

Rpt. 1.
DISCLOSED
SECTION
No. 476

STEEL STEAMER or MOTORSHIP.

DISCLOSED
Received at London Office FEB 15 1938
SECTION
No. 476

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 9 Feb 1938 Port of NEWCASTLE-ON-TYNE No. 95933
Survey held at NEWCASTLE-ON-TYNE Date First Survey 16 Dec 1936 Last Survey 1 Feb 1938
On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) STEEL SC. M.V. "MYTONGATE" Machinery Aft - Single Screw
State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Full scantlings State Type of Erections POOP, R.R.D. & FLE + BRIDGE ON R.R.D.
TONNAGE under Tonnage Deck... 264.24 CLASS 100 A.I. State if with freeboard as condition of Class No. Built at Willington Quay-on-Tyne
Do. of space or spaces between Tonnage Dk. and Upper Dk. Length 150'-0" Launched January 1st 1938 Yard No. 36
Total Breadth (greatest moulded) 26'-0" Builders CLELAND'S (SUCCESSORS) LTD
Gross Tonnage 410.34 Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 10'-0" Owners THE HULL GATES SHIPPING CO LTD
Register Tonnage 214.48 1st Longitudinal Number (L x D) = 1500 Managers (Where necessary to be entered in Reg. Book.)
2nd Numeral L x (B + D) = 5400 Residence
REGISTERED DIMENSIONS. FEET. Framing Depth "d," at middle of length. See Sec. 3 (1d) 4.66 Port of Registry HULL
Length 155.5 Proportions—Depth to Length—Uppermost continuous deck to top of keel 15.0 If surveyed while building, afloat, or in dry dock
Breadth 26.2 Do. Long Bridge to top of keel 9'9 1/2" While building & afloat
Depth 4.95 Draught Moulded

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 1/2 length to Collision bulkhead	21"	✓	" " Reversed Frame	✓	
" " in peaks	21"	✓	" " Vertical Struts	✓	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	28 x 34	✓
Frame Amidships, <u>4 2 1/2 x 26</u>	✓		" " top Angle <u>SINGLE</u>	2 1/2 x 2 1/2 x 30	DOUBLE FOR 1/2 L ✓
" " Extends up to <u>Upper Deck, R.R.D. & as approved</u>	✓		" " bottom Angle	3 x 3 x 34	do
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness	1 @ 26	✓
" " Extends up to...	✓		Margin Plate depth (excl. of flange) and thickness	18" MINIMUM 30	✓
Depth of Framing Girder	✓		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	2 1/2 x 2 1/2 x 26	✓
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	✓		" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	4 1/2 x 4 1/2 x 26	✓
" " Second 'tween Decks, Angle, [or]	✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem	✓	
" " Third " <u>FORE PEAK</u>	✓		" " Gussets, spacing and scantling forward 1/2 len. from stem	✓	
Framing in Peaks, <u>4 2 1/2 x 38 + 4 1/2 x 26</u>	✓		Tank Side Brackets, height above base line at toe of Frame and thickness	30 x 26	✓
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4" x 5/8" die at 4 dies	✓	INNER BOTTOM PLATING.		
State if Frame Joggled	No. shown joggled on approved plan	✓	Breadth and thickness of Middle Line Strake	38 x 30 to 28	✓
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	SEE SECRETARY'S LETTER DATED 22nd JULY 1934.		Thickness of remainder in Holds	28	✓
STRENGTHENING OF BOTTOM FORWARD. State Particulars	<u>FRAMES 4 x 2 1/2 x 38 A.A. FROM FRAME NO 73 1/2 SIDE STRINGER WITH 15 x 30 BRACKETS FITTED ABOVE & BELOW ON FRAMES NOS 74, 75, 76, 80, 81, 81 1/2 BOTTOM FRAMES 4 1/2 x 4 1/2 x 16 BOTTOM SHELL 35 AND EXTRA SIDE GIRDER</u>	✓	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 where applicable No D.A. IN ENGINE ROOM	✓
SINGLE BOTTOM. IN MACHINERY SPACE			BEAMS. UPPER		
Floors, Depth and thickness at mid line in Holds	32 1/4 x 3/8	✓	Uppermost Continuous Deck, amidships in Wells, Angle, [or]	5 x 2 1/2 x 30 A.A. THROUGH BEAMS	✓
Height of Brackets at side above base line at toe of frame	FLOORS LEVEL AT SIDES OF GIRDERS	✓	" " in way of Bridge, Angle, [or]	4 x 3 x 30 L 1/2 BEAMS	✓
Middle Line Keelson, on Floors, Angles, [or]	✓		Spacing	21	✓
" " Through Plate or Intercoastal Plate	✓		R.R. Second Deck, amidships, Angle, [or]	4 x 2 1/2 x 34 A.A. THROUGH BEAMS	✓
" " Foundation Plate on Floors	✓		4 x 3 x 30 L 1/2 BEAMS		
" " Flat Plate Keel Angles	✓		Spacing		
Side Keelsons, No. each side	1	✓	Third Deck, amidships, Angle, [or]		
" " thickness of <u>CONTINUOUS</u> Intercoastal Plate	1/16	✓	Spacing		
" " Angles	5" 5" .62	✓	Fourth Deck, amidships, Angle, [or]		
DOUBLE BOTTOM.			Spacing		
Solid Floors, thickness and spacing	26 @ 21"	✓	Poop Deck, Angle, [or]	5 x 2 1/2 x 26	✓
" " Are Frame and Reversed Frame joggled?	No	✓	Spacing	42"	✓
Bracket Floors, breadth and thickness at middle line	✓		Bridge Deck, Angle, [or]	4 x 2 1/2 x 26	✓
" " breadth and thickness at margin plate	✓		Spacing	42	✓
			Forecastle Deck, Angle, [or]	4 x 2 1/2 x 32 to 26	✓
			Spacing	21	✓

