

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

No. 16585

Last Survey 7th Decr 1892 10 20

machinery amidships

State Type of Erections Pop. Bridge & Fcl

Built at West Hartlepool

Launched *29 Sept 27* Yard No. *985*

Builders Wm Gray & Co Ltd.

Owners The Ellerman Lines Ltd

Owners.....

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

Residence

Port of Registry *Liverpool.*

If surveyed while building afloat or in dry dock

While building all the way to P

S.S. denotes Special Steel.

Im. 11.24. T.

PILLARS AND DECKS.

		INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.	
PILLARS, No. of Rows.....					
"	in 'tween Decks, Size and Spacing.....	widely spaced pillars			
"	" " " " "	and girders as per			
"	in Holds " "	approved plans			
"	" " " " "				
Centre Line Bulkhead.					
Stiffeners and Spacing.....		no Centre line bulkhead			
Plating, thickness of					
STRINGERS AND DECKS.					
Uppermost Continuous Deck.					
Stringer Plate, breadth and thickness in Wells		S.S.	73 x .84	40	in forward well
" " " " in way of Bridge		S.S.	73 x .83	40	in after well
" " " " Angle in Wells		S.S.	73 x .59	68 x 41	✓ as approved
Thickness of Plating abreast Deck openings in way of Wells		S.S.	69	65	and as approved
Thickness of Plating abreast Deck openings in way of Bridge		S.S.	40		
Thickness of Plating within line of openings...		S.S.	32 to 40		as approved
If Sheathed, material and thickness		Sheathed in forward well over insulated after with 5 x 3 R.P.			
Second Deck.					
Stringer Plate, breadth and thickness in Wells...		S.S.	72	36 x 34	
Stringer Plate, breadth and thickness in way of Bridge		S.S.	72 x 39	40	also .70 in way of Boilers with .90 doubling.
Thickness of Plating abreast Deck openings in way of Wells		S.S.	36		
Thickness of Plating abreast Deck openings in way of Bridge		S.S.	30	36	also .40 in way of deep tank
Thickness of Plating within line of openings...		S.S.	30		also .36 in way of deep tank
If Sheathed, material and thickness		not sheathed			
Third Deck.					
Stringer Plate, breadth and thickness.....					
If Plated, state thickness.....					
Fourth Deck.					
Stringer Plate, breadth and thickness.....		no 3rd or 4th deck.			
If Plated, state thickness					
Poop Deck.					
Stringer Plate, breadth and thickness		39 x 36			
Plating, Sheathing, material and thickness ..		.32		Sheathed over Accommodation with 5 x 2 1/2 R.P.	
Bridge Deck.					
Stringer Plate, breadth and thickness.....		7 1/2 x .84		7 1/2 app.	
Plating, Sheathing, material and thickness ..		.40		.50 abreast openings .40 between do	
Forecastle Deck.					
Stringer Plate, breadth and thickness		7 1/2 - 39 1/2 x 36		no sheathing	
Plating, Sheathing, material and thickness ..		.36		not sheathed	
		.40		under windows	

SHELL PLATING.

SCANTLINGS. <i>all S.S.</i>					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. <i>No</i>			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	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	52½	<i>+80 clear of duct keel</i> 96	70	70	<i>very dry duct keel</i>	DOUBLE	1	3¼ @ 30	4R	1"	4	LAPPED
„ DBLG. (if any)		✓	8.C.D. 66	* to Coll. Pld.	* includes .04 burners extra	✓			✓			
BOTTOM PLATING, No. of Strakes 4.....	72	68 @ 36	62 @ 30	49 & 51	Plates increased in stern post	DOUBLE	7/8	3½ @ 30	4R	7/8	3½	LAPPED
BILGE PLATING, No. of Strakes 1.....	72	68 @ 36	62 @ 30	50	includes + .04	DOUBLE	7/8	3½ @ 30	4R	7/8	3½	Do
SIDE PLATING, No. of Strakes 4.....	72	60 @ 30	65 @ 36	44 + .04 on G.H. & I.	47	DOUBLE	7/8	3½ @ 30	3R	7/8	3½	Do
UPPER DECK, Sheer-strake in Wells.....	69	✓	82	increased at breaks as appd.		DOUBLE	1	4	5R & 4R as appd.	1"	4½ & 4	LAPPED
UPPER DECK, Sheer-strake in Bridge ...	69	60 @ 30	65 @ 36	44	44	DOUBLE	7/8	3½ @ 30	3R to 5R	7/8 - 1	3½ - 4½	LAPPED
STRAKE BELOW Sheer-strake in Wells.....	69	✓	69 & 67	65 & 69	Pld well & as appd.	DOUBLE as plan	7/8	3½	4R & 3R	1 - 7/8	4 & 3½	LAPPED
STRAKE BELOW Sheer-strake in Bridge ...	69	60 to 69	✓	✓		DOUBLE	7/8	3½ @ 30	3R to 4R	7/8 - 1	3½ & 4	LAPPED
POOP SIDE PLATING				38		SINGLE as plan	¾ & 7/8	3	1R	¾	2½	LAPPED
BRIDGE SIDE PLATING ...		60				DOUBLE	7/8	3½ @ 30	4R	7/8	3½	LAPPED
FOREO'TLE SIDE PLATING					BULWARK 30 & 40 for 2 Strakes	SINGLE	7/8 - ¾	3½ & 3	1R	¾	2½	LAPPED

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	7
Extending to Upper Deck (Sec. 3 c).....	7
„ Deck next below.....	7
As per Rule.....	7

FORGINGS and CASTINGS.

