

RETAIN

STEEL STEAMER or MOTORSHIP.

23 DEC 1935

Received at London Office

State if Report has been sent on the Freeboard of the Vessel *yes*

State if Report is sent on the Machinery of the Vessel *yes*

Date of completion of report *20th December 1935*

Port of *Leith*

No. *18977*

Survey held at *Burntisland*

Date First Survey *29th May 1935*

Last Survey *14th December 1935*

On the (State if Machinery fitted Aft and

Full Single Screw Steamer "CORBRAE" machinery aft.

State Type (Full Scantling, Complete Superstructure

Full Scantling.

State Type of Erections *RQD^{1/2} Foll^{1/2}*

TONNAGE under 1339.00 Tonnage Deck...

CLASS *+100A1.*

State if with freeboard as condition of Class *no*

Built at *Burntisland*

Do. of space or spaces between Tonnage Dk. and Upper Dk.

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) *L 256.65*

Launched *12th October 1935* Yard No. *191*

Total *1339.00*

Breadth (greatest moulded) *B 39.25*

Builders *The Burntisland S.B.C. & L.*

Gross Tonnage *1788.10*

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 18.75*

Owners *Wm Cory & Son Ltd.*

Register Tonnage *1004.58*

1st Longitudinal Number (L x D) *= 4812*

Managers *✓*

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

2nd Numeral L x (B + D) *= 14886*

REGISTERED DIMENSIONS. FEET.

Length *257.00*

Framing Depth "d," at middle of length. See Sec. 3 (1d) *15.92 upper 20.42 RQD^{1/2}*

Residence *London*

Breadth *39.50*

Proportions—Depth to Length—Uppermost continuous deck to top of keel *13.69 upper 11.04 RQD^{1/2}*

