

Rpt. 1.

STEEL STEAMER or MOTORSHIP.

Received at London Office 22 JAN 1925

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 21st Jan. 1925 Port of Hull
Survey held at Goole & Hull Date First Survey 29.4-24 Last Survey 21st Jan 1925
On the SINGLE SCREW. ABEILLE N°19 State Type of Erections flush deck.
State Type Full Scantling Built at GOOLE
TONNAGE under Tonnage Deck... 124.93 CLASS +100A-1. for towing purposes State if with freeboard as condition of Class No
Do. of space or spaces between Tonnage Dk. and Upper Dk. 124.93 Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) 80
Total 124.93 Breadth (greatest moulded) 22
Gross Tonnage 124.93 Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) 12.25
Net Tonnage 3.41 1st Longitudinal Number (B+D) 34.25 Owners Co de Remorq. & de Sauvetage des Abeilles
REGISTERED DIMENSIONS. FEET. 2nd Numerical L x (B + D) 2440 Managers (Where necessary to be entered in Reg. Book.)
Length 80 Framing Depth "d," at middle of length. See Sec. 3 (1d) 10.96 Residence Goole
Breadth 22.1 Proportions—Depth to Length—Uppermost continuous deck to top of keel 6.53 Port of Registry Havre
Depth 11.65 Draught Moulded ✓ 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.
FRAMES, Spacing amidships	21	✓	Bracket Floors, Frame	✓
" " from 1/4 length to Collision bulkhead	21	✓	" " Reversed Frame	✓
" " in peaks	21	✓	" " Vertical Struts	✓
FRAMING.			Centre Girder, depth and thickness amidships	✓
Frame Amidships, Angle, <u>U.D.</u>	4 3 38	✓	" " top Angles	✓
" " Extends up to	U.D.	✓	" " bottom Angles	✓
Reversed Frame Amidships, Angle	2 1/2 2 1/2 28	✓	Side Girders, No. each side and thickness	✓
" " Extends up to	across floor	✓	Margin Plate depth (excl. of flange) and thickness	✓
Depth of Framing Girder	4"	✓	" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	✓
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	✓	✓	" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem	✓
" " Second 'tween Decks, Angle, [or]	✓	✓	" " Gussets, spacing and scantling abaft 1/4 len. from stem	✓
" " Third " " "	✓	✓	" " Gussets, spacing and scantling forward 1/4 len. from stem	✓
Framing in Peaks, Angle	4 3 38	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	✓
Diameter and Spacing of Rivets through Shell Plating	3/4, 5/4	✓	INNER BOTTOM PLATING.	
State if Frame Joggled	not joggled	✓	Breadth and thickness of Middle Line Strake	✓
STRENGTHENING ARRANGEMENTS (Sec. 7), state system and particulars	tug, fine ends cabin flat	✓	Thickness of remainder in Holds	✓
STRENGTHENING OF BOTTOM FORWARD. State Particulars	fine ends	✓	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?	✓
DOUBLE BOTTOM.			BEAMS.	
Floors, Depth and thickness at mid-line in Holds	15" x 30	✓	Uppermost Continuous Deck, amidships in Wells, Angle, <u>U.D.</u>	4 3 30
Height of Brackets at side above base line at toe of frame	no brkts.	✓	" " in way of Bridge, Angle, [or]	✓
Middle Line Keelson, on Floors, Angle, <u>double</u>	6 3 46	✓	Spacing	21"
" " Through Plate or Intercoastal Plate	✓	✓	Second Deck, amidships, Angle, [or]	✓
" " Foundation Plate on Floors	✓	✓	Spacing	✓
" " Flat Plate Keel Angles	✓	✓	Third Deck, amidships, Angle, [or]	✓
Side Keelsons, No. each side	one	✓	Spacing	✓
" " thickness of Intercoastal Plate	none	✓	Fourth Deck, amidships, Angle, [or]	✓
" " Angle <u>single</u>	5 4 40	✓	Spacing	✓
DE STRINGER	5 4 40	✓	Poop Deck, Angle, [or]	✓
DOUBLE BOTTOM.			Spacing	✓
Solid Floors, thickness and spacing	✓	✓	Bridge Deck, Angle, [or]	✓
" " Are Frame and Reversed Frame joggled?	✓	✓	Spacing	✓
Bracket Floors, breadth and thickness at middle line	✓	✓	Forecastle Deck, Angle, [or]	✓
" " breadth and thickness at margin plate	✓	✓	Spacing	✓

