

STEEL STEAMER ~~OF~~ MOTORSHIP.

Received at London Office

20111220

State if Report has been sent on the Freeboard of the Vessel YESState if Report is sent on the Machinery of the Vessel YESDate of completion of report 30 April 1925Port of WEST HARTLEPOOLNo. 16793Survey held at WEST HARTLEPOOLDate First Survey 19 August 1924Last Survey 23 April1925On the SS "CITY OF KIMBERLEY"State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings)FULL SCANTLING

State Type of Erections

FILE & BRIDGE COMBINED
& POOPTONNAGE under Tonnage Deck... 5883.48CLASS 100.A.I.State if with freeboard as condition of Class NOBuilt at WEST HARTLEPOOLDo. 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 415.83

FEET.

Launched 23-2-25 Yard No. 967Total 5883.48Breadth (greatest moulded) B 56.00Builders Wm Gray & Co. LtdGross Tonnage 6204.23Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 32.66Owners ELLERMAN & BUCKNALL S.S. CO. LTDRegister Tonnage 3979.591st Longitudinal Number (L x D) = 13580Managers ✓

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

2nd Numeral L x (B + D) = 36867Residence ✓REGISTERED DIMENSIONS.
FEET.Length 416.1Framing Depth "d," at middle of length. See Sec. 3 (1d) 18.5Breadth 56.30Proportions—Depth to Length—Uppermost continuous deck to top of keel 12.73Port of Registry LONDONDepth 30.20Do. Long Bridge to top of keel 10.22

If surveyed while building, afloat, & in dry dock

Draught Moulded 27'-4"YES

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	✓	36	✓		Bracket Floors, Frame	✓	11	3 1/2	45
" " from 1/2 length to Collision bulkhead	✓	27	✓		" " Reversed Frame	✓	"	"	"
" " in peaks	✓	24	✓		" " Vertical Struts	✓	"	"	"
SIDE FRAMING.					Centre Girder, depth and thickness amidships	✓	44	54	✓
Frame Amidships, Angle, [<u>11</u>]	✓	12 x 3 1/2 x 3 1/2 x 46	✓		" " top Angles	✓	3 1/2	3 1/2	52
" " Extends up to	✓	2 ND DECK	✓		" " bottom Angles	✓	4	4	58
Reversed Frame Amidships, Angle	✓	✓	✓		Side Girders, No. each side and thickness	✓	ONE	44	✓
" " Extends up to	✓	✓	✓		Margin Plate depth (excl. of flange) and thickness	✓	36	55	✓
Depth of Framing Girder	✓	12	✓		" " Vertical Angle to Tank side	✓	3 1/2	3 1/2	42
Frames in Uppermost Continuous 'tween Decks, Angle, [<u>11</u>]	✓	9 3 1/2 45	✓		" " Bracket abaft 1/2 len. from stem	✓	3 1/2	3 1/2	42
" " Second 'tween Decks, Angle, [or [	✓	✓	✓		" " Vertical Angle to Tank side	✓	6	6	42
" " Third " " " "	✓	✓	✓		" " Bracket forward 1/2 len. from stem	✓	6	6	42
Framing in Peaks, Angle, [<u>11</u>]	✓	8 3 1/2 49	✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem	✓	EVERY FRAME	44	✓
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	✓	7/8 5 1/2 DIAS	✓		" " Gussets, spacing and scantling forward 1/2 len. from stem	✓	"	"	40
State if Frame Joggled	✓	NO	✓		Tank Side Brackets, height above base line at toe of Frame and thickness	✓	68	51	✓
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	✓	DEEP FRAMES AS APPROVED	✓		INNER BOTTOM PLATING.				
STRENGTHENING OF BOTTOM FORWARD. State Particulars	✓	AS APPROVED	✓		Breadth and thickness of Middle Line Strake	✓	52	50	✓
SINGLE BOTTOM.					Thickness of remainder in Holds	✓		45	✓
Floors, Depth and thickness at mid-line in Holds	✓	✓	✓		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		10 ADDED FOR OWNERS IN D.B.
Height of Brackets at side above base line at toe of frame	✓	✓	✓		BEAMS.				
Middle Line Keelson, on Floors, Angles, [or [	✓	✓	✓		Uppermost Continuous Deck, amidships in Wells, Angle, [<u>11</u>]	✓	8 1/2	3 1/2	58
" " " Through Plate or Intercostal Plate	✓	✓	✓		" " in way of Bridge, Angle, [<u>11</u>]	✓	9	3 1/2	58
" " " Foundation Plate on Floors	✓	✓	✓		" " Spacing	✓	36		✓
" " " Flat Plate Keel Angles	✓	✓	✓		Second Deck, amidships, Angle, [or [	✓	10	3 1/2	56
Side Keelsons, No. each side	✓	✓	✓		" " Spacing	✓	36		✓
" " thickness of Intercostal Plate	✓	✓	✓		Third Deck, amidships, Angle, [or [✓	✓		✓
" " Angles	✓	✓	✓		" " Spacing	✓	✓		✓
DOUBLE BOTTOM.					Fourth Deck, amidships, Angle, [or [✓	✓		✓
Solid Floors, thickness and spacing	✓	4 1/4 72	✓		" " Spacing	✓	✓		✓
" " Are Frame and Reversed Frame joggled?	✓	YES	✓		Poop Deck, Angle, [or [	✓	7 1/2	3 1/2	44
Bracket Floors, breadth and thickness at middle line	✓	4 7/8 4 1/4	✓		" " Spacing	✓	36		✓
" " breadth and thickness at margin plate	✓	3 5/8 4 1/4	✓		Bridge Deck, Angle, [or [	✓	8 1/2	3 1/2	51
					" " Spacing	✓	36		✓
					Forecastle Deck, Angle, [or [	✓	8	3 1/2	41
					" " Spacing	✓	27		✓

