "																												
	3rd "																												
	4th "																												

  

Boats										Steering Gear, Steam										Steering Gear, Hand									
Pumps, Number		Windlass is a		Engine Room Skylights.		Coal Bunker Openings.		Number of Scupperns.		Ceiling in Holds.		Cargo Hatchways.		State size No. 1 Hatch (Forward)		No. 2 Hatch		No. 3 Hatch		No. 4 Hatch		Main Rail, material and size		No. of Crutches					
Two lifeboats.	one dinghy.	No deck pumps	Steam Windlass suitable for the vessel	How constructed? Steel coverings	How constructed? Steel coverings	Freeing Ports, &c. 3"	How constructed? Steel coverings	12 freeing ports 4-0 x 1-9"	3" pine laid on 3" battens	Cargo Battens, thickness and material 2" pine	24-9 x 18-0"	29-3 x 18-0"	29-3 x 18-0"	24-9 x 18-0"	Steel plating 4-0 high	Butt angle 7 x 3 x 1/2	deft floor.												

The foregoing is a correct description.

Builder's Signature (here enter) *Geo. A. Anthony* SUPERINTENDING ENGINEER

Surveyor's Signature *John Mac Lachlan* Surveyor to Lloyd's Register of Shipping.

Correspondence.—State date and initials of letters respecting this case (Reference should be made in any correspondence connected with the case) 1917 Sept 4<sup>th</sup>  
 V.C.P. and 12. 10-4-26 27 28. Dec 4 and 10 1918 January 4 and 10 March 15 1920 May 19<sup>th</sup>

Workmanship. Are the butts of plating planed or otherwise fitted? Overlapped butts. Sheered edges.

Is the riveted work properly closed? Yes

Are the liners between the frames and plates solid angle pieces? Yes

to plate, &c., conform well to each other? Yes

all punched from one side being small from the laying surfaces. Reamed and Re Cor.

Do the holes for riveting plate to frames, butt straps, or plate are the rivet holes well and sufficiently countersunk in the plate and punched? No

Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Yes State results of tests Satisfactory

Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? Yes State results of tests Satisfactory

General Remarks (State quality of workmanship, &c.) This vessel has been built in accordance with approved plans letter of the above dates, and in other respects in accordance with the rules. The Workmanship and Material is good Electric light has been fitted and the inner bottom tanks and after peak tank has been fitted for oil fuel of a flash point above 150°F Section 49 of the rules has been complied with.

I, *J. E. Rep't*, do hereby certify that the above particulars are true and correct.

The Surveyor should state the Number of Report and Name of any Sister Vessel.  
 Plans to be forwarded with F.E. Report showing vessel as built.

Amended fee (applies from)  
 The amount of Entry Fee £ XX 443/3  
 Special Survey Fee... £ XXX :  
 Travelling Expenses, if any £ X :

Fees applied for, 1/1/19  
 Received by me, 4/2/19

Certificate to be sent to  
 Date of issue 14.10.20

I am of opinion this Vessel should be Classed 100 FT fitted for oil fuel Without

With, or without Freeboard, as condition of Class

Committee's Minute  
 Character assigned note:- CP  
 Sp. G. R.  
 Elec Lt  
 W.D. Shs

New York SEP 14 1920  
 + 100 ft  
 + km 6.8.20 subject  
 fitted for oil fuel 8.20  
 2. Cabas 150°2

John Mac Lachlan  
 Surveyor to Lloyd's Register of Shipping



GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 30 ft., R.Q.D. ☒ ft., Bridge 90 ft., Forecastle 35 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as should appear in the Register Book) 1st Stl partial deck in No 1 and 4 holds.

Official No. 220609; Signal Letters M.B.L.G.

State if Machinery is fitted aft

How are the surfaces preserved from oxidation? Inside Cement and paint. No Cement in oil tanks Outside paints

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors Cellular system

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<u>81</u>	<u>214</u>	Fore peak tank,	<u>16</u>	<u>111</u>
Double bottom, under Engines and Boilers,	<u>38</u>	<u>153</u>	After peak tank,	<u>16</u>	<u>69</u>
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	<u>132</u>	<u>458</u>	Other tanks, if fitted,		
	Total capacity of double bottom	<u>827</u>	(If necessary, furnish further information by sketch.)		

\* The wells are not to be included in the lengths of the tanks.

State whether the above have been tested as required by the Rules

yes

Order for Special Survey No. 47

Date 1 Feb/20

No. 1214 in builder's yard.

DATES OF SURVEYS held while building

1919 Dec 10. 15. 18. 22. 27 1920 Jan 26. 27. 28. 29. 30. 31 Mar 1. 3. 4. 5. 7. 29. 30 Apr 27. 30 May 1. 5. 11. 12. 14. 15. 17. 18. 19. 20. 21. 22. 24. 26. 27. 28 July 6 Aug 7. 12

Surveyor's Signature

John Mac Ischlan

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Total No. of Visits 39

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