

Rpt. 1.

STEEL STEAMER & MOTORSHIP.

Received at London May 1930State if Report has been sent on the Freeboard of the Vessel YESState if Report is sent on the Machinery of the Vessel YES

Date of completion of report

MAY 26th 30.

Port of

MIDDLESBROUGH.No. 14103Survey held at SOUTH BANK, MIDDLESBROUGH Date First Survey 18 Nov/29 Last Survey 26 May 1930

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw)

STEEL SINGLE SCREEN STEAMER "PORT ALFRED"

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

FULL SCANTLINGState Type of Erections Q^r B & F.

TONNAGE under Tonnage Deck...

3912.49.

CLASS

100. A.1.

State if with freeboard as condition of Class

No.

Built at SOUTH BANK MIDDLESBROUGH.

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 334' 6"

Breadth (greatest moulded)

B 60' 0"

Total

3912.49

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

D 27' 3"

Gross Tonnage

4917.77

Register Tonnage

3005.43.1st Longitudinal Number (L x D) 334.5 x 26.5 = 8864.252nd Numeral L x (B + D) 334.5 x (60 + 26.5) = 28934.25

Framing Depth "d," at middle of length. See Sec. 3 (1d)

27' 2.5"

Proportions—Depth to Length—Uppermost continuous deck to top of keel

40' 0" 12.27
27' 2.5" 10.34

Do. Long Bridge to top of keel

Draught Moulded

22' 10 1/2"Launched APRIL 11th 30. Yard No. 912.Builders MESSRS SMITH DOCK CO.Owners ANTICOSTI SHIPPING CO.

Managers

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

211 CANAL CEMENT BUILDINGResidence MONTREAL QUEBEC.Port of Registry MIDDLESBROUGH.

If surveyed while building, afloat, or in dry dock

WHILE BUILDING AFLOAT & IN DRY DOCK.

REGISTERED DIMENSIONS.

FEET.

Length

336.00

Breadth

60.25

Depth

24.95.

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	<u>27</u>		Bracket Floors, Frame	<u>8' 3 1/2" 40'</u>	<u>8' 3 1/2" 39'</u>
" " from 1/2 length to Collision bulkhead	<u>27</u>		" " Reversed Frame	<u>7 1/2' 3' 39'</u>	
" " in peaks	<u>21' 2 1/2" 24'</u>		" " Vertical Struts	<u>7 1/2' 3' 39'</u>	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	<u>42' 46'</u>	
Frame Amidships, Angle, [&]	<u>12' 4" 4" 53/60"</u>		" " top Angles <u>DOUBLE</u>	<u>3' 3' 46'</u>	
" " Extends up to <u>R.O.D. UPPER DECK.</u>			" " bottom Angles <u>DOUBLE</u>	<u>4' 4' 52'</u>	
Reversed Frame Amidships, Angle <u>EVERY 6' 4' 64'</u>			Side Girders, No. each side and thickness	<u>TWO, 36'</u>	
" " Extends up to <u>ROUND BRACKETS.</u>			Margin Plate depth (excl. of flange) and thickness	<u>33' 44'</u>	
Depth of Framing Girder	<u>11' 12"</u>		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem <u>SINGLE</u>	<u>5' 5' 36'</u>	
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	<u>✓</u>		" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem <u>DOUBLE</u>	<u>5' 5' 36'</u>	
" " Second 'tween Decks, Angle, [or]	<u>✓</u>		" " Gussets, spacing and scantling abaft 1/2 len. from stem	<u>CONTINUOUS PLATE 36'</u>	
" " Third " " "	<u>✓</u>		" " Gussets, spacing and scantling forward 1/2 len. from stem	<u>CONTINUOUS PLATE 36'</u>	
Framing in Peaks, Angle, [or]	<u>7' 3' 36'</u>		Tank Side Brackets, height above base line at toe of Frame and thickness	<u>5' 5' 44'</u>	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<u>5 1/4"</u>		INNER BOTTOM PLATING.		
State if Frame Joggled	<u>NO</u>		Breadth and thickness of Middle Line Strake	<u>72' 48' 46'</u>	
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	<u>3 SIDE STRAINERS AND FRAMES 12' 3 1/2" 48'</u>		Thickness of remainder in Holds	<u>48'</u>	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	<u>CLOSE SPACED INTERCOSTALS AND BOTTOM FRAMES 5' 5' 36'</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? <u>YES</u>		
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	<u>✓</u>		Uppermost Continuous Deck, amidships in Wells, Angle, [or]	<u>7' 3 1/2" 40'</u>	
Height of Brackets at side above base line at toe of frame	<u>✓</u>		" " in way of Bridge, Angle, [or]	<u>9' 3 1/2" 46'</u>	
Middle Line Keelson, on Floors, Angles, [or]	<u>✓</u>		Spacing <u>EVERY</u>		
" " Through Plate or Intercostal Plate	<u>✓</u>		RAISED QUARTER DECK.		
" " Foundation Plate on Floors	<u>✓</u>		Second Deck, amidships, Angle, [or]	<u>8' 3' 36'</u>	
" " Flat Plate Keel Angles	<u>✓</u>		HALF BEAMS, BA. Spacing <u>EVERY</u>	<u>7' 3 1/2" 40'</u>	
DOUBLE BOTTOM.			Third Deck, amidships, Angle, [or]		
Solid Floors, thickness and spacing <u>EVERY 3' 36'</u>			Spacing		
" " Are Frame and Reversed Frame joggled?	<u>FRAMES NOT JOGGLED REVERSE FRAMES JOGGLED.</u>		Fourth Deck, amidships, Angle, [or]		
Bracket Floors, breadth and thickness at middle line	<u>2' 6' 36'</u>		Spacing		
" " breadth and thickness at margin plate	<u>5' 2' 36'</u>		Poop Deck, Angle, [or]		
			Spacing		
			Bridge Deck, Angle, [or]	<u>8' 3' 44'</u>	
			Spacing <u>EVERY</u>		
			Forecastle Deck, Angle, [or]	<u>9' 3 1/2" 38'</u>	
			Spacing <u>EVERY</u>		

