Rpt. 1.

STEEL ~~STEAMER~~ or MOTORSHIP.

Received at London Office JAN 20 1941

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 9/1/41 *Port of* NEWCASTLE-ON-TYNE *No.* 99121

Survey held at WILLINGTON QUAY-ON-TYNE *Date First Survey* 28 Oct 1940. *Last Survey* 7 Jany 1941

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Steel Se. "NORTHGATE" Machinery aft, Single Screw.

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Full Scantlings

State Type of Erections Poop. R.Qr Dk. T.F'cle Bridge on R.Qr Dk

21 JAN 1941

RETAIN

TONNAGE under Tonnage Deck 264.60

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

Total

Gross Tonnage 428.63

Register Tonnage 223.61

REGISTERED DIMENSIONS.	FEET.
Length	156.0
Breadth	26.15
Depth	8.05.

CLASS ✠ 100 A.1. *State if with freeboard as condition of Class* no

	FEET.	
Length *from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a)*	L	150.0
Breadth *(greatest moulded)*	B	26.0
Depth, *at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c)*	D	10.1.1" To Upper Dk
1st Longitudinal Number (L × D)	=	1512
2nd Numeral L × (B + D)	=	5412
Framing Depth "d," *at middle of length. See Sec. 3 (1d)*		4.45
Proportions—*Depth to Length—Uppermost continuous deck to top of keel*		14.88
Do. Long Bridge to top of keel		✓
Draught Moulded		9.1.11½"

Built at Willington Quay-on-Tyne

Launched 3rd Sept 1940 *Yard No.* 514

Builders Clelands (Successors) Ltd

Owners The Hull Gates Shipping Co Ltd

Managers

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

Residence

Port of Registry HULL

If surveyed while building, afloat, or in dry dock while building and afloat

FRAMES, DOUBLE BOTTOM AND BEAMS.

	Inches in Ship.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	21" ✓	
" " from ⅗ length amidships to Collision bulkhead	21" ✓	
" " in peaks	21" ✓	
SIDE FRAMING. ✓		
Frame Amidships, Angle, ~~L or [~~	4 3 ·30 ✓	as per apprd Midsk Sect apprd 31.10.39
" " Extends up to Upper Deck, R.Q.Dk + as approved.		✓
Reversed Frame Amidships, Angle	✓	See Mids. Sect. apprd 31.10.39
" " Extends up to	✓	
Depth of Framing Girder	✓	
Frames in Uppermost Continuous 'tween Decks, Angle, [or [	✓	
" " **Second 'tween Decks,** Angle, [or [	✓	
" " **Third** " " " "	✓	
" **from ⅛ len. for'd. to 15% len. from Stem**	4 3 ·30 ✓	
" **in Peaks,** Angle ~~T~~ or [FORE PEAK AFTER "	5"x3"x·38 L + 4"x3"x·30 L ✓	4x3x·30L ✓
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4" + 5/8" at	½ dias ✓
State if Frame Joggled	no. ✓	
Are the scantlings and arrangements in the **Panting Area** in accordance with the Rules and/~~or~~ as approved?	Yes ✓	
Are the scantlings and arrangements in way of the **Bottom Forward** in accordance with the Rules and/~~or~~ as approved?	Yes. ✓	
SINGLE BOTTOM.		
Floors, Depth and thickness ~~at mid-line in Holds~~ IN MACHINERY SPACE	32¼" x ·345 ✓	✓
Height of Brackets at side above base line at toe of frame	Floors level at side of Girder	✓
Middle Line Keelson, on Floors, Angles, [or [	✓	
" " " Through Plate or Intercostal Plate	✓	
" " " Foundation Plate on Floors	✓	
" " " Flat Plate Keel Angles	✓	
Side Keelsons, No. each side	one ✓	
" " thickness of Intercostal Plate	7/16" ✓	✓
" " Angles	5" x 5" x ·62 and 14 x ¾" Top plate ✓	6x6x·50 apprd.
DOUBLE BOTTOM.		
Solid Floors, thickness and spacing	·26 at 21" ✓	
" " Are Frame and Reversed Frame joggled?	No ✓	
Bracket Floors, breadth and thickness at middle line	✓	
" " breadth and thickness at margin plate	✓	