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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.....	<i>one</i>			Stringer Plate, breadth and thickness in way of Bridge	✓		
„ in 'tween Decks, Size and Spacing.....	✓			Thickness of Plating abreast Deck openings in way of Wells	✓		
„ „ „ „ „	✓			Thickness of Plating abreast Deck openings in way of Bridge	✓		
„ in Holds „ „	<i>2 1/2"</i>			If Sheathed, material and thickness	✓		
„ „ „ „ „	✓			Third Deck.			
Centre Line Bulkhead.				Stringer Plate, breadth and thickness.....	✓		
Stiffeners and Spacing.....	✓			If Plated, state thickness.....	✓		
Plating, thickness of	✓			Fourth Deck.			
STRINGERS AND DECKS.				Stringer Plate, breadth and thickness.....	✓		
Uppermost Continuous Deck.				If Plated, state thickness	✓		
Stringer Plate, breadth and thickness in Wells	<i>56 x 26</i>			Poop Deck.			
„ „ „ „ in way of Bridge	<i>(chequered)</i>			Stringer Plate, breadth and thickness	✓		
„ Angle in Wells	<i>3 3 30</i>			Plating, Sheathing, material and thickness ...	✓		
Thickness of Plating abreast Deck openings in way of Wells	<i>incl in 8 1/2</i>			Bridge Deck.			
Thickness of Plating abreast Deck openings in way of Bridge	✓			Stringer Plate, breadth and thickness.....	✓		
If Sheathed, material and thickness	✓			Plating, Sheathing, material and thickness ...	✓		
Second Deck.				Forecastle Deck.			
Stringer Plate, breadth and thickness in Wells...	✓			Stringer Plate, breadth and thickness.....	✓		
				Plating, Sheathing, material and thickness ...	✓		

SHELL PLATING.

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.		STRAPPED 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	<i>Bar keel.</i>											
GARBOARD	<i>32</i>	<i>38</i>	<i>34</i>	<i>34</i>		<i>double</i>	<i>3/4</i>	<i>3</i>	<i>double</i>	<i>3/4</i>	<i>2 5/8</i>	
„ <i>Base (if any)</i>						<i>single</i>	<i>3/4</i>	<i>3</i>	<i>double</i>	<i>3/4</i>	<i>2 5/8</i>	<i>lapped</i>
BOTTOM PLATING, No. of Strakes ... <i>two</i>	<i>31</i>	<i>29</i>	<i>29</i>			<i>single</i>	<i>3/4</i>	<i>3</i>	<i>double</i>	<i>3/4</i>	<i>2 5/8</i>	<i>lapped</i>
BILGE PLATING, No. of Strakes ... <i>one</i>	<i>31</i>	<i>29</i>	<i>29</i>			<i>single</i>	<i>3/4</i>	<i>3</i>	<i>double</i>	<i>3/4</i>	<i>2 5/8</i>	<i>lapped</i>
SIDE PLATING, No. of Strakes	<i>Sheerstrake and strake below Sheerstrake only.</i>											
UPPER DECK, Sheer-strake in Wells.....	<i>32</i>	<i>34</i>	<i>30</i>	<i>30</i>		<i>double</i>	<i>3/4</i>	<i>3</i>	<i>double</i>	<i>3/4</i>	<i>2 5/8</i>	<i>lapped</i>
UPPER DECK, Sheer-strake in Bridge ...	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
STRAKE BELOW Sheer-strake in Wells.....	<i>31</i>	<i>29</i>	<i>29</i>			<i>single</i>	<i>3/4</i>	<i>3</i>	<i>double</i>	<i>3/4</i>	<i>2 5/8</i>	<i>lapped</i>
STRAKE BELOW Sheer-strake in Bridge ...	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
POOP SIDE PLATING	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
BRIDGE SIDE PLATING ...	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
FORECASTLE SIDE PLATING	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	
Extending to Upper Deck (Sec. 3 c)	<i>three</i>
„ Deck next below	✓
As per Rule	<i>three</i>

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	<i>Roller</i>	<i>6 1/2 x 1 1/4</i>	<i>Hickman</i>	<i>6 1/2 x 1 1/4</i>
STEM	<i>Roller</i>	<i>6 x 1 3/8</i>	<i>Hickman</i>	
STERN FRAME { Propeller Post	<i>forged</i>	<i>6 x 3 1/4</i>	<i>Cleland</i>	<i>Rule 5 1/2 x 2 1/2</i>
{ Rudder „	<i>forged</i>	<i>6 x 3 1/4</i>	<i>„</i>	<i>5 1/2 x 2 1/2</i>
RUDDER—A x D	<i>61 x 85</i>			
Speed of Vessel	<i>12 knots</i>			
RUDDER mainpiece at head ...		<i>4 1/4</i>	<i>Cleland</i>	
„ „ heel ...		<i>3 1/4</i>		
„ how constructed	<i>forged & built</i>			
„ double or single plate	<i>yes</i>			
„ coupling, vertical or horizontal	<i>yes</i>			

STEEL.