Plans as per list of one joggling report

DISCLOSED
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No. 476

Lloyd's Register Foundation

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.....							
" in 'tween Decks, Size and Spacing <i>2" ROUND PILLARS IN BRIDGE FILE SPACED 42"</i>			✓	Stringer Plate, breadth and thickness in way of Bridge <i>ENR.</i>	38		✓
" " " " " "				Thickness of Plating abreast Deck openings in way of Wells	✓		
" in Holds <i>AT CENTRE LINE UNDER DOUBLE 6x3x3x32 CHANNELS FORE END OF RRD Y DEEP FRAME BRACKETS SPACED 40" APART</i>			✓	Thickness of Plating abreast Deck openings in way of Bridge	✓		
" " " " " "				Thickness of Plating within line of openings...	25		✓
Centre Line Bulkhead.				If Sheathed, material and thickness	✓		
Stiffeners and Spacing.....			✓	Third Deck.			
Plating, thickness of			✓	Stringer Plate, breadth and thickness.....			
STRINGERS AND DECKS.				If Plated, state thickness.....			
Uppermost Continuous Deck.				Fourth Deck.			
Stringer Plate, breadth and thickness in Wells <i>65 1/2 x 36</i>			✓	Stringer Plate, breadth and thickness.....			
" " " " in way of Bridge <i>R.R.O break</i>			✓	If Plated, state thickness			
" Angle in Wells <i>3 1/2 x 3 1/2 x 36</i>			✓	Poop Deck.			
Thickness of Plating abreast Deck openings in way of Wells			✓	Stringer Plate, breadth and thickness <i>14 x 24</i>			✓
Thickness of Plating abreast Deck openings in way of Bridge			✓	Plating, Sheathing, material and thickness <i>part plated 75 ✓</i>			
Thickness of Plating within line of openings... <i>30 TO 28</i>			✓	" <i>skinned deck 5x2 1/2 op.</i>			
If Sheathed, material and thickness			✓	Bridge Deck.			
Second Deck.				Stringer Plate, breadth and thickness..... <i>26 x 25</i>			✓
Stringer Plate, breadth and thickness in Wells... <i>65 x 32</i>			✓	Plating, Sheathing, material and thickness <i>TIES 9 x 28</i>			✓
				" <i>7 5 x 2 1/2 op.</i>			✓
				Forecastle Deck.			
				Stringer Plate, breadth and thickness.....	26		✓
				Plating, Sheathing, material and thickness...	26		✓