Port of Registry *London*

Depth *18.75*

Do. Long Bridge to top of keel *11.04 RQD^{1/2}*

If surveyed while building, afloat, or in dry dock

Draught Moulded *17'-2 3/8"*

while 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 <i>27</i>			Bracket Floors, Frame <i>✓</i>		
<i>3/5 length to frame No 102</i>	<i>27</i>		" " Reversed Frame <i>✓</i>		
<i>from 3/5 length to Collision bulkhead</i>			" " Vertical Struts <i>✓</i>		
<i>Frame No 102 to Collision Bulkhead</i>	<i>23 1/2</i>		Centre Girder, depth and thickness amidships <i>33 1/2 43</i>		<i>approved 41</i>
<i>" " in peaks</i>			" " top Angles <i>3 3 39</i>		<i>Double 37</i>
SIDE FRAMING.			" " bottom Angles <i>3 1/2 3 1/2 43</i>		<i>Double 41</i>
Frame Amidships, Angle <i>8 1/2 3 45</i>			Side Girders, No. each side and thickness <i>one 5 1/2 x 3 x 36</i>		<i>Top 32 Bot 32</i>
" " Extends up to <i>deck</i>			Margin Plate <i>BREADTH</i>		
Reversed Frame Amidships, Angle <i>✓</i>			depth (excl. of flange) and thickness <i>38 39</i>		<i>BS</i>
" " Extends up to <i>✓</i>			" TOP Vertical Angle to Tank side <i>3 3 32</i>		<i>Angle</i>
Depth of Framing Girder <i>8 1/2</i>			Bracket abaft 1/2 len. from stem <i>5 3 37</i>		<i>Angle</i>
Frames in Uppermost Continuous 'tween Decks, Angle, [or] <i>✓</i>			" TOP Vertical Angle to Tank side <i>5 3 37</i>		<i>Angle</i>
" " Second 'tween Decks, Angle, [or] <i>✓</i>			Bracket forward 1/2 len. from stem <i>none</i>		
" " Third " " " " <i>✓</i>			Gussets, spacing and scantling abaft 1/2 len. from stem <i>✓</i>		
Framing in Peaks, Angle or [<i>5 1/2 3 36</i>			Gussets, spacing and scantling forward 1/2 len. from stem <i>✓</i>		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships <i>3 dia 7/8" apart etc.</i>			Tank Side Brackets, height above base line at toe of Frame and thickness <i>64 39 49 BS 37</i>		<i>Upper 32</i>
State if Frame Joggled <i>yes</i>			INNER BOTTOM PLATING.		
PANTING ARRANGEMENTS (Sec. 7), state system and particulars <i>Shull increased .06</i>			Breadth and thickness of Middle Line Strake <i>Through out .50</i>		
<i>for 8'-0" abaft Collision Bulkhead</i>			Thickness of remainder in Holds <i>Through out .50</i>		
<i>Frames 9 x 3 1/2 x 59 at 27" spacing</i>			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? <i>yes</i>		
STRENGTHENING OF BOTTOM FOR WARD. State Particulars <i>Intermediate frames 15 x 3 x 30 L</i>			BEAMS. <i>RQD^{1/2} 1/2 beams</i>		
<i>on full depth girder, and up to intermediate frames</i>			Uppermost Continuous Deck, amidships <i>4 3 34</i>		
SINGLE BOTTOM.			" " in Wells, Angle, <i>[or]</i> <i>✓</i>		
Floors, Depth and thickness at mid-line in Holds <i>✓</i>			" " in way of Bridge, Angle, <i>[or]</i> <i>✓</i>		
Height of Brackets at side above base line at toe of frame <i>✓</i>			Spacing <i>every frame</i>		
Middle Line Keelson, on Floors, Angles, [or] <i>✓</i>			Second Deck, amidships, Angle, [or] <i>✓</i>		
" " Through Plate or Intercoastal Plate <i>✓</i>			Spacing <i>✓</i>		
" " Foundation Plate on Floors <i>✓</i>			Third Deck, amidships, Angle, [or] <i>✓</i>		
" " Flat Plate Keel Angles <i>✓</i>			Spacing <i>✓</i>		
Side Keelsons, No. each side <i>✓</i>			Fourth Deck, amidships, Angle, [or] <i>✓</i>		
" " thickness of Intercoastal Plate <i>✓</i>			Spacing <i>✓</i>		
" " Angles <i>✓</i>			Poop Deck, Angle, [or] <i>✓</i>		
DOUBLE BOTTOM.			Spacing <i>✓</i>		
Solid Floors, thickness and spacing <i>34 at 27" spacing 32 at 23 1/2 43 BS</i>			Bridge Deck, Angle, [or] <i>✓</i>		
" " Are Frame and Reversed Frame joggled? <i>yes</i>			Spacing <i>✓</i>		
Bracket Floors, breadth and thickness at middle line <i>none</i>			Forecastle Deck, Angle, [or] <i>5 1/2 3 31 65 3 25</i>		
" " breadth and thickness at margin plate <i>✓</i>			Spacing <i>every frame</i>		

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		
" 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 " "			Thickness of Plating within line of openings...	.32 15 .30	/
" " " " "			If Sheathed, material and thickness	no	/
Centre Line Bulkhead.			Third Deck.		
Stiffeners and Spacing.....			Stringer Plate, breadth and thickness.....		
Plating, thickness of			If Plated, state thickness.....		
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck. RQD¹⁴			Stringer Plate, breadth and thickness.....		
Stringer Plate, breadth and thickness in Wells	70 1/2 6 .36	amidship at aft end.	If Plated, state thickness		
" " " " in way of Bridge			Poop Deck.		
" Angle in Wells	amidship 5 5 .50		Stringer Plate, breadth and thickness		
Thickness of Plating abreast Deck openings in way of Wells	to 3 1/2 3 1/2 .36		Plating, Sheathing, material and thickness ...		
Thickness of Plating abreast Deck openings in way of Bridge	Stringer only		Bridge Deck.		
Thickness of Plating within line of openings...	.32 6 .30	/	Stringer Plate, breadth and thickness.....		
If Sheathed, material and thickness	no	/	Plating, Sheathing, material and thickness ...		
Second Deck. Upper D¹⁴			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells...	72 6 .61	at fore end	Stringer Plate, breadth and thickness.....	.30	.40 below windlass
			Plating, Sheathing, material and thickness	Sheathed at windlass only	

SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged?			BUTTS.		
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.	
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing or to cr.		Diam.	Spacing or to cr.
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.
FLAT PLATE KEEL	61	.54	.50	.50	/	Double	3/4	3	Treble	7/8	3 1/8
" DBLG. (if any)											Lapped
BOTTOM PLATING, No. of Strakes ..2.....	75 1/2	.53	.57	.38	Bottom plating is +.05 above approved thickness	"	"	"	"	3/4	2 5/8
BILGE PLATING, No. of Strakes ..1.....	75 1/2	.53	.44	.44		"	"	"	"	"	"
SIDE PLATING, No. of Strakes ..3.....	75 1/2	.48	.58	.38		"	"	"	"	"	"
UPPER DECK, Sheer-strake in Wells.....	58 1/4	.50	.38	.38		"	"	"	"	"	"
UPPER DECK, Sheer-strake in Bridge ...	74 1/4	.61	.38	—		"	"	"	"	"	"
STRAKE BELOW Sheer-strake in Wells.....											
STRAKE BELOW Sheer-strake in Bridge ...											
POOP SIDE PLATING											
BRIDGE SIDE PLATING ...											
FORECASTLE SIDE PLATING			.32		/	Single	3/4	3	Single	3/4	2 5/8

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	
Extending to Upper Deck (Sec. 3 c)	5 See other
" Deck next below	3 + 2 MT Bldgs = 3 + 1 = 4
As per Rule	4

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper between decks					
Frame No. 31	.35	8 x 3 x 36	36"	6 x 3 x 36	36"
" Second	.48	10 x 3 x 36	36"	6 x 3 x 36	36"
" Third	.63	10 x 3 x 36	36"	6 x 3 x 36	36"
" Holds	.67	"	"	"	"
COLLISION (in Hold)	10.6	49.35	8 x 3 x 44	WT Flat	
AFTER PEAK	6	.65	.35	Taper plan	

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar				
STEM	Roller bar	7 1/2 x 1 1/8		
STERN FRAME { Propeller Post	8'8" x 5'4"		Hobbsingham & Co	
{ Rudder	Stream lined as per plan			
RUDDER—A x D	160			
Speed of Vessel	10	Knots		
RUDDER mainpiece at head ...	6 1/2 x 6		T.S. Forster & Co	
heel ...	3 1/2 x 6			
how constructed	Forging, mainpiece & 4 arms			
double or single plate	double			
coupling, vertical or horizontal	Vertical			

STEEL.

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

The Steel Company of Scotland Ltd. The Lanarkshire Steel Co. Ltd. Cargo Fleet Iron Co. Ltd. (ON)

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

EQUIPMENT No. 15933													LETTER Q	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.				
48706	1st Bower ...	35	7	18	✓			32	13	0	14	35	Britannia	Richd Spence	Don't leadly Heath 3/10/35 L.P.	
48353	2nd „ ...	30	2	21	✓	✓		29	3	3	0	31	“	“	“ “ 4/7/35 “	
48243	3rd „ ...	28	1	7	✓			27	8	0	14	28	“	“	“ “ 4/7/35 “	
	Collective weight.	94	1	18								94	✓			
48712	Stream	8	2	0	2	0	22	10	17	2	0	8½	Ordinary	—	“ “ 9/10/35 “	

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.	Cir.		Length.	Cir.
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.
51753	240	1 1/2	5 1/4	7 1/4	349	0	14	344 3/4	240	1 1/2	Stud Richd Spence	Don't leadly Heath 6/9/35 W.V.N.	TOWLINE...	90	3 1/2	25.7	90	3 1/2	
													HAWSERS & WARPS	2 @ 90	2 1/4	10.8	90	2 1/4	
														2 @ 90	2 1/2	13.2	90	1 3/4	