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.....	WIDELY			Stringer Plate, breadth and thickness in way of Bridge	76	41	/
„ in 'tween Decks, Size and Spacing.....	SPACED			Thickness of Plating abreast Deck openings in way of Wells		38	/
„ „ „ „ „	AS PER			Thickness of Plating abreast Deck openings in way of Bridge		35	✓
„ in Holds „ „	APPROVED			Thickness of Plating within line of openings...		34 2 30	
„ „ „ „ „	PLAN.			If Sheathed, material and thickness			✓
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.				Stringer Plate, breadth and thickness.....			
Stringer Plate, breadth and thickness in Wells	76	92	✓	If Plated, state thickness			✓
„ „ „ „ in way of Bridge	76	39	✓	Poop Deck.			
„ Angle in Wells	6	6 88	✓	Stringer Plate, breadth and thickness		36	/
Thickness of Plating abreast Deck openings in way of Wells		76	✓	Plating, Sheathing , material and thickness ..	STEEL	34	✓
Thickness of Plating abreast Deck openings in way of Bridge		42	04 FOR OWNERS.	Bridge Deck.			
Thickness of Plating within line of openings...		38	✓	Stringer Plate, breadth and thickness.....	76	51	
If Sheathed, material and thickness		✓		Plating, Sheathing , material and thickness ..	STEEL	44	✓
Second Deck.				Forecastle Deck.			
Stringer Plate, breadth and thickness in Wells...	76	41	04 FOR OWNERS	Stringer Plate, breadth and thickness.....		39 2 36	✓
				Plating, Sheathing, material and thickness ...	STEEL	34	✓

SHELL PLATING.

SCANTLINGS.						RIVETING.									
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.						
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	No.	RIVETS.	No. of ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.			
	Breadth.	Thickness.	Thickness.	Thickness.						SINGLE OR DOUBLE.	Diam.		Spacing cr. to cr.	Diam.	Spacing cr. to cr.
FLAT PLATE KEEL .....	.51	.82	.72	.72	✓ A.	2R	1	4	4R	1	4	LAPPED		
„ DBLG. (if any)	✓	✓													
BOTTOM PLATING, No. of of Strakes 4..)	.72	.70	.64	.52	✓ B, C, D, E	"	$\frac{7}{8}$	$= 3\frac{5}{8}$	"	$\frac{7}{8}$	$3\frac{1}{2}$	"			
BILGE PLATING, No. of Strakes 1..)	.80	.70	.52	.50	✓ F	"	"	"	"	"	"	"			
SIDE PLATING, No. of Strakes 3..)	"	.70	.50	.46	✓ G, H, J	"	"	"	"	"	"	"			
UPPER DECK, Sheer- strake in Wells.....)	.69	1.26	.46	.46	✓ L	"	1	4	5R	1	$4\frac{1}{2}$	"			
UPPER DECK, Sheer- strake in Bridge ...)	"	.70	✓	✓	✓ L.	"	$\frac{7}{8}$	$3\frac{5}{8}$	4R	$\frac{7}{8}$	$3\frac{1}{2}$	"			
STRAKE BELOW Sheer- strake in Wells.....)	"	.75	✓	✓	✓ K	"	1	4	"	1	4	"			
STRAKE BELOW Sheer- strake in Bridge ...)	"	.70	.46	.46	✓ K.	"	$\frac{7}{8}$	$3\frac{5}{8}$	"	$\frac{7}{8}$	$3\frac{1}{2}$	"			
POOP SIDE PLATING			✓	.40	✓	1R	$\frac{3}{4}$	$3\frac{1}{4}$	2R	$\frac{3}{4}$	$2\frac{5}{8}$	"			
BRIDGE SIDE PLATING ...		.64	✓	✓	✓ M, N.	2R.	$\frac{7}{8}$	$3\frac{5}{8}$	3R	$\frac{7}{8}$	$3\frac{1}{2}$	"	
FORE'TLE SIDE PLATING		.42	✓	✓	✓	1R.	$\frac{3}{4}$	3	3R 2R.	$\frac{3}{4}$	$2\frac{5}{8}$	"			