PILLARS AND DECKS.

PILLARS, No. of Rows.....	INCHES IN SHIP.			Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.			Any Departure from Approved Plans to be Noted.
	Large Brackets at Hatches Sides in Lieu of Pillars.								
Centre Line Bulkhead.									
Stiffeners and Spacing.....	4'6" 7	9	3 1/2	38					
Plating, thickness of		30							
STRINGERS AND DECKS.									
Uppermost Continuous Deck.									
Stringer Plate, breadth and thickness in Wells	8'6"		1'14"						
" " " " in way of Bridge		46	38						
" Angle in Wells	6	6	78						
Thickness of Plating abreast Deck openings in way of Wells									
Thickness of Plating abreast Deck openings in way of Bridge		34							
Thickness of Plating within line of openings...		38							
If Sheathed, material and thickness	NOT SHEATHED.								
Second Deck. RAISED QUARTER DECK									
Stringer Plate, breadth and thickness in Wells...		82							
Stringer Plate, breadth and thickness in way of Bridge									
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...									
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									
Plating, Sheathing, material and thickness ...									
Bridge Deck.									
Stringer Plate, breadth and thickness.....		53	42						
Plating, Sheathing, material and thickness ...		30	STEEL.						
Forecastle Deck.									
Stringer Plate, breadth and thickness.....		34							
Plating, Sheathing, material and thickness ...		34	SHEATHED UNDER WINDGLASS ONLY.						

SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged? YES		RIVETS.		No. OF ROWS OF RIVETS.	
	Breadth.	Thickness.	Thickness.	Thickness.		SINGLE OR DOUBLE.	Spacing cr. to cr.	Diam.	Spacing cr. to cr.	Diam.	Spacing cr. to cr.
FLAT PLATE KEEL	47 1/2	68	75	64	47 x 68	DOUBLE	7/8 3 1/2	3	7/8 3 1/2	LAPPED.	
" DBLG. (if any)											
BOTTOM PLATING, No. of Strakes	3 70 1/2	54	44	54		DOUBLE	7/8 3 1/2	3	7/8 3 1/2	LAPPED.	
BILGE PLATING, No. of Strakes	63	54	44	46		"	"	"	"	"	"
SIDE PLATING, No. of Strakes	70 1/2	54	42	42		"	"	"	"	"	"
UPPER DECK, Sheer-strake in Wells.....	60	94	42			"	7/8 4	5	1 4 1/2		
UPPER DECK, Sheer-strake in Bridge ...	60	54		42		"	7/8 3 1/2	3	7/8 3 1/2		
STRAKE BELOW Sheer-strake in Wells.....	40 70 1/2	66	42			"	"	4	7/8 3 1/2		
STRAKE BELOW Sheer-strake in Bridge ...			54			"	"	3	7/8 3 1/2		
POOP SIDE PLATING											
BRIDGE SIDE PLATING ...		54					7/8 3 1/2	3	7/8 3 1/2	LAPPED.	
FORECASTLE SIDE PLATING			40			SINGLE	3/4 3	2	3/4 2 5/8		