Steering Gear, Steam **Don't leadly** (Hobson-Pirie type) Steering Gear, Hand **Releasing Tachometer**
 Boats **2 at 20**; Steering Chains, Size and Test **— Tachometer control** Windlass **Emerson** **Waltham 1 1/2**
 Ceiling in Holds, thickness and material **at bulges only 2 1/2" W.W.** Cargo Battens, thickness, material and spacing **none**
 Cargo Hatchways.—(Upper Deck) **Steel plates angles (upward 1/4") (RQD 1/4")** Thickness of Hatches **3"**
 Size of No. 1 Hatchway (Forward) **25' x 25'** No. 2 **38' x 27'** No. 3 **35' 6" x 27'** No. 4 **18' 6" x 27'** No. 5 **—** No. 6 **—**
 Number of Shifting Beams and/or Fore and Afters **N°1 Thin, N°2, fine, N°3 fine, N°4 thin.**

FOR THE BURNISLAND SHIPBUILDING COMPANY LTD.

Builder's Signature

MANAGING DIRECTOR

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

This Vessel has been built in accordance with the approved plans and in general conformity with the Rules. The material & workmanship are good. The weather decks, the double bottom tanks, the deep tank, the fore and after peak tanks, and the bulkheads, have been tested in accordance with the Rule requirements with satisfactory results. The steering gear, the windlass and the hand pump have been run in good working order. The steel plating to the stem frame is of Rule minimum thickness.

The following plans are forwarded herewith:—Midship Section: Profile & Decks.—Profile & Decks (modification in way of coal bunker), Modification to Profile & Deck: Arrangement of Fore & Aft Tanks & Girders discharging with shell connections.

The amount of Entry Fee £ **5 : 0 : 0** Fees applied for, **21-12-1935**
 Special Survey Fee £ **164 : 8 : 0** Received by me, **3-2 1936**
 Travelling Expenses, if any £ **2 : 8 : 0** **5/2**
Freight 11 0 0

I am of opinion the Vessel should be Classed **+100A.1.**

State whether the Vessel has been built under Special Survey **yes**

Signature

Evan Edwards
 Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to **Hull & Leds**

Date of issue **5/2/36**

Committee's Minute

FRI. 8 JAN 1936

Character assigned

+100A.1

Large battens not fitted + Limb 12.35
Lloyd's arch. C.L. O.G.



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Lloyd's Register
 Foundation

0221 2/2

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.)

Reed and Stem Frame.—Pushing Plan.—Also two reports on castings, and two on forgings.

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

1st Bower	22-1-12	RL	3936	13-9-35
2nd "	18-2-21	NS	786	19-7-34
3rd "	16-3-16	NS	787	19-7-34

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. 150 ft., Bridge ✓ ft., Forecastle 24.5 ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ✓

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

10" (steel)

Official No. 164555; Signal Letters ✓

Is bottom of Vessel coated with cement yno if not give

particulars of composition

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,	21.8	158
Double bottom, under Engines and Boilers,			After peak tank,	11.75	21
Double bottom, if under Engines only, N ^o 5	21.6	33	Deep tank, aft,		
Double bottom, if under Boilers only, N ^o 4	15.7	24	Deep tank, forward,	9.0	166
Double bottom, forward, N ^{os} 1-2-3	176.5	324	Other tanks, if fitted,		
	Total capacity of double bottom	500	(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. 1237

Date

27/5/35

Dates of Surveys
held while building

1935
May 29. June 4. 10. 14. 24. July 1. 9. 11. 29
Aug 1. 5. 9. 15. 20. 23. 27. 29. Sept 10. 18. 24.
Oct 1. 4. 8. 11. 12. 15. 25. Nov 12. 22. 26.
Dec 6. 14.

Total No. of Visits

32