WATERTIGHT BULKHEADS.

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

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

Deck next below.....Two

As per Rule SEVEN.

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Plating	Thickne
---------	---------

	Scantling
--	-----------

27 5 1/2 x 3 1/2

BULKHEAD, Upper tween decks		
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Second		
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Third	BA
11 x 3 1/2 x 1/2	

„ Holds (85.) 42-50 12x3½x

ON " (in Hold)* 32-300x023

EAK " " ✓ 50-307x3x3

Manufacturer's Name or Trade Mark of the St

CARGO FLEET IRON CO.; DOR

... ..

Has the Steel been tested as required by the R



FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	✓	FLAT PLATE KEEL	✓	
STEM	✓	ROLLED 10x 2 $\frac{5}{8}$ CMEW.	✓	
STERN FRAME { Propeller Post	✓	FORGED 11x9	✓	
{ Rudder "	✓	9 $\frac{1}{2}$ x9	✓	
RUDDER—AxD.....	✓	140.6 x 3.99 x = 561.	✓	
Speed of Vessel.....	✓	NOT > 12 KNOTS.	✓	
RUDDER mainpiece at head ✓	✓	FORGED 11	✓	CMEW.
" " heel ✓	✓	8 $\frac{1}{2}$	✓	"
" how constructed	✓	FORGED & BUILT	✓	
" double single plate	✓	1.04	✓	
" coupling, vertical or	✓	HORIZONTAL.	✓	
" horizontal.....	✓		✓	

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

STEEL.

CARGO FLEET IRON CO.; DORMAN LONG & CO LTD; SOUTH DURHAM STEEL & IRON CO LTD

Has the Steel been tested as required by the Rules? **YES**

EQUIPMENT No. 37600-40400												LETTER at	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.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.			
40522.	1st Bover ...	68	2	0		✓		52	13	3	0	68.0	BRITANNIC (CAST STEEL) R. SYKES & SON LTD. LAD. H. 18/12/24 J.L. Paul		
39323	2nd „ ...	67	2	14		✓		52	10	0	0	68.0	“	“	7/2/24 “
40085	3rd „ ...	59	0	0		✓		47	15	0	0	58.5	“	“	30/8/24 J.H. RELF.
	Collective weight.	195	0	14								194.5 ✓			
15825.	Stream	19	1	21	4	3	14.	20	6	0	0	19.0	RODGER ANCHOR.	✓	CDE. 23/12/24 A.JONES.

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.	Stagn.	Break.	Supplied.	Per Rule.		Length.	Diam.						Length.	Cir.	Tons.	Length.	Cir.
28096	135	2 5/16	96 1/2	134 1/4	365 - 1 - 21					STUD	KENDRICK & MOLE	CDE 2/12/24 A.JONES.		TOWLINE	120	5 1/4	75.3	120	5 1/4
28211	105	"	"	"	293 - 0 - 0	720 3/4		270	2 5/16	LINK	"	17/12/24		"	5x90	7"	-	2x90	7
26231	15	"	"	"	40 - 0 - 14					"	"	24/11/23		"	2x90	8"	-	2x90	8
25835	15	"	"	"	40 - 0 - 7					"	"	9/1/23		"					
Iron Stream Chain or Steel Wire	890	5			73.8	728 - 2 - 14		90	5		EDWIN ELLIS & CO LTD.								

Steering Gear, Steam J. HASTIE & CO LTD Steering Gear, ~~Steam~~ Aux^{ly} :- LEADS TO WINCH.