MIDSHIP BULKHEAD, Tween decks...									
„ „ „									
„ „ „									
„ „ „									
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„ „ „									
„ „ „									
„ „ „									
„ „ „									
COLLISION „ (in Hold)	<i>30-26</i>	<i>4 1/2 x 3 1/2</i>	<i>30</i>	<i>calm flat</i>					
AFTER PEAK „ „	<i>30-26</i>	<i>4 1/2 x 3 1/2</i>	<i>30</i>	<i>calm flat</i>					

Manufacturer's name or trade mark of the Steel used in the construction of the

Vessel (state process of manufacture) *open heart steel**South Durham & Cargo Fleet*Has the Steel been tested as required by the Rules? *Yes*

EQUIPMENT No. 2740										LETTER	ANCHORS.					
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.	
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.				
399 42	1st Bower ...	5	0	14	stack	up		7	9	2	21	-	5	Britannic	Sykes	Cradley H. 20' 6/12 Paul
399 43	2nd „ ...	4	3	18	stack	up		4	5	0	0	-	5	"	"	" 20' 6/12 Paul
	3rd „ ...															
	Collective weight.	10	0	4									10			
	Stream															

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.	Diam.					Length.	Cir.		Tons.	Length.
44524	60	7/8	13 3/8	20-220	25	1 1/16	-	23 1/2	60	1 1/16	stack	not stated	Reliance Ltd 18/10/25	TOWLINE...	60	5 1/2	11 1/2	60	5 1/2
														HAWSERS & WARPS }	60	3	11 1/2	60	3"
Iron Stream Chain or Steel Wire }		Cir.								Cir.				"					
														"					

Steering Gear, Steam	yes	efficient	Steering Gear, Hand	yes	efficient
Boats	two	Steering Chains, Size and Test	3/4"	Windlass	steam, efficient
Ceiling in Holds, thickness and material	cabin flats	Cargo Battens, thickness, material and spacing	cabins accommodation		
Cargo Hatchways.—(Upper Deck)	none	Thickness of Hatches			
Size of No. 1 Hatchway (Forward)	✓	No. 2	✓	No. 3	✓
		No. 4	✓	No. 5	✓
		No. 6	✓		
Number of Shifting Beams and/or Fore and Afters	✓				

FOR THE COOLE SHIPBUILDING & REPAIRING CO., LTD.

Builder's Signature

JOINT MANAGING DIRECTOR.

GENERAL DECLARATION

This vessel has been built in accordance with the approved plans and instructions received and in conformity with the Rules for the class contemplated. — The material and workmanship are satisfactory. —

No foreboard has been marked on vessel's side. —

The forward and after peak tanks have been tested under water pressure to Rule requirements and found satisfactory. — The weather decks and bulkheads have been tested by hosing as required by the Rules —

Steering gear chain taken from stock. — Stock ordered before test certificate required. —

Two interim certificates issued, copies attached. —

The amount of Entry Fee	£ 2 : 0 : 0	Fees applied for,	15-1-1925
Special Survey Fee....	£ 20 : 0 : 0	Received by me,	MR
Travelling Expenses, if any	£ 1 : 0 : 6		17/1-1925

I am of opinion the Vessel should be Classed + 100 A-1 for towing purposes

State whether the Vessel has been built under Special Survey Yes
Certificate to be sent to Hull Study Date of issue 23/1/25

Signature Wm Balfour.
Surveyor to Lloyd's Register of Shipping.

Committee's Minute

FRI. 23 JAN 1925

Character assigned

100A1
for towing purposes

Lloyd's 206.0

- Ltr 6.1.25
C.L.

Miss Huxl.

MR



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Lloyd's Register
Foundation

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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.)

Plans enclosed :- Midship Section (blue print) Profile + Deck (blue print) 2
Midship Section + Profile + Deck on tracing cloth cancelled 2
Rudder + stem frame, pumping 2 6
2 forging reports. enclosed
Steel mooring test sheets enclosed.

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

1st Bower 38-08 740s D.D.W 06214 29/1/24
2nd „ 30-09 740s - 800 W 6215 29/1/24
3rd „

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

No. and Material of Decks and No. of tiers of Beams (this information is to be given as it should appear in the Register Book)

one deck steel

If bottom of Vessel has been coated Inside. Yes

Official No. ; Signal Letters
particulars of composition paint and cement

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	✓		Fore peak tank,	65	6
Double bottom, under Engines and Boilers,	✓		After peak tank,	9	15 1/2
Double bottom, if under Engines only,	✓		Deep tank, aft,	✓	
Double bottom, if under Boilers only,	✓		Deep tank, forward,	✓	
Double bottom, forward,	✓		Other tanks, if fitted,		
Total capacity of double bottom			(If necessary, furnish further information by sketch.)		

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

Order for Special Survey No. 2781

Date 4/6/24

Dates of Surveys held while building

1924 :- Apr 29, May 26, Jun 25, 30, Jul 9, 18, 23, 27, Aug 14, Sep 4, 19
Oct 9, 31, Nov 7, 17, 18, Dec 5, 1925. Jan 8, 14, 1921.



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Total No. of Visits 21