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged? <i>No</i>			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.	
FLAT PLATE KEEL	<i>34</i>	<i>42</i>	<i>42</i>	<i>42</i>	<i>made approved 38</i>	<i>SINGLE</i>	<i>3/4</i>	<i>3</i>	<i>3 to 2</i>	<i>3/4</i>	<i>2 5/8</i>	<i>STRAPPED</i>
„ DBLG. (if any)			✓									
BOTTOM PLATING, No. of Strakes <i>2</i>		<i>32</i>	<i>35</i>	<i>28</i>		<i>SINGLE</i>	<i>5/8</i>	<i>2 5/8</i>	<i>2</i>	<i>5/8</i>	<i>2 1/4</i>	<i>LAPPED</i>
BILGE PLATING, No. of Strakes <i>1</i>		<i>32</i>	<i>28</i>	<i>28</i>		<i>SINGLE</i>	<i>5/8</i>	<i>2 5/8</i>	<i>2</i>	<i>5/8</i>	<i>2 1/4</i>	<i>LAPPED</i>
SIDE PLATING, No. of Strakes <i>1 @ R & D</i>		<i>32</i>		<i>28</i>		<i>SINGLE</i>	<i>5/8</i>	<i>2 5/8</i>	<i>2</i>	<i>5/8</i>	<i>2 1/4</i>	<i>LAPPED</i>
UPPER DECK, Sheer-strake in Wells	<i>45</i>	<i>48</i>	<i>28</i>			<i>SINGLE</i>	<i>3/4</i>	<i>3</i>	<i>3 to 2</i>	<i>3/4</i>	<i>2 5/8</i>	<i>LAPPED</i>
UPPER DECK, Sheer-strake in Bridge ...	<i>43</i>	<i>38</i>		<i>28</i>		<i>SINGLE</i>	<i>3/4</i>	<i>3</i>	<i>2</i>	<i>3/4</i>	<i>2 5/8</i>	<i>LAPPED</i>
STRAKE BELOW Sheer-strake in Wells	<i>43</i>	<i>40</i>	<i>28</i>			<i>SINGLE</i>	<i>3/4</i>	<i>3</i>	<i>3 to 2</i>	<i>3/4</i>	<i>2 5/8</i>	<i>LAPPED</i>
STRAKE BELOW UPPER DECK, Sheer-strake in Bridge ...	<i>45</i>	<i>38</i>		<i>28</i>		<i>SINGLE</i>	<i>3/4</i>	<i>3</i>	<i>2</i>	<i>3/4</i>	<i>2 5/8</i>	<i>LAPPED</i>
POOP SIDE PLATING				<i>25-28</i>		<i>SINGLE</i>	<i>5/8</i>	<i>2 5/8</i>	<i>1</i>	<i>5/8</i>	<i>2 1/4</i>	<i>PART STRAPPED PART LAPPED</i>
BRIDGE SIDE PLATING ...				<i>25-28</i>		<i>SINGLE</i>	<i>5/8</i>	<i>2 5/8</i>	✓			
FOREC'TLE SIDE PLATING			<i>25</i>			<i>SINGLE</i>	<i>5/8</i>	<i>2 1/2</i>	<i>1</i>	<i>5/8</i>	<i>2 1/4</i>	<i>PART STRAPPED PART LAPPED</i>

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—

Extending to Upper Deck (Sec. 3 c) *3* ✓" Deck next below *3* ✓As per Rule *3*

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	FLAT PLATE			✓
STEM	ROLLED BAR	6x1 1/8	DORMAN	✓
STERN FRAME { Propeller Post	FORGED S.I.	5 1/2 x 2 3/4	LYTHAM	✓
{ Rudder	"	5 1/2 x 2 3/4	✓	
Speed of Vessel		10 knots	✓	
RUDDER—Type		BALANCED STREAM LINE		
" A x D				
" Diam. of head	FORGED	3 1/8	LYTHAM	
" Mainpiece at top pintle	"	4 1/8	STEC LTD.	
" " heel ...		3"		
" how constructed	STEEL PLATES	RIVETED TO	FORGED FRAME	
" double or single plate	DOUBLE			
" coupling, vertical or horizontal	HORIZONTAL			

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper tween decks					
" " Second					
" " Third					
" " Holds <i>FR. 21</i>	38-28	6x3x30 BA	24x30	✓	✓
COLLISION	34-30	4x3x34 BA	24		
AFTER PEAK	30	5x3x32 BA	24	OF FLAT	

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *OPEN HEARTH.**MESSRS. DORMAN LONG & CO LTD, SOUTH DURHAM STEEL IRON CO LTD, CONSETT IRON CO LTD, LANARKSHIRE STEEL CO LTD*Has the Steel been tested as required by the Rules? *Yes.* ✓

FEB 15 1938

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EQUIPMENT No										LETTER		ANCHORS.			
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
34092	1st Bower ...	Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	STOCKLESS	W.L. BYERSTEDT	SUNDERLAND 26 th April 1937
34093	2nd „ ...	9	0	4	✓			11	4	2	21	✓	9	“	do do J.N. BUTLER
	3rd „ ...	9	0	4	✓			11	4	2	21	✓	9	“	
	Collective weight.	18	0	21	✓										
49845	Stream	3	0	4	✓	3	6	5	10	0	0	3	IRON STOCK.	✓	CADLEY HEATH 13 th Jan 1937

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.		Tons.	Length.
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.
54215	165	✓ 1	✓ 18	✓ 24	84	1	8	84	✓ 165	✓ 1	STUD LINK		CADLEY HEATH 24/2/37 SC PAUL	TOWLINE...	45	✓ 2½	✓ 13.2	45	✓ 2½
														HAWSERS & WARPS	90	✓ 5½	MANILLA	90	✓ 5½
														"					
Iron Stream Chain or Steel Wire	45	✓ Cir. 2½		✓ 13.2					45	✓ Cir. 2½				"					