	Inches in Ship.	Any Departure from Approved Plans to be Noted.
Bracket Floors, Frame	✓	
" " Reversed Frame	✓	
" " Vertical Struts	✓	
Centre Girder, depth and thickness amidships	28" x ·34 ✓	
" " top Angles SINGLE	2½" 2½ ·30 ✓	Double Forc 1/2 L ✓
" " bottom Angles	3 3 ·38 ✓	Do ✓
Side Girders, No. each side and thickness	1 at ·26 ✓	
Margin Plate depth (excl. of flange) and thickness	18" Minimum ·30 ✓	
" " Vertical Angle to Tank side Bracket abaft ¼ len. from stem	2½ 2½ ·26 ✓	
" " Vertical Angle to Tank side Bracket from forward ¼ len. from stem to Panting Area	4½ 4½ ·30 ✓	
" " Gussets, spacing and scantling abaft ¼ len. from stem	✓	
" " Gussets, spacing and scantling from forward ¼ len. from stem to Panting Area	✓	
Tank Side Brackets, height above base line at toe of Frame and thickness	30" x ·26 ✓	
INNER BOTTOM PLATING.		
Breadth and thickness of Middle Line Strake	38" x ·30 To ·28 ✓	
Thickness of remainder in Holds	·28 ✓	
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. 0.B in Engine Room ✓	
BEAMS.		
Uppermost ~~Continuous~~ Deck, ~~amidships in Wells,~~ Angle, ~~L~~ or [	5 3 ·30 [✓ THRO' BEAMS 5x3x·25 [	
" " ~~in way of Bridge,~~ Angle, ~~L or [~~	4 2½ ·25 L ½ BEAMS ✓ + as approved	
Spacing	21" ✓	
R.Qr Dk		
~~Second~~ Deck, amidships, ~~Angle, L~~ or [	4 3 ·36 THRO BEAMS ✓	
	4 2½ ·30 ½ " 4x2½x·25 ✓	
Spacing	21" ✓	
Third Deck, amidships, Angle, [or [	✓	
Spacing	✓	
Fourth Deck, amidships, Angle, [or [	✓	
Spacing	✓	
Poop Deck, ~~Angle, L or~~ [	5 3 ·30 5x3x·25 ✓	
Spacing	42" ✓	
Bridge Deck, Angle, ~~L or [~~	4 3 ·30 ✓	
Spacing	42" ✓	
Forecastle Deck, Angle, ~~L or [~~	4 3 ·34 To ·30 ✓	
Spacing	21" ✓	

PILLARS AND DECKS.

	Inches in Ship.			Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows				
„ in 'tween Decks, Size and Spacing	2" Round Pillars in Bridge and Fife Spaced 42" ✓			
„ „ „ „ „				
„ in Holds at C^L Line under Fore End of R^Q Q^S O^K ✓	double 6×3×3×·32 Channels and deep frame brackets Spaced 4'·0" apart ✓			
„ „ „ „ „				
Centre Line Bulkhead. Stiffeners and Spacing		✓		
Plating, thickness of		✓		
STRINGERS AND DECKS. **Uppermost ~~Continuous~~ Deck.** MAIN DECK. Stringer Plate, breadth and thickness in Wells	54 × ·40 ✓			
„ „ „ „ in way of ~~Bridge~~ R.Q.S O.K	54 × ·40 ✓			
„ Angle in Wells	3½	3½	·38 ✓	
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	·30	to	·28 ✓	
If Sheathed, material and thickness		✓		
~~Second~~ R.Q.S **Deck.** Stringer Plate, breadth and thickness in Wells	54 × ·38 + ·32 ✓			

	Inches in Ship.			Any Departure from Approved Plans to be Noted.
Stringer Plate, breadth and thickness in way of Bridge		·38 ✓		
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		·25 ✓		
If Sheathed, material and thickness		✓		
Third Deck. Stringer Plate, breadth and thickness		✓		
If Plated, state thickness		✓		
Fourth Deck. Stringer Plate, breadth and thickness		✓		
If Plated, state thickness		✓		
Poop Deck. Stringer Plate, breadth and thickness	18" × ·24 ✓			
Plating, Sheathing, material and thickness	part plated ·24 and ✓ Sheathed with 5×2½ o.p.			✓
Bridge Deck. Stringer Plate, breadth and thickness	26 × ·24 ✓			
Plating, Sheathing, material and thickness	Tiers 9×·24 ✓ T 5×2½ o.p. ✓			
Forecastle Deck. Stringer Plate, breadth and thickness		·26 ✓		
Plating, ~~Sheathing, material and thickness~~		·26 ✓		

SHELL PLATING.