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—					
Extending to Upper Deck (Sec. 3 c)		5			
,, Deck next below		1			
As per Rule		5			
		STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings, Spacing.		Scantlings, Spacing.	
MIDSHIP BULKHD, Upper tween decks					
,,	,, Second	105 FRAME	41-32	12-4-41-60	30
,,	,, Third	69 FRAME	48-32	12-3½-50	30
,,	,, Holds	43 FRAME	41-35	11-3½-54	2-10½
COLLISION		(in Hold)		42-26	10-3½-52
AFTER PEAK				60-30	7-3-44
				24	24
				PEAK PLAT.	
				SEMI BOX BEAM	

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	FLAT PLATE KEEL.			
STEM	RADIUS PLATE 1" THICK STEEL CASTING AT FOOT.			
STERN FRAME	Propeller Post	STEEL.	J. ROGERSON & CO. WALSINGHAM.	
	Rudder	NO BACK POST.		
RUDDER—A x D.....		BALANCED.		
Speed of Vessel	11 KNOTS.			
RUDDER mainpiece at head	FORGED STEEL STOCK.	11" STOCK, W. SOMERS & CO.		
" " heel	CAST STEEL FRAME.	8-5 FRAME J. ROGERSON & CO.		
" how constructed		BALANCED STREAM LINE AS PER PLAN.		
" double or single plate coupling, vertical or horizontal.....		36		
		HORIZONTAL COUPLING 6-3 1/2 BOLTS.		

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)	OPEN HEARTH PROCESS.
	SECTIONS, CARGO FLEET IRON CO. L ^{TD} CONSETT IRON CO. L ^{TD} DORMAN LONG & CO. L ^{TD} BOLCROW VAUGHAN & CO. L ^{TD}	
	PLATES, BOLCROW VAUGHAN & CO. L ^{TD} DORMAN LONG & CO. L ^{TD} CONSETT IRON CO. L ^{TD}	
	Has the Steel been tested as required by the Rules?	YES.

EQUIPMENT No. 30212-86												LETTER	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.						
ST.	32872	1st	Bower	85	2	0	✓	✓	✓	61	10	0	0	85-0-0	Byers/IMPROVED STOCKLESS		✓	SUNDERLAND 21-2-30 H.B.		
DT	32873	2nd	"	56	1	0	✓	✓	✓	46	3	0	14	56-1-0	"		✓	" 24-2-30 H.B.		
SP.	32878	3rd	"	47	2	14	✓	✓	✓	40	17	3	7	47-2-0	"		✓			
		Collective weight.		189	1	14							188-3-0							
45007		Stream		15	0	14	4	0	0	16	12	0	21	15-0-0	COMMON STOCK ANCHOR.		✓	CRAOLEY/HEATH 24-2-29 LCP.		
MAKERS AND WARPS																				

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.	Statutory.	Breaking.	Supplied.	Per Rule.	Length.	Diam.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.
85781	180	2 1/2	12 1/2	15 1/2	564-1-10	564-0-0	180	2 1/2	STW LINK	✓	NETHERTON 28-1-30 H.G.	TOWLINE	120	4 1/2	39	120	4 1/2
15996	15	2 1/2	8 1/2	13 1/2	34-2-14	34-3-0	180	2 1/2		✓	SUNDERLAND 5-11-28 H.B.		2-90	2 1/2	12 1/2	2-90	2 1/2
16008					34-3-0	34-2-18	135	2 1/2		✓	29-11-28 -		2-90	2 1/2	12 1/2	2-90	2 1/2
44169					34-2-18	173-3-0	301-1-7	315		✓	CRAOLEY/HEATH 27-2-30 LCP.	HAWSERS & WARPS	2-90	2 1/2	12 1/2	2-90	2 1/2
55734	0 75				33-3-14	876-0-0	865-1-7			✓	NETHERTON 31-12-29 H.G.		2-90	2 1/2	12 1/2	2-90	2 1/2
40996					33-3-14					✓	CRAOLEY/HEATH 3-9-29 LCP.		2-90	7	MANILA		
Iron Stream Chain or Steel Wire	90	4 1/2		39			90	4 1/2	STEEL WIRE.								