Steering Gear, Steam *15.9 x 5.46 x 2.3* ✓ *Steering Gear, Hand Compound hand Steering Gear by Donkins*
 Boats *2 Lifeboats* *15.85 x 5.8 x 2.3* ✓ *Steering Chains, Size and Test* *9 3-15-0-0* ✓ *WINDLASS HAND FRICTION TYPE BY KENNELL & FLOW OF HULL ALSO OPERATED BY MESSENGER CHAIN FROM ELECTRIC WINCH*
 Ceiling in Holds, thickness and material *2 1/2" x 10."* ✓ *Cargo Battens, thickness, material and spacing* *NONE* ✓
 Cargo Hatchways. — (Upper Deck) *steel plates and angles.* ✓ *Thickness of Hatches* *2 1/2" x 10."* ✓
 Size of No. 1 Hatchway (Forward) *31'6" x 15'0"* ✓ No. 2 *43'9" x 15'0"* ✓ No. 3 ✓ No. 4 ✓ No. 5 ✓ No. 6 ✓
 Number of Shifting Beams *and/or Fore and Afters* *Nº 1 - 8.* ✓ *Nº 2 - 11.* ✓ *FOR AND ON BEHALF OF CLELANDS (SUCCESSORS) LIMITED.*

Builder's Signature

David J. ... DIRECTOR

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 *NO (DIESEL ENGINES)*
 (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo *NO* 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, the Secretary's letters, and in other respects in conformity with the Society's Rules for the class contemplated. The materials and workmanship are good.
As required by the Rules, the double bottom Tanks, peak Tanks and oil fuel Tanks have been tested by water pressure, and the weather decks and watertight Bulkheads have been tested, with satisfactory results.
The assigned Freeboards have been marked on vessel's sides and verified.
The requirements of Section 20 of the Rules for the carriage of oil fuel having a flash point above 150° F have been complied with where applicable.
The approved plans (SEE SEPARATE LIST) and one ship forging report are forwarded herewith

This vessel is a sister ship to M.V. "HULLGATE" built by Clelands (Successors) Ltd Nº 35
Weekday 167 Station 4

The amount of Entry Fee £ *3 : 0 : 0* Fees applied for, *14 FEB 1938* (Special notations, where part of class, to be stated.)
 Special Survey Fee £ *41 : 0 : 0* Received by me, *16.3 1938/17.3*
FREEBOARD *6 : 0 : 0*
 Travelling Expenses, if any £ : : :
 State whether the Vessel has been built under Special Survey *YES* I am of opinion the Vessel should be Classed *+ 100 A.1.*
 Certificate to be sent to *NEWCASTLE-ON-TYNE* Date of issue *15/4/38*
 Signature *D.E. Marlborough*
 Surveyor to Lloyd's Register of Shipping.

Committee's Minute *FRI. 18 FEB 1938*
 Character assigned *+ 100 A1*
Lloyds Assoc Cargo battens not fitted
+ Linc 2.38 lie Eng 00
Write Mark
" Hugo
" Mole
 The Surveyors are requested not to write on or below the Committee's Minute.

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.)

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

MACHINERY AFT. ✓ CRUISER STERN, OIL ENGINE, CARGO BATTENS NOT FITTED. ✓

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

1st Bower
2nd "
3rd "

6-0-5 ✓ W.H 6300 5.2.34
6-0-0 ✓ W.H 6328 5.2.34

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 26.45 ft., R.Q.D. 66.5 ft., Bridge 10.5 ft., Forecastle 20.5 ft.
(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

No. and Material of Decks

1 DECK ✓

Official No. 165,696

Signal Letters

L A T E R

Is bottom of vessel coated with cement

YES ✓

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,	14.5	32 ✓
Double bottom, under Engines and Boilers,			After peak tank,	13.5	18 ✓
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	99.45 ✓	131 ✓	Other tanks, if fitted, OIL FUEL TANK IN ENGINE ROOM	8.45	19.5 17.416 ✓
	Total capacity of double bottom	131	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks (See Circular No. 1284).

Order for Special Survey No. 5531

Date

2.12.36

Dates of Surveys held while building

1936 Dec 16. 18. 24. 1937 Jan 7. 11. Mar 19. 24. 30. Apr 8. 14. 19. 23. 29. May 14. 26. June 9. 10. 18. 30. July 7. 8. 12. 27. 29. Aug 13. Sep 7. 21. 29. 30. Oct 1. 5. 11. 19. 20. 29. Nov 3. 5. 9. 11. 15. 29. 30. Dec 1. 2. 15. 22. 1938 Jan 17. 21. 26. Feb. 1.

Total No. of Visits

52

Lloyd's Register
Foundation