Total No. of W.T. BULKHEADS in Vessel—				Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
Extending to Upper Deck (Sec. 3 c)							
" Deck next below							
As per Rule							
		Plating Thickness.	STIFFENERS.				
			VERTICAL.		HORIZONTAL.		
			Scantlings.	Spacing.	Scantlings.	Spacing.	
MIDSHIP BULKH'D,	Upper tween decks	✓ 30	5 1/2" x 3"	40	30"		
"	" Second "	✓	✓	✓	✓	✓	
"	" Third "	✓	✓	✓	✓	✓	
"	For 2' above stakehold floor	✓	NBS BA				
"	Holds 48-35 to	✓	11 x 3 1/2" x 60	30			
COLLISION	(in Hold)	✓ 50-24	11 x 3 1/2" x 44	24			
AFTER PEAK	"	✓ 48-30	7 x 3 x 38	24			

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Open Hearth. Part Special Steel*
Plates - The South Durham Steel & Iron Co. Dorman Long & Co Ltd
Sections Corbett Steel & Iron Co Pease & Partners Dorman Long & Co, Bolckow Vaughan Cargo Fleet
 Has the Steel been tested as required by the Rules? *yes*

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.)

XX There is no sister vessel—

Plans forwarded with this report—

midship section (2 plans), Profile & decks, Shell Expansion, Amended upper & second deck plating, Pillars & Girders, Deep tank, Rudder & Stern Frame, (2 plans), Bulkheads, Duct Keel, Rudder Coupling (2 plans), Cruiser Stern Combs, Cruiser Stern Beams, modification of deck girders in way of transulation, Bottom Stiffening forward. Bilge, Oil and Ballast Pumping arrangement, Continuous Gussel Plates at tank margin, modification to Poop tween decks, Part Plan of Tunnel, upper & second dk beam knees. Details of Rold pillar connections. Groop deck trans, Pillar Seatings, Coaling Doors. Tank margin connections. Quadrant stiller, Duct keel in way of Cofferdam.

Also Forging certificates in respect of

Stern frame & rudder. Heavy derrick keel socket. Ash shoot tube.

Notes—

The following notations should be recorded in the Register Book.

"Fitted for carrying oil cargo 12.27, F.P. above 150°F in F.P. and D.T."

"Fitted for oil fuel 12.27 F.P. above 150°F"

"Cruiser Stern"

"Duct Keel forward of Boiler space 144'-3"

"Ref. Mchry."

"Elec. Light."

"wireless."

"Special quality Steel"

Insulated Space (see separate report)

The forward tween decks from frame 99 to frame 148 is the only space which has been insulated for the carriage of Langing meat cargo. The beams are of increased size as approved and reported.

It may be noted that the beams in the after tween decks from frame 32 to frame 52 have also been fitted of the increased size as shown in pencil on the profile although the space has not been insulated.

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

1st Bower	50. 3. 7	K. H.	4392	1. 3. 27
2nd "	50. 1. 21	K. H.	4522	29. 3. 27
3rd "	41. 0. 14	K. H.	4650	27. 5. 27

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 82.75 ft., R.Q.D. ✓ ft., Bridge 161.50 ft., Forecastle 88.66 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) 2 Dks. (Stl)

Official No. 149651 : Signal Letters

Is bottom of Vessel coated with cement No if not give

particulars of composition Cement in bilges Cement fillets in tanks

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft, water ballast or oil fuel	151'-11"	477	Fore peak tank, Ballast or oil Cargo		125
Double bottom, under Engines and Boilers,			After peak tank, water ballast		72
Double bottom, if under Engines only, Fed water or Ballast	22'-6"	113	(Deep tank, aft, upper portion Ballast or oil Cargo	35' at side	519
Double bottom, if under Boilers only, do do do	22'-6"	113	Deep tank, forward lower portion	do do	518
Double bottom, forward, water ballast or oil fuel	198'-0"	697	Other tanks, if fitted,		
Total capacity of double bottom		1400	(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. 2377

Date 16.6.26.

Dates of Surveys held while building

1427
Feb. 9. 11. 16. 21 Mar. 3. 4. 8. 9. 11. 15. 16. 17. 18. 23. 24. 29. 31. April 5. 8. 12. 20. 26. 27. 28. May 3. 5. 6. 10. 13. 16. 17. 19. 24. 27. 31. June 1. 2. 7. 10. 13. 16. 22. 23. 27. 28. 30. July 4. 5. 6. 8. 11. 13. 14. 19. Aug. 9. 10. 16. 18. 23. 26. 30. 31. Sept. 2. 5. 6. 8. 13. 14. 15. 16. 20. 26. 28. Oct. 1. 12. 14. 17. 18. 20. 21. 28. Nov. 3. 7. 9. 17. 22. 24. 25. 26. 28. 30. Dec. 1. 2. 5. 6. 7.

Lloyd's Register
Foundation

Total No. of Visits 28.