Boats 8x23'-0" LIFEBOATS. Steering Chains, Size and Test ✓ Windlass CLARK CHAPMAN & CO

Ceiling in Holds, thickness and material AT BILGES ONLY PINE Cargo Battens, thickness, material and spacing 6x2" PINE AT 12" APART.
(SECT^y LETTER M. 19-1-25)

Cargo Hatchways.-(Upper Deck) AS PER APPROVED PLAN. Thickness of Hatches 3" PINE

Size of No. 1 Hatchway (Forward) 24'x19' No. 2 42'x19' No. 3 24'x19' No. 4 39'x19' No. 5 21'x19' No. 6 ✓

Number of Shifting Beams and/or Fore and Afters 4 in 1 & 3; 8 in No. 2; 7 in No. 4; 3 in No. 5

FOR WILLIAM GRAY & Co., LIMITED.
Builder's Signature A. W. Glashan Director

GENERAL DECLARATION This vessel has ~~not~~ been built in accordance with the approved plans, the Secretary's letters and in other respects in accordance with the rules. The materials and workmanship are good.

The vessel has been placed in dry dock the bottom and rudder cleaned examined and coated

The double bottom tanks have been tested in accordance with the rules as also has been the deep tanks; the decks, W.Y. Bulkheads, shaft tunnel and W.Y. doors have been tested by hose and the ash shoot by filling

The steam and auxiliary (steering) steering gears have been examined under working conditions and found satisfactory.

The freeboard has been painted and cut in on the sides & verified.

The vessel is fitted with electric light and wireless telegraphy.

The amount of Entry Fee £ 10 : 0 : 0 Fees applied for, 1 May 1925.

Special Survey Fee... £ 355 : 2 : 0 Received by me, 4/5/25

Freeboard Fee £ 12

Travelling Expenses, if any £ - : - : -

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

State whether the Vessel has been built under Special Survey YES Signature Thomas E. Sowden.

Certificate to be sent to WEST HARTLEPOOL Date of issue 13/5/25. Surveyor to Lloyd's Register of Shipping.

Committee's Minute FRI. 8 MAY 1925

Character assigned + 100 A.1

Lloyd's arcp.

+ Lm.C. 4.25 7.0. Cl.

Fitted for oil fuel 4.25 7.0. above 150°-3

Unkte MC

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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.)

LIST OF PLANS:

MIDSHIP SECTION. (2 PLANS)
PROFILE & DECKS.
STRENGTHENING FORWARD
RUDDER & STERNFRAME
RUDDER COUPLING
FRAMING OF CRUISER STERN.
PANTING ARRANGEMENTS.
FORE PEAK BULKHEAD
BULKHEADS
TOPSIDE PLATING
PILLARS & GIRDERS
SHELF PLATE ON 85 BMD
SECOND DECK IN WAY OF BOILERS
PART PLAN OF TUNNEL.
COALING DOORS
DEEP TANK BULKHEADS
HOLD PILLAR CONNECTIONS.
PUMPING PLAN

LIST OF FORGING² REPORTS:-

STERN FRAME RUDDER & STEM. (4702 D)
TILLER, SPARE TILLER & QUADRANT. (F. 14556)

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

1st Bower	42-0-19	M.B.	2104	8-10-24
2nd "	39-3-2	K.H.	2735	11-12-23
3rd "	36-0-19	K.H.	2762	8-2-24

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 67.75 ft., R.Q.D. ft., Bridge and Forecastle 228.25 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *The Bridge and Forecastle are combined*

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

Official No. *148579* ; Signal Letters *✓* Is bottom of Vessel coated with cement *✓* if not give particulars of composition *PART CEMENT & PAINT.*

PARTICULARS OF WATER BALLAST.—

Where Fitted.	OIL-TONS	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	379	138.0	447	Fore peak tank,	✓	✓
Double bottom, under Engines and Boilers,		42	193	After peak tank,	✓	✓
Double bottom, if under Engines only,		✓	✓	Deep tank, aft,	24.0	70
Double bottom, if under Boilers only,		✓	✓	Deep tank, forward,	✓	✓
Double bottom, forward,	558	180.0	657	Other tanks, if fitted,	✓	✓
		Total capacity of double bottom	1297	(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. *2312*

Date *29 Aug 1924*

Dates of Surveys held while building

1924 Aug 19. 27. 29. Sept 4. 12. 22. Oct 7. 14. 21. 28. 31. Nov 7. 12. 28. Dec 4. 9. 12. 17. 24. 1925 Jan 1. 8. 13. 16. 19. 21. 23. 28. 30. Feb 5. 6. 9. 10. 12. 13. 18. 19. 23. 26. Mar 4. 5. 9. 11. 13. 17. 19. 24. 26. 30. Apr 1. 2. 7. 15. 16. 20. 21. 23.

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Total No. of Visits *58*