Steering Gear, Steam *DIRECT DONKIN & CO.*Steering Gear, Hand *BLOCKS & TACKLE LED TO WINCH.*Boats *2* *24-0-7-6-3-0* *30-0-9-0-3-10* Steering Chains, Size and Test.Windlass *QUICK WARPING DIRECT ACTING*
*7/16 METAL COL.*Ceiling in Holds, thickness and material *FITTED OVER BILGES ONLY.*Cargo Battens, thickness, material and spacing *NO CARGO BATTENS FITTED.*Cargo Hatchways. (Upper Deck) *STEEL COAMING 4'-0" W 3'-6" HFT.*Thickness of Hatches *STEEL 28" THICK 8'-4 1/4" W 4'-0" BOUNDARY*
*FRAMES & STIFFS 5'-2 1/2" W 2'-27" APART.*Size of No. 1 Hatchway (Forward) *65'-4 1/2" - 26'* No. 2 *65'-0" x 43'-0"* No. 3 *65'-0" x 43'-30"* No. 4

No. 5

No. 6

Number of Shifting Beams and/or Fore and Afters *9 SHIFTING BEAMS IN EACH HATCH**RIBER PLATES 83'-64'*
ANGLES 4'-32'-60'
PLATES 42'-50'

FOR SMITH'S DOCK COMPANY, L.

Builder's Signature *John G. Brown*

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel *No* (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 general conformity with the Rules and regulations for the class contemplated.

The materials and workmanship are good.

All double bottom tanks, fore and after peak tanks, watertight doors, Bulkheads, Decks, shaft tunnel, ash shoot have been tested to rule requirements with satisfactory results.

The Windlass, Steam & tackle steering gear & winches have been tested under working conditions and found satisfactory.

The assigned freeboard has been cut in on the vessel's sides and verified.

The amount of Entry Fee £ *8 : 0 : 0*

Special Survey Fee.... £ *320 : 18 : 0*

FREEBOARD £ *8 6 8*

Travelling Expenses, if any £ : :

Fees applied for,

30-5-1930

Received by me,

*7.6.30*I am of opinion the Vessel should be Classed *100 A.I.**NO CARGO BATTENS FITTED.*State whether the Vessel has been built under Special Survey *Yes.*

Signature

Cecil B. Scott

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to *Widnesbury*

Date of issue

*11/6/30.*Committee's Minute *FRI. 6 JUN 1930*Character assigned *+100A1**Cargo battens not fitted**+ L.M.C. 5,30**Lloyd's A+C.P.**subject**C.L.*

TUE. 30 SEP 1930

-91. 22 MAY 1931

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Lloyd's Register Foundation

01812

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.)

The following approved plans now sent.

Midship Section,
Profile and deck plans,
Upper & Raised Quarter decks
Cast steel Quadrant & tiller
Bulkhead on 105 frame.
Stem frame & Rudder,
Forward winch house and raised deck.
Cruiser Stern,
Collision Bulkhead, Stiffening of bottom Forward.

10 in all

Forging certificates now sent.

Stem plate
Rudder Crosshead.
Tiller & Quadrant
Rudder Post.
Rudder.

5 in all.

Damage stated to have been caused by bumping the quay at South Bank on various dates while fitting on.

The following damage repairs have now been effected

Shell plates Port Side removed joined and replaced. H. 10 J. 10.
- - - - - joined in place. G. 11 H. 10-13 J. 13-13.

3 Main frames removed joined and replaced.

Repairs tested with water from a hose found satisfactory.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	50-3-21	K.H.	N ^o 7491	28-1-30
	2nd "	31-2-2	K.H.	N ^o 7574	28-1-30
	3rd "	28-3-15	K.H.	N ^o 7474	28-1-30.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 89.25 ft., Bridge 72.0 ft., Forecastle 24.75 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) 10⁴ (54)

Official No. 160730 ; Signal Letters _____ Is bottom of Vessel coated with cement ☒ if not give particulars of composition _____

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length.		Water Capacity.	Where Fitted.	*Length.		Water Capacity.
	Feet.	Tons.			Feet.	Tons.	
Double bottom, aft,	81.	278		Fore peak tank,	20'0"	174	
Double bottom, under Engines and Boilers,				After peak tank,	26'0"	177	
Double bottom, if under Engines only,	22'6"	116		Deep tank, aft,			
Double bottom, if under Boilers only,	22'6"	114		Deep tank, forward,			
Double bottom, forward,	171'0"	762		Other tanks, if fitted,			
		1270		(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. 1460

Date 11 Nov/29

Dates of Surveys held while building

1929: Nov. 18. 20. 25. 28 Dec. 1. 4. 6. 11. 16. 23. 30 1930: Jan. 6. 7. 8. 10. 13. 16. 20. 24. 27. 30 Feb. 6. 7. 10. 11. 12. 18. 19.
20. 25. 27 Mar. 4. 5. 10. 19. 20. 31 Apr. 1. 2. 4. 7. 8. 9. 10. 11. 15. 23. 24. 29 May 5. 8. 14. 15. 16. 19. 20. 22. 23. 26

Total No. of Visits 59