SCANTLINGS.

STRAKES.	As in Vessel. Amidships. Breadth.	Amidships. Thickness.	Forward. Thickness.	Aft. Thickness.	Any Departure from Approved Plans to be Noted.
	Inches.	Inches.	Inches.	Inches.	
Flat Plate Keel	34 ✓	·42 ✓	·42 ✓	·42 ✓	Ends approved ·38 ✓
„ Dblg. (if any)		✓			
Bottom Plating, No. of Strakes ..2.....	A 59½ B 58	·32 ✓ ·32 ✓	·35 ✓ ·35 ✓	·28 ✓ ·32 ✓	
Bilge Plating, No. of Strakes ...1.....	58	·32 ✓	·28 ✓	·28 ✓	
Side Plating, No. of Strakes ..4.. at R.Q.S	48½	·32 ✓	✓	·28 ✓	
Upper Deck, Sheerstrake in Wells	46 ✓	·48 ✓ ·64 at Break	·28 ✓ ✓		
~~Upper~~ R.Q.S Deck, Sheerstrake in Bridge	43 ✓ 49 approx	·38 ✓	✓	·28 ✓	
Strake below Sheerstrake in Wells	48½ ✓	·36 ✓	·28 ✓		
Strake below R.Q.S Sheerstrake ~~in Bridge~~	46	·38 ✓	✓	·28 ✓	
Poop Side Plating				·28 · 24 ✓	
Bridge Side Plating				28 · 24 ✓	
Forec'tle Side Plating			·24 ✓		

RIVETING.

STRAKES.	Edges. State if joggled? Single or Double.	Edges. Rivets. Diam.	Edges. Rivets. Spacing cr. to cr.	Butts. No. of Rows of Rivets.	Butts. Rivets. Diam.	Butts. Rivets. Spacing cr. to cr.	Butts. Strapped or Lapped.
		Inches.	Inches.		Inches.	Inches.	
Flat Plate Keel	Single ✓	¾ ✓	3 ✓	3 ✓ to 2 ✓	¾ ✓	2⅝ ✓	Strapped ✓
„ Dblg. (if any)							
Bottom Plating, No. of Strakes ..2.....	Single ✓	⅝ ✓	2⅝ ✓	2 ✓	⅝ ✓	2¼ ✓	Lapped ✓
Bilge Plating, No. of Strakes ...1.....	" ✓	" ✓	" ✓	" ✓	" ✓	" ✓	" ✓
Side Plating, No. of Strakes ..4.. at R.Q.S	" ✓	" ✓	" ✓	" ✓	" ✓	" ✓	" ✓
Upper Deck, Sheerstrake in Wells	" ✓	¾ ✓	3 ✓	3 ✓ to 2 ✓	¾ ✓	2⅝ ✓	" ✓
~~Upper~~ R.Q.S Deck, Sheerstrake in Bridge	" ✓	" ✓	" ✓	2 3 zig zag	¾ ✓	" ✓	" ✓
Strake below Sheerstrake in Wells	" ✓	" ✓	" ✓	3 to 2 ✓	" ✓	" ✓	" ✓
Strake below R.Q.S Sheerstrake ~~in Bridge~~	" ✓	" ✓	" ✓	2 ✓	" ✓	" ✓	" ✓
Poop Side Plating	" ✓	⅝ ✓	2⅝ ✓	1 ✓	⅝ ✓	2¼ ✓	part Strapped & Lapped ✓
Bridge Side Plating	" ✓	" ✓	" ✓	✓			
Forec'tle Side Plating	" ✓	" ✓	" ✓	1 ✓	⅝ ✓	2¼ ✓	do. ✓

WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 *c*) 3

„ Deck next below

As per Rule 3

	Plating Thickness.	Stiffeners. Vertical. Scantlings.	Stiffeners. Vertical. Spacing.	Stiffeners. Horizontal. Scantlings.	Stiffeners. Horizontal. Spacing.
	Inches.				
MIDSHIP BULKH'D, Upper tween decks					
„ „ Second „					
„ „ Third „					
„ „ Holds Fram N^o 21	·38 - ·28 ✓	6×3×·30 ✓	24 30 ✓		
COLLISION „ (in Hold) N^o 218	·34 - ·30 ✓	7×3×·40 ✓	24 ✓		
AFTER PEAK „ „	·30 ✓	5×3×·32 ✓	24 ✓	oil Tight Flat	

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	6×1⅜ ✓	Dorman Long ✓	
STERN FRAME Propeller Post	Forged Steel	5½×2¾ ✓	Emmerson Walker	
STERN FRAME Rudder „		" ✓		
Speed of Vessel	10 Knots ✓			
RUDDER—Type	Balanced Stream Line			
„ A × D		✓		
„ Diam. of head	Forged	3⅝	Emmerson Walker	
„ Mainpiece at top pintle		4⅛" ✓		
„ „ heel		3" ✓		
„ how constructed	Steel Plate Riveted to forged frame. ✓			
„ double or single plate	double. ✓			
„ coupling, vertical or horizontal	Horizontal ✓			

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) Consett Iron C^o L^td Dorman Long & C^o L^td, Skinningrove Iron & Steel C^o L^td open hearth ✓

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

EQUIPMENT No 5959.07 LETTER f . ANCHORS.

Number of Certificate.	Anchors.	Weight, Ex. Stock. Cwts.	qrs.	lbs.	Weight of Stock. Cwts.	qrs.	lbs.	Test, per Certificate. Tons.	cwts.	qrs.	lbs.	Weight Required by Table 53. Cwts.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
53741	1st Bower ...	9	0	0				11	2	2	0	9	Stockless		CRADLEY HEATH 13/12/1940 St. Paul
39322	2nd „ ...	9	0	0				11	2	2	0	9	"		SUNDERLAND 27/12/39 Norman
	3rd „ ...														
	Collective weight.	18	0	0								18			
52924	Stream	3	0	8		3	13	5	12	0	21	3 ex stock	Iron Stock		CRADLEY HEATH 4/1/40 S.C. Paul

CHAIN CABLES.

Number of Certificate.	Length and size supplied. Length. Fathoms.	Diam. Ins.	Test per Certificate. Statutory. Tons.	Breaking. Tons.	Weight of Chain Cable. Supplied. Cwts. qrs. lbs.	Per Rule. Cwts.	Length and Size per Table 53. Length. Fathoms.	Diam. Ins.	Description.	Makers of Cables.	Where and when tested, and Superintendent.
60233	105	1	18	27	54 2 15				STUD LINK		CRADLEY HEATH 26/1/40 S.C. PAUL
62398	15	1	18	24	4.3.15						CRADLEY HEATH
62399	15	1	18	24	4.3.6						14/12/40
62400	15	1	18	24	4.3.20						
62401	15	1	18	24	4.3.26						S.C. PAUL
	165				86.0.20	84	165	1			
		Cir.						Cir.			
Iron Stream ~~Chain or~~ Steel Wire	45	2½		13.2			45	2½			

HAWSERS AND WARPS.

Material.	Length and Size supplied. Length. Fathoms.	Cir. Ins.	Breaking Test of Steel Wire. Tons.	Length and Size per Table 53. Length. Fathoms.	Cir. Ins.
Towline...	75	2½	13.2		
Hawsers & Warps	90	5½ Hemp			
"					
"					

Steering Gear, Type (Power or hand) hand. **Alternative Means of Steering** Compound Hand Steering Gear by Donkin

Steering Chains (Size and Test) 9/16" Statutory T. C. Q. L. 3-15-0-0 Breaking 2 **Windlass** Electric by T. Reid & Sons (Paisley) Ltd **Boats** 2 lifeboats 16.05 x 5.8 x 2.35, 16.1 x 5.9 x 2.4

Ceiling in Holds, thickness and material 2½ w.w. **Cargo Battens,** thickness, material and spacing None.

Cargo Hatchways.—(Upper Deck) Steel Plates and Angles. **Thickness of Hatches** 3" w.w.

Size of Hatchways **No. 1** (Fwd.) 33'3" x 17.0 x 12.6 **No. 2** 47.3 x 17.0 **No. 3** **No. 4** **No. 5** **No. 6**

Number of **Shifting Beams** and/or ~~**Fore** and **Afters**~~ No. 1. 6 Beams No. 2. 9 Beams

FOR AND ON BEHALF OF CLELANDS (SUCCESSORS) LIMITED.

Builder's Signature D. W. 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 (where required to be inserted in the Notation).*

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 hose tested with satisfactory results
The assigned Freeboards have been marked on Vessels sides, cut in 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 and ship forging reports are forwarded herewith
This Vessel is similar to M.V. "Myfongate" built by Clelands (Successors) Ltd Yard No. 36.

The amount of Entry Fee ...... £ 3 : 0 : 0

Special Survey Fee.... £ 42 : 18 : 0
Freeboard 6 : 0 : 0
Travelling Expenses, if any £ : :

Fees applied for, 16 JAN 1941 19
Received by me, 19

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

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

State whether the Vessel has been built under Special Survey Yes

Signature W. E. Marlborough.
Surveyor to Lloyd's Register of Shipping.

Hull — Certificate ~~to be~~ sent to Newcastle-on-Tyne. Date of issue 29/1/41
Machy " " Manchester

Committee's Minute FRI 24 JAN 1941

Character assigned ✠ 100 A1

Lloyd's acct.
Cargo batts. not fitted
OL
Write Actg
MK

✠ LMC 1.41
Oil Eng.

The Surveyor are requested not to write on or below the Committee's Minutes.

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.*)

PARTICULARS OF ELECTRIC WELDING (*if employed*)

Fore Peak Tank Top Plating welded to Shell Plating, also around Main Frames. ✓
Main Deck aft of No. 15 Frame " " " " " " " "
Oil Fuel Bunker Flat 4 to 9 " " " " " " " " & ~~to~~ after Peak Bkd

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. Cem. Lloyd's A + CP

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

1st Bower 5-0-13, A.E.G, 742, 25.11.40,
2nd " 5-2-6, J.O. 2342, 8.11.39
3rd " ✓

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 26·9 ✓ ft., R.Q.D. 66·6 ✓ ft., Bridge 11·6 AT CR / 10·6 AT SIDE ft., Forecastle 18·3 ✓ ft.

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

Official No. 164100 Signal Letters Extreme Breadth over Belting (Circ. 1611) ✓ Over-all Length (Circ. 1703) 161'-0"

No. and Material of Decks one Steel

Parts of Bottom of Vessel coated with cement or approved composition Bottom coated throughout with cement ✓

Particulars of composition (if fitted) and of approval ✓

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. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,		✓	Fore peak tank,		32
Double bottom, under Engines and Boilers,		✓	After peak tank,		18
Double bottom, if under Engines only,		✓	Deep tank, aft,		
Double bottom, if under Boilers only,		✓	Deep tank, forward,		
Double bottom, forward, Nos 1 & 2	✓ 101'-6"	134	Other tanks, if fitted, Oil Fuel Tank in Engine Room	8·75	19·5 @ 41 cu ft per Ton
Total length (if continuous) and Capacity			(If necessary, furnish further information by sketch.)		

Order for Special Survey No. 5592

Date 13·10·39

Dates of Surveys held while building

1939
Oct. 28. Dec. 8. 14. 19. 27.
1940
Jan. 12. 19. 24. 30. Feb. 2. Mar. 4. 5. 18. 27. Apl. 2. 11. 18. 30. May 8. 17. 21. 27.
June 4. 6. 7. 11. 12. 13. 19. 24. 25. July 4. 5. 10. 15. 18. 26. 31. Aug. 6. 19. 22. 26. 28. Sep. 2. 3. Oct. 4.
10. 16. 17. 21. Nov. 7. 8. 12. 15. 29. Dec. 4. 10. 23. 27. 31.
1941
Jan. 3. 7.

Total No. of Visits 66.